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American Journal of Preventive Medicine - Latest

[U.S. Military Veterans' Health and Well-Being in the First Year After Service](#)

02 Jan 2020

Publication date: Available online 2 January 2020
Source: American Journal of Preventive Medicine
Author(s): Dawne S. Vogt, Fanita A. Tyrell, Emily A. Bramande, Yael I. Nillni, Emily C. Taverna, Erin P. Finley, Daniel F. Perkins, Laurel A. Copeland
Introduction: This study examined the health and well-being of U.S

Tags: Health Care

[Association Between E-Cigarette Use and Chronic Obstructive Pulmonary Disease by Smoking Status: Behavioral Risk Factor Surveillance System 2016 and 2017](#)

02 Jan 2020

Publication date: Available online 2 January 2020
Source: American Journal of Preventive Medicine
Author(s): Albert D. Osei, Mohammadhassan Mirbolouk, Olusola A. Orimoloye, Omar Dzaye, S.M. Iftekhar Uddin, Emelia J. Benjamin, Michael E. Hall, Andrew P. DeFilippis, Aruni Bhatnagar, Shyam S. Biswal, Michael J

[Male Adolescents' Gender Attitudes and Violence: Implications for Youth Violence Prevention](#)

29 Dec 2019

Publication date: Available online 27 December 2019
Source: American Journal of Preventive Medicine
Author(s): Elizabeth Miller, Alison J. Culyba, Taylor Paglisotti, Michael Massof, Qi Gao, Katie A. Ports, Jane Kato-Wallace, Julie Pulerwitz, Dorothy L. Espelage, Kaleab Z. Abebe, Kelley A

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Environment and Behavior current issue

Systematic Review of Household Water Conservation Interventions Using the Information–Motivation–Behavioral Skills Model 1 hit

02 Jan 2020

Environment and Behavior, Ahead of Print. Increasing droughts and water shortages are intensifying the need for residential water conservation. We identify and classify 24 water conservation studies using the information–motivation–behavioral skills (IMB) model by categorizing interventions based on content and water conservation effectiveness. This synthesis revealed several insights

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Environmental Health - Latest Articles

Projected local rain events due to climate change and the impacts on waterborne diseases in Vancouver, British Columbia, Canada

30 Dec 2019

Climate change is increasing the number and intensity of extreme weather events in many parts of the world. Precipitation extremes have been linked to both outbreaks and sporadic cases of waterborne illness. W...

Tags: Canada, Environmental

Atrial fibrillation hospitalization is associated with exposure to fine particulate air pollutants

30 Dec 2019

Although air pollutants have been associated with cardiopulmonary mortality, their effects on the occurrence of atrial fibrillation (Afib) remain unclear. This study examined the association between ambient ai...

Tags: Environmental

Cumulative solar ultraviolet radiation exposure and basal cell carcinoma of the skin in a nationwide US cohort using satellite and ground-based measures

27 Dec 2019

Basal cell carcinoma of the skin (BCC) is the most common cancer in populations of European ancestry. Although consistently linked with basal cell carcinoma of the skin in case-control studies, few prospective...

Tags: United States, Environmental

Associations between indoor environmental quality in schools and symptom reporting in pupil-administered questionnaires

27 Dec 2019

The associations between indoor environmental quality (IEQ) in homes and symptom reporting of children have been extensively studied, but only few large-scale studies have been done in schools. We examined ass...

Tags: Environmental

Intelligence gain and social cost savings attributable to environmental lead exposure reduction strategies since the year 2000 in Flanders, Belgium

27 Dec 2019

Recent lead (Pb) exposure reduction strategies enabled to lower children's blood lead levels (B-Pb) worldwide. This study reports the estimated intelligence gain and social cost savings attributable to recent ...

Tags: Belgium, Environmental

Comments on Vimercati et al., 2019, “Asbestos exposure and malignant mesothelioma of the tunica vaginalis testis: a systematic review and the experience of the Apulia (southern Italy) mesothelioma register”

26 Dec 2019

Tags: Italy, Environmental

Response to the “Letter to the Editor” by Gabor Mezei et al., Comments on Vimercati et al., 2019, “Asbestos exposure and malignant mesothelioma of the tunica vaginalis testis: a systematic review and the experience of the Apulia (Southern Italy) mesothelioma register”

26 Dec 2019

Tags: Italy, Environmental

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Health & Place

The utility of conceptualisations of place and belonging in workforce retention: A proposal for future rural health research

01 Jan 2020

Publication date: Available online 31 December 2019 Source: Health & Place Author(s): Christina Malatzky, Catherine Cosgrave, Judy Gillespie Abstract This paper explores the utility of sense of place, place attachment and belonging-in-place for research into rural health workforce retention

Tags: Health Care

How do perceived changes in inequality affect health?

29 Dec 2019

Publication date: Available online 26 December 2019 Source: Health & Place Author(s): Alexi Gugushvili, Aaron Reeves, Ewa Jarosz Abstract Individuals do not possess an entirely accurate assessment of the level of income differences in their society and so changes in quantitative measures of income inequality may not always align with changes in the perceptions of income inequality

Loneliness and depression among older European adults: The role of perceived neighborhood built environment 2 hits

29 Dec 2019

Publication date: Available online 28 December 2019 Source: Health & Place Author(s): Joan Domènech-Abella, Jordi Mundó, Matilde Leonardi, Somnath Chatterji, Beata Tobiasz-Adamczyk, Seppo Koskinen, Jose Luis Ayuso-Mateos, Josep Maria Haro, Beatriz Olaya Abstract Depression and loneliness act in a synergistic way among older adults

Tags: Europe

“I’m a foreigner there”: Landscape, wellbeing and the geographies of home

29 Dec 2019

Publication date: Available online 25 December 2019 Source: Health & Place Author(s): Naomi Wood, Daryl Martin Abstract The experience of migration brings particular challenges for wellbeing, especially as an individual's sense of disconnection from previous homes can persist over many years

Beyond landscape's visible realm: Recorded sound, nature, and wellbeing

29 Dec 2019

Publication date: Available online 27 December 2019 Source: Health & Place Author(s): Victoria Bates, Clare Hickman, Helen Manchester, Jonathan Prior, Stephanie Singer Abstract This article

draws on an AHRC/EPSRC funded project called 'A Sense of Place: Exploring nature and wellbeing through the non-visual senses'

[\[View more articles online\]](#) [\[back to top\]](#)

International Journal of Environmental Research and Public Health

IJERPH, Vol. 17, Pages 328: Sociodemographic and Regional Determinants of Dietary Patterns in Russia

03 Jan 2020

An empirical assessment of diets using a posteriori analysis allows us to define actual dietary patterns (DPs) in the food consumption structure of a population. This study represents an a posteriori assessment of DPs for the Russian population in general as well as their dependence on socio-demographic and regional parameters

Tags: International, Russian Federation, Environmental

IJERPH, Vol. 17, Pages 329: The Effects of the PLAYTOD Program on Children's Physical Activity at Preschool Playgrounds in a Deprived Urban Area: A Randomized Controlled Trial

03 Jan 2020

Interventions to improve children's physical activity in Early Childhood Education and Care (ECEC) settings are needed. This randomized controlled trial examines the effects of a preschool-based playground program for ECEC teachers in a deprived urban area. On intervention preschools, the PLAYgrounds for TODdlers program (PLAYTOD) was performed

Tags: International, Environmental

IJERPH, Vol. 17, Pages 310: Survival Time of Visual Gains after Diabetic Vitrectomy and Its Relationship with Ischemic Heart Disease

02 Jan 2020

Vitrectomy surgery in proliferative diabetic retinopathy improves the vision-related quality of life. However, there is lack of data on the duration of maintenance of visual gains post vitrectomy. This study thus aimed to determine the survival time of visual gains and the prognostic factors of vision loss after vitrectomy surgery for complications of proliferative diabetic retinopathy

Tags: International, Environmental

IJERPH, Vol. 17, Pages 312: A Qualitative Analysis of an Aerobic Interval Training Programme for Obese Outpatients Carried Out in a Hospital Context

02 Jan 2020

Purpose: To describe the experience of obese adults following participation in an indoor aerobic interval training (AIT) intervention. Methodology: Qualitative, in-depth semi-structured individual interviews, using phenomenology, with 24 obese adults (body mass index (BMI) ≥ 30 kg/m²) from the Endocrinology Department, at the Severo Ochoa Hospital in Leganés (Madrid)

Tags: International, Environmental, Health Care

IJERPH, Vol. 17, Pages 311: Community Health Survey of Residents Living Near a Solid Waste Open Dumpsite in Sabak, Kelantan, Malaysia

02 Jan 2020

The management of waste materials is a serious problem worldwide, especially in urbanizing countries like Malaysia. This study was conducted to compare the prevalence of health symptoms and diseases diagnosed among residents exposed to the solid waste open dumpsite in the suburb of Sabak with the non-exposed community

Tags: International, Malaysia, Environmental, Health Care

IJERPH, Vol. 17, Pages 314: Challenges in Infection Epidemiology: On the Underreporting of Norovirus Gastroenteritis Cases in Germany

02 Jan 2020

It is commonly accepted that the number of officially reported incidences of norovirus (NoV) according to the German Protection against Infection Act (Infektionsschutzgesetz) does not reflect the 'true' incidence of NoV in Germany. This study aims to reveal the reasons for the underreporting of NoV cases by comparing secondary data

Tags: International, Germany, Environmental

IJERPH, Vol. 17, Pages 313: Effects of the Affordable Care Act on the Receipt of Colonoscopies among the Insured Elderly

02 Jan 2020

Background: The Affordable Care Act (ACA) waived deductibles and eliminated coinsurance for colonoscopies for Medicare beneficiaries beginning in January 1, 2011. This study investigated the effect of the ACA's directive to remove the financial barriers on the receipt of colonoscopies among the elderly insured, who are predominantly covered by Medicare

Tags: International, Environmental, Insurance & Reinsurance

IJERPH, Vol. 17, Pages 315: Assessing the Treatment of Potential Effect Modifiers Informing World Health Organisation Guidelines for Environmental Noise

02 Jan 2020

Methodologies employed in the production of systematic reviews used to inform policy must be robust. In formulating the recent World Health Organisation (WHO) Environmental Noise Guidelines for the European Region, seven systematic reviews of evidence were commissioned to assess the relationship between environmental noise exposure and a range of health outcomes, six of which were nonauditory

Tags: International, Environmental, Health Care

IJERPH, Vol. 17, Pages 316: Snowboarders' Knowledge of the FIS Rules for Conduct on Ski Slopes

02 Jan 2020

The objective of the present study is to assess snowboarders' general perceptions of safety and knowledge of existing rules and both active and passive knowledge of the International Ski Federation (FIS) regulations in order to contribute to defining target groups for specific educational interventions in the field of injury prevention

Tags: International, Environmental

IJERPH, Vol. 17, Pages 317: Relation Modeling of Factors Influencing Life Satisfaction and Adaptation of Korean Older Adults in Long-Term Care Facilities

02 Jan 2020

This study aimed to model and examine the relationship between the factors influencing the adaptation ability and life satisfaction of the elderly people living in long-term care facilities. This study used a cross-sectional descriptive design and relation prediction modeling

Tags: International, Environmental

IJERPH, Vol. 17, Pages 318: Public Preference for Electric Vehicle Incentive Policies in China: A Conjoint Analysis

02 Jan 2020

In order to mitigate energy consumption and greenhouse gas emission in the transportation sector, countries around the world have generally adopted electric vehicles (EVs) as a new development direction of the automobile industry

Tags: International, China, Environmental

IJERPH, Vol. 17, Pages 321: Experiences of Tobacco Use among Chinese Individuals with Schizophrenia in Community-Based Residential Settings: A Qualitative Study

02 Jan 2020

Although there is a high prevalence of smoking among individuals with schizophrenia, no previous attempt has been made to explore experiences of tobacco use and cessation within a Chinese sample of this population

Tags: International, Environmental

IJERPH, Vol. 17, Pages 319: Application of Spatiotemporal Hybrid Model of Deformation in Safety Monitoring of High Arch Dams: A Case Study

02 Jan 2020

As an important feature, deformation analysis is of great significance to ensure the safety and stability of arch dam operation. In this paper, Jinping-I arch dam with a height of 305 m, which is the highest dam in the world, is taken as the research object. The deformation data representation method is analyzed, and the processing method of deformation spatiotemporal data is discussed

Tags: International, Environmental

IJERPH, Vol. 17, Pages 320: Preventability of Colorectal Cancer in Saudi Arabia: Fraction of Cases Attributable to Modifiable Risk Factors in 2015–2040

02 Jan 2020

A rise in colorectal cancer (CRC) burden is expected around the globe. This study aimed to determine the population attributable fractions (PAFs) of CRC cases contributed by modifiable risk factors in Saudi Arabia. The PAF was calculated for modifiable risk factors with strong evidences of a causal association with CRC

Tags: International, Saudi Arabia, Environmental

IJERPH, Vol. 17, Pages 322: The Association of Emotional and Physical Reactions to Perceived Discrimination with Depressive Symptoms among African American Men in the Southeast

02 Jan 2020

This study examines the association of emotional and physical reactions to perceived discrimination with depressive symptoms among a sample of African American (AA) men in the southeastern United States

Tags: International, Discrimination, Environmental

IJERPH, Vol. 17, Pages 326: Application of Cardio-Forecasting for Evaluation of Human—Operator Performance

02 Jan 2020

The paper presents the results of the development of the cardio-forecasting technology, which introduces a new method to monitor the state of human-operator, which is characteristic for the given production conditions and for individual operators, to predict the moment of exhaustion of his/her working capacity

Tags: International, Environmental

IJERPH, Vol. 17, Pages 323: Development and Validation of a Homemade, Low-Cost Laparoscopic Simulator for Resident Surgeons (LABOT)

02 Jan 2020

Several studies have demonstrated that training with a laparoscopic simulator improves laparoscopic technical skills. We describe how to build a homemade, low-cost laparoscopic training simulator (LABOT) and its validation as a training instrument

Tags: International, Environmental

IJERPH, Vol. 17, Pages 325: A Pilot Biomonitoring Study of Cumulative Phthalates Exposure among Vietnamese American Nail Salon Workers

02 Jan 2020

Many California nail salon workers are low-income Vietnamese women of reproductive age who use nail products daily that contain androgen-disrupting phthalates, which may increase risk of male reproductive tract abnormalities during pregnancy. Yet, few studies have characterized phthalate exposures among this workforce

Tags: International, Environmental

IJERPH, Vol. 17, Pages 327: Sex Disparity in Response to Hepatitis B Vaccine Related to the Age of Vaccination

02 Jan 2020

Hepatitis B virus (HBV) infection is one of the major infectious hazards for health-care workers (HCWs) because of the frequency of percutaneous exposures to blood or body fluids. For this reason, all HCWs should be vaccinated, including students in medicine and health professional degree programs

Tags: International, Environmental

IJERPH, Vol. 17, Pages 324: Social Noise Exposure in a Sample of Slovak University Students

02 Jan 2020

Purpose: Social noise exposure is currently an emerging problem in adolescents and young adults. Various leisure time activities may be responsible for hearing impairment (temporary or permanent hearing threshold shift or hearing loss)

Tags: International, Environmental

IJERPH, Vol. 17, Pages 294: Agility Testing in Youth Football (Soccer) Players; Evaluating Reliability, Validity, and Correlates of Newly Developed Testing Protocols

01 Jan 2020

Reactive agility (RAG) and change of direction speed (CODS) are important determinants of success in football (soccer), but there is an evident lack of information on reliable and valid football-specific testing procedures which will be applicable in defining sport-specific RAG and CODS in youth players

Tags: International, Environmental

IJERPH, Vol. 17, Pages 296: The State of School Infrastructure in the Assembly Constituencies of Rural India: Analysis of 11 Census Indicators from Pre-Primary to Higher Education

01 Jan 2020

In India, assembly constituencies (ACs), represented by elected officials, are the primary geopolitical units for state-level policy development. However, data on social indicators are traditionally reported and analyzed at the district level, and are rarely available for ACs

Tags: International, Education, Environmental

IJERPH, Vol. 17, Pages 295: Financial Catastrophism Inherent with Out-of-Pocket Payments in Long Term Care for Households: A Latent Impoverishment

01 Jan 2020

Background: Out-of-pocket (OOP) payments are configured as an important source of financing long-term care (LTC). However, very few studies have analyzed the risk of impoverishment and catastrophic effects of OOP in LTC

Tags: International, Banking, Environmental

IJERPH, Vol. 17, Pages 297: Does the Connectivity of Urban Public Green Space Promote Its Use? An Empirical Study of Wuhan

01 Jan 2020

A high greenness level can enhance green space use and outdoor physical activity. However, rapid urbanization and high-density development have led to the loss or fragmentation of green space, especially urban public green space (PGS)

Tags: International, Environmental

IJERPH, Vol. 17, Pages 299: Prevalence of Workplace Physical Violence against Health Care Professionals by Patients and Visitors: A Systematic Review and Meta-Analysis

01 Jan 2020

Workplace physical violence against health care professionals perpetrated by patients and visitors has been a persistent problem worldwide. Prevalence estimates varied vastly across studies and there was a lack of quantitative syntheses of prevalence studies. This review aimed to quantify pooled one-year prevalence estimates at the global and regional levels

Tags: International, Environmental, Health Care

IJERPH, Vol. 17, Pages 301: Multi-Agents-Based Modeling and Simulation for Carbon Permits Trading in China: A Regional Development Perspective

01 Jan 2020

China has been actively taking actions to control carbon emissions and promoting development of a carbon market. However, there are many disadvantages in a carbon market, owing to various designs and policies still under trial and implementation

Tags: International, China, Environmental

IJERPH, Vol. 17, Pages 300: Laboratory Parameters of Hemostasis, Adhesion Molecules, and Inflammation in Type 2 Diabetes Mellitus: Correlation with Glycemic Control

01 Jan 2020

Background: Type 2 diabetes mellitus (T2DM) is characterized by a prothrombotic state, predisposing to vascular complications. Some related markers, linking thrombophilia to hemostasis and inflammation, however, have been poorly explored in relation to patients' glycemia

Tags: International, Environmental

IJERPH, Vol. 17, Pages 302: A Survey of Koreans on Sleep Habits and Sleeping Symptoms Relating to Pillow Comfort and Support

01 Jan 2020

The number of people who complain of sleep disturbances is steadily increasing. An understanding of sleep-related factors is required to address sleep problems. This survey study investigated the sleep habits and sleeping symptoms relating to the comfort and support characteristics of pillows and the relationship between sleep quality and pillow design factors

Tags: International, Environmental

IJERPH, Vol. 17, Pages 303: Occupational Class and Cancer Survival in Korean Men: Follow-Up Study of Nation-Wide Working Population

01 Jan 2020

Background: We aimed to describe inequalities in site-specific cancer survival across different occupational classes in Korean men. Methods: Subjects included cancer diagnosed members of the national employment insurance program during 1995–2008. A total of 134,384 male cases were followed by linking their data to the Death registry until 2009

Tags: International, Environmental

IJERPH, Vol. 17, Pages 298: Bisphenol a Exposure, DNA Methylation, and Asthma in Children

01 Jan 2020

Epidemiological studies have reported the relationship between bisphenol A (BPA) exposure and increased prevalence of asthma, but the mechanisms remain unclear. Here, we investigated whether BPA exposure and DNA methylation related to asthma in children. We collected urinary and blood samples from 228 children (Childhood Environment and Allergic Diseases Study cohort) aged 3 years

Tags: International, Environmental

IJERPH, Vol. 17, Pages 304: Spatiotemporal Variation of the Association between Urbanicity and Incident Hypertension among Chinese Adults

01 Jan 2020

Urbanization is believed to result in a transition towards energy-dense diets, sedentary lifestyles, and a subsequent increase in the burden of hypertension (HTN) and other cardiovascular diseases (CVDs) in developing countries. However, the extent to which this occurs is likely dependent on social contexts

Tags: International, Environmental

IJERPH, Vol. 17, Pages 306: Analysis of Human Papillomavirus (HPV) 16 Variants Associated with Cervical Infection in Italian Women

01 Jan 2020

This study aims to evaluate HPV16 variants distribution in a population of Italian women living in two different regions (Lombardy and Sardinia) by sequence analyses of HPV16-positive cervical samples, in order to reconstruct the phylogenetic relationship among variants to identify the currently circulating lineages

Tags: International, Italy, Environmental

IJERPH, Vol. 17, Pages 305: Effect of Information Disclosure Policy on Control of Infectious Disease: MERS-CoV Outbreak in South Korea

01 Jan 2020

This study examined the effect of disclosing a list of hospitals with Middle East respiratory syndrome coronavirus (MERS-CoV) patients on the number of laboratory-confirmed MERS-CoV cases in South Korea. MERS-CoV data from 20 May 2015 to 5 July 2015 were from the Korean Ministry of Health & Welfare website and analyzed using segmented linear autoregressive error models for interrupted time series

Tags: International, Korea, Republic Of, Environmental

IJERPH, Vol. 17, Pages 307: Does Daily Physical Activity Level Determine the Physical Efficiency of Children After Treatment of Leukemia?

01 Jan 2020

The aim of the study was to assess daily physical activity level and its influence on the physical efficiency of children after the treatment of leukemia. The study was comprised of 34 children (23 boys and 11 girls) after the treatment of acute lymphoblastic leukemia or myeloid leukemia (mean age of 11.29 ± 2.81 years, mean body height of 146.88 ± 16.11 cm, and mean body weight of 43.68 ± 13)

Tags: International, Environmental

IJERPH, Vol. 17, Pages 309: Physical Fitness as Part of the Health and Well-Being of Students Participating in Physical Education Lessons Indoors and Outdoors

01 Jan 2020

The analysis of existing information on physical activity and fitness as elements of health and well-being reveals that they are achieved particularly effectively in contact with nature. Physical

education lessons outdoors, as a form of healthy training, have been performed in numerous countries for years, providing a response to the traditional indoor model of this kind of education

Tags: International, Education, Environmental, Health Care

IJERPH, Vol. 17, Pages 308: Injury Prevention: Freestylers' Awareness of FIS Code of Conduct for Snow Parks

01 Jan 2020

The objectives of the present study were to assess general perceptions of safety in snow parks (SPs), general knowledge of rules existence, and both active and passive awareness of the International Ski Federation (FIS) rules contained in its Code of Conduct for SPs in order to define target groups for injury prevention-specific education interventions

Tags: International, Environmental

IJERPH, Vol. 17, Pages 275: Paternal and Maternal Variables Related to Depression in Childhood

31 Dec 2019

Several studies have highlighted the relationship between parenting styles and depression in children. The aim of this study is to ascertain whether there are differences in the parenting practices received by two groups of children who obtain low-risk and high-risk scores respectively in relation to depression and determine which parenting variables are linked with the presence or absence of

Tags: International, Environmental

IJERPH, Vol. 17, Pages 277: The Improved Effects of a Multidisciplinary Team on the Survival of Breast Cancer Patients: Experiences from China

31 Dec 2019

This study aimed to explore whether different multidisciplinary team (MDT) organizations have different effects on the survival of breast cancer patients. A total of 16354 patients undergoing breast cancer surgery during the period 2006–2016 at the Fudan University Shanghai Cancer Center were retrospectively extracted

Tags: International, China, Environmental

IJERPH, Vol. 17, Pages 276: Academic Effects of the Use of Flipped Learning in Physical Education

31 Dec 2019

The technological characteristics of today's society have favored the inclusion of information and communication technology (ICT) and the emergence of new training methodologies in educational spaces. This study addresses flipped learning as an innovative approach in the teaching and learning processes of physical education at two educational stages, primary and secondary education

Tags: International, Education, Environmental

IJERPH, Vol. 17, Pages 278: Probiotic Properties of Bacillus Strains Isolated from Stingless Bee (*Heterotrigona itama*) Honey Collected across Malaysia

31 Dec 2019

This study aimed to isolate, identify, and evaluate the probiotic properties of Bacillus species from honey of the stingless bee *Heterotrigona itama*. Bacillus spp. were isolated from five different *H. itama* meliponicultures, and the isolates were characterized through Gram-staining and a catalase test. Tolerance to acidic conditions and bile salt (0

Tags: International, Malaysia, Environmental

IJERPH, Vol. 17, Pages 281: Analysis of Cyclic Imines in Mussels (*Mytilus galloprovincialis*) from Galicia (NW Spain) by LC-MS/MS

31 Dec 2019

Cyclic imines (CIs) are being considered as emerging toxins in the European Union, and a scientific opinion has been published by the European Food Safety Authority (EFSA) in which an assessment of the risks to human health related to their consumption has been carried out

Tags: International, Spain, Environmental

IJERPH, Vol. 17, Pages 279: Effects of Biochar Combined with Nitrogen Fertilizer Reduction on Rapeseed Yield and Soil Aggregate Stability in Upland of Purple Soils

31 Dec 2019

Reduction of soil fertility and production efficiency resulting from excessive application of chemical fertilizers is universal in rapeseed-growing fields. The main objective of our study was to assess the effects of biochar combined with nitrogen fertilizer reduction on soil aggregate stability and rapeseed yield and to identify the relationship between yield and soil aggregate stability

Tags: International, Environmental

IJERPH, Vol. 17, Pages 280: Overview of Stigma against Psychiatric Illnesses and Advancements of Anti-Stigma Activities in Six Asian Societies

31 Dec 2019

Background: In psychiatry, stigma is an attitude of disapproval towards people with mental illnesses. Psychiatric disorders are common in Asia but some Asians receive inadequate treatment. Previous review found that Asians with mental illness were perceived to be dangerous and aggressive

Tags: International, Environmental

IJERPH, Vol. 17, Pages 282: The Relationship between Challenge and Hindrance Stressors and Emotional Exhaustion: The Moderating Role of Perceived Servant Leadership

31 Dec 2019

Schoolteachers worldwide are facing stressful work conditions with heavy responsibilities. Stress may contribute to psychological disorders and physical health issues. The purposes of this study were (1) to investigate whether both challenge and hindrance stressors are positively associated with emotional exhaustion among Chinese schoolteachers and (2) to examine whether perceived servant

Tags: International, Environmental

IJERPH, Vol. 17, Pages 283: A Comparative Study of Biogas Production from Cattle Slaughterhouse Wastewater Using Conventional and Modified Upflow Anaerobic Sludge Blanket (UASB) Reactors

31 Dec 2019

Cattle slaughterhouses generate wastewater that is rich in organic contaminant and nutrients, which is considered as high strength wastewater with a high potential for energy recovery. Work was undertaken to evaluate the efficiency of the 12 L laboratory scale conventional and a modified upflow anaerobic sludge blanket (UASB) reactors (conventional, R1 and modified, R2), for treatment of cattle

Tags: International, Environmental

IJERPH, Vol. 17, Pages 285: Acute Myocardial Infarction Mortality Rates and Trends in Romania between 1994 and 2017

31 Dec 2019

Introduction: The current study aimed to assess recent acute myocardial infarction (AMI) mortality rates and trends in Romania between 1994 and 2017. This dataset is a necessity in the context of the current improvement of emergency protocols, medical addressability, and modernization of hospital infrastructure

Tags: International, Romania, Environmental

IJERPH, Vol. 17, Pages 284: Projective Technique Testing Approach to the Understanding of Psychological Pain in Suicidal and Non-Suicidal Psychiatric Inpatients

31 Dec 2019

Psychological pain is a core clinical factor for understanding suicide, independently from depression. The aim of this study is to assess the role of psychological pain on suicide risk and to evaluate the relationship between psychache and different psychiatric disorders

Tags: International, Environmental

IJERPH, Vol. 17, Pages 286: Application of OECD LSE Framework to Assess Spatial Differences in Rural Green Development in the Arid Shaanxi Province, China

31 Dec 2019

The green development theory proposed by the Organization for Economic Cooperation and Development (OECD) has promoted the harmonious development of the economy, society, and environment in many countries, in particular, it has provided a good option for the coordinative development of economic growth, resource utilization, and ecological protection in rural areas of developing countries

Tags: International, China, Environmental

IJERPH, Vol. 17, Pages 288: Perceptual Styles and Cannabis Consumption Prediction in Young People

31 Dec 2019

Given that risk perception has been found to be both a vulnerability and a protective factor with respect to consumption, the objectives of this study were to find out whether there exist specific patterns of risk perception associated with cannabis use and, if so, how they relate to cannabis consumption and to the sources of information on drugs accessed by young people

Tags: International, Environmental

IJERPH, Vol. 17, Pages 289: A Large Sample Survey of Tibetan People on the Qinghai–Tibet Plateau: Current Situation of Depression and Risk Factors

31 Dec 2019

Background: A depressive state is a negative emotional state characterized by abnormal dejection and unpleasant mood. Long-term depressive symptoms can result in psychological disorders such as depression. However, little is known about the depression status and risk factors of the Tibetan people on the Qinghai–Tibet Plateau

Tags: International, Environmental

IJERPH, Vol. 17, Pages 290: Validation of the Chinese Version of the Revised Internet Gaming Cognition Scale among Adolescents in China: Maladaptive Cognitions as Potential Determinants of Internet Gaming Disorder

31 Dec 2019

Maladaptive gaming cognitions are important determinants of Internet gaming disorder (IGD). Based on a systematic review, a 4-factor Internet gaming cognition scale (IGCS) was previously developed and cross-cultural validation of IGCS is warranted

Tags: International, China, Environmental, Gambling, Internet and E-commerce

IJERPH, Vol. 17, Pages 291: Efficient Removal of Diclofenac from Aqueous Solution by Potassium Ferrate-Activated Porous Graphitic Biochar: Ambient Condition Influences and Adsorption Mechanism

31 Dec 2019

Porous graphitic biochar was synthesized by one-step treatment biomass using potassium ferrate (K_2FeO_4) as activator for both carbonization and graphitization processes. The modified biochar ($Fe@BC$) was applied for the removal of diclofenac sodium (DCF) in an aqueous solution

Tags: International, Environmental

IJERPH, Vol. 17, Pages 287: Differences in Simulated Refractive Outcomes of Photorefractive Keratectomy (PRK) and Laser In-Situ Keratomileusis (LASIK) for Myopia in Same-Eye Virtual Trials

31 Dec 2019

The use of computational mechanics for assessing the structural and optical consequences of corneal refractive procedures is increasing. In practice, surgeons who elect to perform PRK rather than LASIK must often reduce the programmed refractive treatment magnitude to avoid overcorrection of myopia

Tags: International, Environmental

IJERPH, Vol. 17, Pages 292: Spatial-Temporal Variability of Soil Organic Matter in Urban Fringe over 30 Years: A Case Study in Northeast China

31 Dec 2019

The study on soil organic matter (SOM) is of great importance to regional cultivated land use and protection. Based on data collected via continuous and high-density soil samples (0–20 cm) and socio-economic data collected from household survey and local bureau of statistics, this study employs geostatistics and economic statistical methods to investigate the spatial-temporal variation of SOM

Tags: International, China, Environmental

IJERPH, Vol. 17, Pages 293: Relationship between Leadership and Emotional Intelligence in Teachers in Universities and Other Educational Centres: A Structural Equation Model

31 Dec 2019

This study uses an explanatory model of the dimensions of leadership and emotional intelligence according to the methods used in particular teaching environments (universities and other educational institutions). The effect of different kinds of leadership on emotional intelligence dimensions is also established using an explanatory model

Tags: International, Education, Environmental

IJERPH, Vol. 17, Pages 245: Effect of Work Environment on Presenteeism among Aging American Workers: The Moderated Mediating Effect of Sense of Control

30 Dec 2019

With the rapid increase of aging workforces, companies worldwide are concerned with improving the health and working status of older workers. Sense of control is an important psychological variable in sociology but has attracted less attention in studies of occupational health and management

Tags: International, Environmental

IJERPH, Vol. 17, Pages 246: Increased Risk of Site-Specific Cancer in People with Type 2 Diabetes: A National Cohort Study

30 Dec 2019

A retrospective cohort design was used with the objective to evaluate cancer risk among people with type 2 diabetes mellitus (T2DM) in Lithuania. The cohort was established by identifying all patients with the first diagnosis of T2DM in the National Health Insurance Fund database during 2000–2012. Cancer cases were identified by record linkage with the Lithuanian Cancer Registry

Tags: International, Environmental

IJERPH, Vol. 17, Pages 247: Sorption Behavior of Hexabromocyclododecanes (HBCDs) on Weihe River Sediment

30 Dec 2019

The sorption of hexabromocyclododecanes (HBCDs) on sediment affects the fate and transport of HBCDs in rivers. The sorption of HBCDs on sediment from the Weihe River was investigated by performing batch equilibration experiments, and the effects of changing the pH ionic, strength, and humic acid concentration (HA) on sorption were evaluated

Tags: International, Environmental

IJERPH, Vol. 17, Pages 248: Health and Occupational Injury Experienced by Latinx Child Farmworkers in North Carolina, USA

30 Dec 2019

Children as young as 10 years old are hired to work on farms in the United States (U.S.). These children are largely Latinx. Using interview data collected from 202 North Carolina Latinx child farmworkers in 2017, this analysis documents the health characteristics and occupational injuries of Latinx child farmworkers and delineates characteristics associated with their health and occupational

Tags: International, United States, Environmental, Health Care

IJERPH, Vol. 17, Pages 249: Assessing and Improving the Quality in Mental Health Services

30 Dec 2019

Background: The mental health of the population consists of the three essential pillars of quality of life, economy, and society. Mental health services take care of the prevention and treatment of mental disorders and through them maintain, improve, and restore the mental health of the population

Tags: International, Environmental, Health Care

IJERPH, Vol. 17, Pages 253: Seed Biopriming with Salt-Tolerant Endophytic *Pseudomonas geniculata*-Modulated Biochemical Responses Provide Ecological Fitness in Maize (*Zea mays* L.) Grown in Saline Sodic Soil

30 Dec 2019

Under changing climate, soil salinity and sodicity is a limiting factor to crop production and are considered a threat to sustainability in agriculture. A number of attempts are being made to develop microbe-based technologies for alleviation of toxic effects of salts

Tags: International, Environmental

IJERPH, Vol. 17, Pages 251: Differences between WHO Growth Standards and China Growth Standards in Assessing the Nutritional Status of Children Aged 0–36 Months Old

30 Dec 2019

Background: At present, whether to use the World Health Organization's (WHO) growth standards or native growth standards to assess the nutritional status in a given population is unclear. This study aimed to compare the differences between the WHO's growth standards and China's growth standards in assessing the nutritional status of children aged 0–36 months

Tags: International, China, Environmental

IJERPH, Vol. 17, Pages 255: The Effectiveness of Digital Interventions for Psychological Well-Being in the Workplace: A Systematic Review Protocol

30 Dec 2019

Objective: Psychological well-being has been associated with desirable individual and organisational outcomes. This systematic review aims to assess the effectiveness of digital interventions for the improvement of psychological well-being and/or the prevention/management

of poor mental well-being in the workplace. Methods: This review protocol is registered in PROSPERO (CRD42019142428)

Tags: International, Environmental

IJERPH, Vol. 17, Pages 250: Bridging the Gap between Authentic Leadership and Employees Communal Relationships through Trust

30 Dec 2019

Authentic leadership has emerged as a positive relational-leadership approach that has gained the attention of academicians and practitioners by stimulating a healthy work environment. This study examined the direct influence of authentic leadership on employees' communal relationships

Tags: International, Employment, Environmental

IJERPH, Vol. 17, Pages 252: Impact of High-Density Urban Built Environment on Chronic Obstructive Pulmonary Disease: A Case Study of Jing'an District and Shanghai

30 Dec 2019

Respiratory health is a focus of interdisciplinary studies involving urban planning and public health. Studies have noted that urban built environments have impacts on respiratory health by influencing air quality and human behavior such as physical activity

Tags: International, Environmental

IJERPH, Vol. 17, Pages 254: Examining Predictors and Outcomes of Decent Work Perception with Chinese Nursing College Students

30 Dec 2019

Drawing on the psychology of working theory (PWT), the present study was performed to evaluate the predictor session of the PWT and career exploration behavior with a sample of Chinese nursing college students from diverse backgrounds. The research employed a cross-sectional research design and 854 nursing students were recruited from one health vocational college situated in Northwest China

Tags: International, Mining, Environmental

IJERPH, Vol. 17, Pages 257: Alcohol Consumption Frequency of Parents and Stress Status of Their Children: Korea National Health and Nutrition Examination Survey (2007–2016)

30 Dec 2019

Background: The effect of stress on mental health has been increasingly acknowledged. Drinking habits are closely inter-related with stress and each affects the other. However, only limited studies addressed the effects of alcohol consumption on family members apart from spouses

Tags: International, Environmental, Health Care

IJERPH, Vol. 17, Pages 259: Mortality in Different Mountain Sports Activities Primarily Practiced in the Winter Season—A Narrative Review

30 Dec 2019

Annually, millions of people engage in mountain sports activities all over the world. These activities are associated with health benefits, but concurrently with a risk for injury and death. Knowledge on death rates is considered important for the categorization of high-risk sports in literature and for the development of effective preventive measures

Tags: International, Environmental, Sports Law

IJERPH, Vol. 17, Pages 260: Subjective Quality of Life and Its Associations among First Episode Psychosis Patients in Singapore

30 Dec 2019

Background—Mental disorders have been found to affect quality of life (QOL) in patients. The current study aimed to determine QOL among first episode psychosis (FEP) patients and explore its associations with sociodemographic as well as clinical factors. Methods—Data for this study

were collected as a part of an Early Psychosis Intervention Program (EPIP)-Smoking and Alcohol use survey

Tags: International, Singapore, Environmental

IJERPH, Vol. 17, Pages 256: Salivary Microbiome and Cigarette Smoking: A First of Its Kind Investigation in Jordan

30 Dec 2019

There is accumulating evidence in the biomedical literature suggesting the role of smoking in increasing the risk of oral diseases including some oral cancers. Smoking alters microbial attributes of the oral cavity by decreasing the commensal microbial population and increasing the pathogenic microbes

Tags: International, Environmental

IJERPH, Vol. 17, Pages 258: Asbestos, Smoking and Lung Cancer: An Update

30 Dec 2019

This review updates the scientific literature concerning asbestos and lung cancer, emphasizing cumulative exposure and synergism between asbestos exposure and tobacco smoke, and proposes an evidence-based and equitable approach to compensation for asbestos-related lung cancer cases

Tags: International, Environmental

IJERPH, Vol. 17, Pages 261: A Systematic Literature Review of Green and Sustainable Logistics: Bibliometric Analysis, Research Trend and Knowledge Taxonomy

30 Dec 2019

Ever-growing globalization and industrialization put forward impending requirements for green and sustainable logistics (G&SL). Over the past decades, G&SL initiatives triggered worldwide deliberations, aiming at easing negative transport externalities and improving supply chain performance

Tags: International, Environmental

IJERPH, Vol. 17, Pages 263: Older Women in Australia: Facing the Challenges of Dual Sensory Loss

30 Dec 2019

With the increase in longevity, the number of women living into old age is rising and higher than that of men. Data was derived from the Melbourne Longitudinal Studies on Healthy Ageing Program, which included 533 women and 467 men aged 65 years and older, in Australia, over 10 years

Tags: International, Australia, Environmental

IJERPH, Vol. 17, Pages 262: Enhancing Subjective Well-Being through Physical Activity for the Elderly in Korea: A Meta-Analysis Approach

30 Dec 2019

The purpose of the current study was to meta-analytically investigate the psychological impacts of physical activity for the elderly population in Korea. The findings from 21 studies, using the comprehensive meta-analysis (CMA) program, indicated that participation in physical activity had a low, but meaningful, impact on the subjective well-being of elderly individuals

Tags: International, Environmental

IJERPH, Vol. 17, Pages 264: Toxic Metals Depuration Profiles from a Population Adjacent to a Military Target Range (Vieques) and Main Island Puerto Rico

30 Dec 2019

Background: The island of Vieques (a municipality of Puerto Rico) was used as a military practice range by the US Navy for more than 60 years. Many studies have reported the presence of toxic metals in soil samples taken from Vieques

Tags: International, Environmental

IJERPH, Vol. 17, Pages 265: How Chinese Consumers' Intentions for Purchasing Eco-Labeled Products Are Influenced by Psychological Factors

30 Dec 2019

This paper studies how consumers' psychological factors influence their intentional purchasing behavior towards eco-labeled products and investigates why consumers choose eco-labeled products. Based on the Theory of Planned Behavior, we develop an extended model including six constructs

Tags: International, Consumer, Environmental

IJERPH, Vol. 17, Pages 267: More Agility to Semantic Similarities Algorithm Implementations

30 Dec 2019

Algorithms for measuring semantic similarity between Gene Ontology (GO) terms has become a popular area of research in bioinformatics as it can help to detect functional associations between genes and potential impact to the health and well-being of humans, animals, and plants

Tags: International, Environmental

IJERPH, Vol. 17, Pages 266: Local–Migrant Interaction in Everyday Life in an Ancient Tourism Town

30 Dec 2019

Daily interaction is a primary means of understanding social change which is of vital importance for community well-being. In tourism host communities, daily interactions among different resident groups reflect tourism's effects which are directly related to tourists' experiences and community harmony

Tags: International, Environmental

IJERPH, Vol. 17, Pages 268: Research on the Industrial Energy Eco-Efficiency Evolution Characteristics of the Yangtze River Economic Belt in the Temporal and Spatial Dimension, China

30 Dec 2019

Based on the panel data of the 11 provinces along the Yangtze River Economic Belt from 1997 to 2015, the super slack-based model (Super-SBM) model is adopted to calculate the provincial-level eco-efficiency of industrial energy. While bringing in time series analysis and spatial differentiation feature analysis, the traditional and spatial Markov probability transition matrix is established

Tags: International, China, Environmental

IJERPH, Vol. 17, Pages 271: Designing Electric Field Responsive Ultrafiltration Membranes by Controlled Grafting of Poly (Ionic Liquid) Brush

30 Dec 2019

Electric responsive membranes have been prepared by controlled surface grafting of poly (ionic liquid) (PIL) on the commercially available regenerated cellulose ultrafiltration membrane. The incorporation of imidazolium ring on membrane surface was evidenced by FTIR (Fourier transformed infra-red) and EDX (energy-dispersive X-ray) spectroscopy

Tags: International, Environmental

IJERPH, Vol. 17, Pages 273: Evaluation of Bioaerosol Bacterial Components of a Wastewater Treatment Plant Through an Integrate Approach and In Vivo Assessment

30 Dec 2019

Wastewater carries different pathogenic and non-pathogenic microorganisms that can be dispersed in the surrounding environment. Workers who frequent sewage treatment plants can therefore be exposed to aerosols that contain a high concentration of potentially dangerous biological agents, or they can come into direct contact with contaminated material

Tags: International, Environmental

IJERPH, Vol. 17, Pages 269: Associations between Handgrip Strength with Adverse Cardiometabolic Health among Representative Korean Adults

30 Dec 2019

Reduced muscle mass and strength are notable features of aging. Loss of muscle mass contributes to cardiometabolic health. Although many studies have focused on skeletal muscle mass, it remains unclear whether muscle strength is beneficial for cardiometabolic health

Tags: International, Environmental, Health Care

IJERPH, Vol. 17, Pages 270: Erratum: Florida Arsenic Distribution Index: Quantifying the Distribution of Past and Present Arsenic Usage

30 Dec 2019

The authors wish to add the following correction to their paper published in IJERPH [...]

Tags: International, United States, Environmental

IJERPH, Vol. 17, Pages 272: Spectral Feature Selection Optimization for Water Quality Estimation

30 Dec 2019

The spatial heterogeneity and nonlinearity exhibited by bio-optical relationships in turbid inland waters complicate the retrieval of chlorophyll-a (Chl-a) concentration from multispectral satellite images. Most studies achieved satisfactory Chl-a estimation and focused solely on the spectral regions from near-infrared (NIR) to red spectral bands

Tags: International, Environmental

IJERPH, Vol. 17, Pages 274: LiveWell RERC State of the Science Conference Report on ICT Access to Support Community Living, Health and Function for People with Disabilities

30 Dec 2019

This article summarizes the proceedings of the three session State of the Science (SOS) Conference that was conducted by the Rehabilitation Engineering Research Center for Community Living, Health and Function (LiveWell RERC) in June 2019 in Toronto, Canada

Tags: International, Environmental, Health Care

IJERPH, Vol. 17, Pages 239: Should We Scale-Up? A Mixed Methods Process Evaluation of an Intervention Targeting Sedentary Office Workers Using the RE-AIM QuEST Framework

29 Dec 2019

Background: Interventions targeting a reduction in sedentary behaviour in office workers need to be scaled-up to have impact. In this study, the RE-AIM QuEST framework was used to evaluate the potential for further implementation and scale-up of a consultation based workplace intervention which targeted both the reduction, and breaking up of sitting time

Tags: International, Environmental

IJERPH, Vol. 17, Pages 240: Quality Assurance in Nursing Education: A Qualitative Study Involving Students and Newly Graduated Nurses

29 Dec 2019

Background: Assuring quality training for future nursing professionals is essential to preserving population health and socio-economic development. Quality assurance in the European Higher Education Area places students in a leading role to transform and improve higher education programs

Tags: International, Education, Environmental

IJERPH, Vol. 17, Pages 242: The Perceived Availability of Online Social Support: Exploring the Contributions of Illness and Rural Identities in Adults with Chronic Respiratory Illness

29 Dec 2019

Joining an online social support group may increase perceived membership to a community, but it does not guarantee that the community will be available when it is needed. This is especially relevant for adults with Chronic Obstructive Pulmonary Disease (COPD), many of whom reside in rural regions and continually negotiate their illness identity

Tags: International, Environmental

IJERPH, Vol. 17, Pages 244: Consumers' Willingness to Pay for Imported Milk: Based on Shanghai, China

29 Dec 2019

Against the backdrop of the continuous large-scale growth of imported milk in China, in this research 310 consumers in Shanghai were used as a sample, and a choice experiment was conducted to study consumer preference and willingness to pay for imported milk. The following product attributes were included: nutrition claim, fat content, flavor, country of origin, and price

Tags: International, China, Consumer, Environmental

IJERPH, Vol. 17, Pages 241: Psychological Profile, Competitive Anxiety, Moods and Self-Efficacy in Beach Handball Players

29 Dec 2019

The first objective of this research was to analyze the relationships between the sports psychological profile, competitive anxiety, mood and self-efficacy in beach handball players. The second objective was to determine the predictive capacity of the psychological profile on competitive anxiety, moods and self-efficacy, which was assessed by linear regression analysis

Tags: International, Environmental

IJERPH, Vol. 17, Pages 243: Lifestyle Habits Predict Academic Performance in High School Students: The Adolescent Student Academic Performance Longitudinal Study (ASAP)

29 Dec 2019

This study aimed to determine if lifestyle habits could predict changes in cognitive control and academic performance in high school students using a longitudinal approach. One hundred and eighty-seven grade seventh to ninth students (mean age: 13.1 ± 1.0 years old) completed a 3-year prospective study

Tags: International, Environmental

IJERPH, Vol. 17, Pages 226: Predominant Mechanisms in the Treatment of Wastewater Due to Interaction of Benzaldehyde and Iron Slag Byproduct

28 Dec 2019

Iron slag is a byproduct generated in huge quantities from recycled remnants of iron and steel factories; therefore, the possibility of using this waste in the removal of benzaldehyde from contaminated water offers an excellent topic in sustainability field

Tags: International, Environmental

IJERPH, Vol. 17, Pages 228: Association of Anxiety over Radiation Exposure and Acquisition of Knowledge Regarding Occupational Health Management in Operation Leader Candidates of Radioactivity Decontamination Workers in Fukushima, Japan: A Cross-Sectional Study

28 Dec 2019

An operation leader (OL) of radioactivity decontamination workers is required by law to have accurate knowledge of occupational health management (OHM) such as working environment management, control of operations, and health management as a field supervisor in Japan

Tags: International, Japan, Environmental, Health Care

IJERPH, Vol. 17, Pages 231: A Technological Scenario for a Healthier, More Equitable and Sustainable Europe in 2040: Citizen Perceptions and Policy Implications

28 Dec 2019

This article aims at exploring, understanding and comparing European citizens' insights and perceptions towards "My life between realities", a positive future scenario which depicts a narrative of reaching healthier, more equitable and sustainable societies by 2040 with the support of technology and technological solutions

Tags: International, Europe, Environmental

IJERPH, Vol. 17, Pages 233: Use of Information Sources on Vaccine-Preventable Diseases in Pregnant Women: An Experience in Ferrara, Italy

28 Dec 2019

The "vaccine hesitancy" and the consequent lowering of vaccination coverage have, on one hand, pushed the Italian government to reintroduce some new compulsory vaccinations for access to schools and, on the other, have imposed a greater effort on health operators to understand the causes and, consequently, to intervene with tools for promotion and health education

Tags: International, Italy, Environmental

IJERPH, Vol. 17, Pages 235: Sedentariness of College Students Is Negatively Associated with Perceived Neighborhood Greenness at Home, but Not at University

28 Dec 2019

Previous studies reported contradictory evidence for associations between perceived greenness and obesity mediated by physical activity, focusing on people's homes or general greenness. Data are lacking in other environments. We studied the association of perceived greenness at home and at university with BMI and physical activity

Tags: International, Environmental

IJERPH, Vol. 17, Pages 237: Exploring the Associations of Walking Behavior with Neighborhood Environments by Different Life Stages: A Cross-Sectional Study in a Smaller Chinese City

28 Dec 2019

Because of high population density and rapid urbanization, different human life stages have distinct growth experiences, leading to different lifestyles and age-spatial separation in the same neighborhood environment, particularly in smaller Chinese cities. The relationship of environment to physical activity may differ from western or larger Chinese cities

Tags: International, Environmental

IJERPH, Vol. 17, Pages 225: Examination of the Responsiveness of the Great Recess Framework—Observational Tool

28 Dec 2019

The purpose of this study was to test the responsiveness of the great recess framework-observational tool (GRF-OT) to detect changes in recess quality. GRF-OT data were collected at two time points (fall 2017 and spring 2018) in four geographically distinct regions of the United States. Following recommendations by Massey et al

Tags: International, Environmental

IJERPH, Vol. 17, Pages 227: Health and Work Environment among Female and Male Swedish Elementary School Teachers—A Cross-Sectional Study

28 Dec 2019

Background and objectives: Changes in teachers' work situation in Sweden since the 1990s may have contributed to an increase in common mental disorders (CMDs) and burnout. However, there is a lack of research in this field

Tags: International, Sweden, Environmental, Health Care

IJERPH, Vol. 17, Pages 229: Spatiotemporal Variations and Factors of Air Quality in Urban Central China during 2013–2015

28 Dec 2019

Spatiotemporal behaviors of particulate matter (PM_{2.5} and PM₁₀) and trace gases (SO₂, NO₂, CO, and O₃) in Hefei during the period from December 2013 to November 2015 are investigated. The mean annual PM_{2.5} (PM₁₀) concentrations are $89.1 \pm 59.4 \mu\text{g}/\text{m}^3$ ($118.9 \pm 66.8 \mu\text{g}/\text{m}^3$) and $61.6 \pm 32.2 \mu\text{g}/\text{m}^3$ (91.3 ± 40)

Tags: International, China, Environmental

IJERPH, Vol. 17, Pages 230: Does Basic Sanitation Prevent Diarrhea? Contextualizing Recent Intervention Trials through a Historical Lens

28 Dec 2019

Three of four recent major sanitation intervention trials found no effect on diarrhea. These results conflicted with longstanding beliefs from decades of literature. To understand this discordance, we placed recent trials into the historical context that preceded them in two ways. First, we evaluated the history of published literature reviews on sanitation and diarrhea

Tags: International, Environmental

IJERPH, Vol. 17, Pages 232: Toxicity Evaluation of Quantum Dots (ZnS and CdS) Singly and Combined in Zebrafish (Danio rerio)

28 Dec 2019

The exponential growth of nanotechnology has led to the production of large quantities of nanomaterials for numerous industrial, technological, agricultural, environmental, food and many other applications. However, this huge production has raised growing concerns about the adverse effects that the release of these nanomaterials may have on the environment and on living organisms

Tags: International, Environmental

IJERPH, Vol. 17, Pages 234: The Effect of Respiratory Muscle Training on the Pulmonary Function, Lung Ventilation, and Endurance Performance of Young Soccer Players

28 Dec 2019

This study investigated whether the addition of eight weeks of inspiratory muscle training (IMT) to a regular preseason soccer training program, including incremental endurance training (IET), would change pulmonary function, lung ventilation, and aerobic performance in young soccer players. Sixteen club-level competitive junior soccer players (mean age 17.63 ± 0.48 years, height 182 ± 0)

Tags: International, Environmental

IJERPH, Vol. 17, Pages 236: Impact of Activity-Based Working and Height-Adjustable Desks on Physical Activity, Sedentary Behavior, and Space Utilization among Office Workers: A Natural Experiment 1 hit

28 Dec 2019

It has been reported that office environment is an important determinant of physical activity (PA) and sedentary behavior (SB) in office workers. However, the effect of changes in office environment (office renovation) is unclear. The purpose of this study was to examine PA, SB, and space utilization changes among office workers in response to office renovation

Tags: International, Environmental

IJERPH, Vol. 17, Pages 238: Temporary Disability Pension, RTW-Intentions, and RTW-Behavior: Expectations and Experiences of Disability Pensioners over 17 Months

28 Dec 2019

Purpose: Individuals receiving a temporary disability pension (TDP) should get the opportunity to return to work (RTW). The current study aims to determine the factors contributing to RTW.

Methods: 453 individuals on TDP were interviewed at three measurement points (T1, T2 = T1 + approximately 7 months, T3 = T1 + approximately 17 months)

Tags: International, Pensions, Environmental

IJERPH, Vol. 17, Pages 189: Mapping the Human Exposome to Uncover the Causes of Breast Cancer

27 Dec 2019

Breast cancer is an important cause of morbidity and mortality for women, yet a significant proportion of variation in individual risk is unexplained. It is reasonable to infer that unexplained breast cancer risks are caused by a myriad of exposures and their interactions with genetic factors

Tags: International, Environmental

IJERPH, Vol. 17, Pages 190: Antimicrobial Air Filters Using Natural Sea Salt Particles for Deactivating Airborne Bacterial Particles

27 Dec 2019

We developed an antimicrobial air filter using natural sea salt (NSS) particles. Airborne NSS particles were produced via an aerosol process and were continuously coated onto the surface of an air filter under various deposition times

Tags: International, Environmental

IJERPH, Vol. 17, Pages 192: How Health Communication via Tik Tok Makes a Difference: A Content Analysis of Tik Tok Accounts Run by Chinese Provincial Health Committees

27 Dec 2019

During the last two decades, social media has immersed itself into all facets of our personal and professional lives. The healthcare sector is no exception, with public health departments now capitalizing on the benefits that social media offers when delivering healthcare education and communication with citizens

Tags: International, Environmental, Health Care

IJERPH, Vol. 17, Pages 194: How Good Is our Place—Implementation of the Place Standard Tool in North Macedonia

27 Dec 2019

This study describes the implementation, in North Macedonia, of a “tool”, initially devised in Scotland, to generate community and stakeholder discussion about the places in which they live and notably a place’s capacity to generate health wellbeing and greater equity among citizens

Tags: International, Environmental

IJERPH, Vol. 17, Pages 196: Sex Differences in Becoming a Current Electronic Cigarette User, Current Smoker and Current Dual User of Both Products: A Longitudinal Study among Mexican Adolescents

27 Dec 2019

This study aimed to assess sex differences in predictors for becoming a current exclusive electronic cigarette (e-cigarette) user, current exclusive smoker, or current dual user (concurrent smoking and e-cigarette use)

Tags: International, Mexico, Environmental

IJERPH, Vol. 17, Pages 198: “There’s Not Really Much Consideration Given to the Effect of the Climate on NCDs”—Exploration of Knowledge and Attitudes of Health Professionals on a Climate Change-NCD Connection in Barbados

27 Dec 2019

Despite widespread awareness of the rise of non-communicable diseases (NCDs) and the growing threat of climate change, little research has explored future health outcomes that will occur at the intersection of these challenges

Tags: International, Barbados, Environmental, Health Care

IJERPH, Vol. 17, Pages 200: Daily Medication Management and Adherence in the Polymedicated Elderly: A Cross-Sectional Study in Portugal

27 Dec 2019

The presence of age-related comorbidities prone elderly patients to the phenomenon of polypharmacy and consequently to a higher risk of nonadherence. Thus, this paper aims to characterize the medication consumption profile and explore the relationship of beliefs and daily medication management on medication adherence by home-dwelling polymedicated elderly people

Tags: International, Portugal, Environmental

IJERPH, Vol. 17, Pages 202: Case-Crossover Method with a Short Time-Window

27 Dec 2019

Numerous epidemiological studies have shown associations between short-term ambient air pollution exposure and various health problems. The time-stratified case-crossover design is a popular technique for estimating these associations. In the standard approach, the case-crossover model is realized by using a conditional logistic regression on data that are interpreted as a set of cases (i.e

Tags: International, Environmental

IJERPH, Vol. 17, Pages 204: Perceived Community Support, Users’ Interactions, and Value Co-Creation in Online Health Community: The Moderating Effect of Social Exclusion

27 Dec 2019

Online health communities (OHCs) face the same problem as other social media platforms in terms of decreasing activity and user attrition. Drawing upon organizational support theory, this study explores how perceived community support affects user interactions and value co-creation which in turn influence their continuous participation

Tags: International, Environmental, Health Care

IJERPH, Vol. 17, Pages 206: Academic Goals and Parental Control in Primary School Children

27 Dec 2019

Parenting styles have been used to explain the effects of family socialization on children’s learning skills. In this research, we have considered build an instrument for evaluating academic goals in the primary school stage, that allows us determine the relationships between the different types of goals and the different ways of establishing and policing the rules that the participants perceive

Tags: International, Environmental

IJERPH, Vol. 17, Pages 208: Leisure-Time Physical Activity Participation Trends 2014–2018: A Cross-Sectional Study in Poland

27 Dec 2019

Objective, the aim is an analysis of sociodemographic factors that had an essential relation with undertaking leisure-time physical activity—LTPA (with particular emphasis on World Health Organization (WHO) health recommendations) by adult Poles from a time-trend perspective

Tags: International, Poland, Environmental

IJERPH, Vol. 17, Pages 211: A Study of Frailty, Mortality, and Health Depreciation Factors in Older Adults

27 Dec 2019

This study used 23 factors (eight interval variables and 15 dummy variables) as proxies for health depreciation. We used 1248 older adults from the Center for Geriatrics and Gerontology of Taichung Veterans General Hospital (Taiwan) to examine the association among frailty, health depreciation, and mortality in older adults

Tags: International, Environmental, Health Care

IJERPH, Vol. 17, Pages 213: Selected Aspects of Using the Telemetry Method in Synthesis of RelNav System for Air Traffic Control

27 Dec 2019

Accuracy is an important factor in air traffic management which is why high requirements are necessary for each navigation system. The aim of this article is to describe the principles of the RelNav system and telemetry and their accuracy

Tags: International, Environmental

IJERPH, Vol. 17, Pages 215: Priming Effects of Water Immersion on Paired Associative Stimulation-Induced Neural Plasticity in the Primary Motor Cortex

27 Dec 2019

We aimed to verify whether indirect-wave (I-wave) recruitment and cortical inhibition can regulate or predict the plastic response to paired associative stimulation with an inter-stimulus interval of 25 ms (PAS25), and also whether water immersion (WI) can facilitate the subsequent PAS25-induced plasticity

Tags: International, Environmental

IJERPH, Vol. 17, Pages 217: Environmental Tax Reform and the “Double Dividend” Hypothesis in a Small Open Economy

27 Dec 2019

In this paper, we build and analyze a general equilibrium model to evaluate the effects of environment tax reform on a small open economy in a “suboptimal environment” with existing tax distortions. We then use the macroeconomic data from the Chongqing Municipality in China to conduct simulations to empirically test our analytic results. Our main findings include the followings

Tags: International, Environmental, Tax

IJERPH, Vol. 17, Pages 219: Temperament and Sense of Coherence: Emotional Intelligence as a Mediator

27 Dec 2019

Sense of coherence (SOC) reflects an individual’s capacity and available resources to deal with stressful situations. For some time now studies have revealed that people differ in their experience of SOC; yet, very little is known about how and through which mechanisms a high level of SOC is formed

Tags: International, Environmental

IJERPH, Vol. 17, Pages 220: Effect of a Comprehensive Health Care Program on Blood Pressure, Blood Glucose, Body Composition, and Depression in Older Adults Living Alone: A Quasi-Experimental Pretest–Posttest Study

27 Dec 2019

This study explored the effects of a comprehensive health-care program (CHCP) on blood pressure, blood glucose, body composition, and depression in older adults living alone. We used a quasi-experimental, two-group, pretest–posttest design. The CHCP consisted of open lectures,

health counseling, exercise classes, nutrition counseling, and self-help group meetings at a local senior welfare center

Tags: International, Environmental, Health Care

IJERPH, Vol. 17, Pages 222: Opportunities for Tailored Support to Implement Smoke-Free Homes: A Qualitative Study among Lower Socioeconomic Status Parents

27 Dec 2019

With the aim of preventing children from being exposed to secondhand smoke, we examined to which level lower socio-economic status (SES) households had implemented home smoking rules and the factors that hampered parents in their process of change toward a complete smoke-free home (SFH)

Tags: International, Environmental

IJERPH, Vol. 17, Pages 224: Effects of Resistance Exercise on Glycated Hemoglobin and Functional Performance in Older Patients with Comorbid Diabetes Mellitus and Knee Osteoarthritis: A Randomized Trial

27 Dec 2019

Type 2 diabetes mellitus (T2DM) is significantly associated with osteoarthritis (OA). This study investigated the effects of two resistance exercise approaches on glycated hemoglobin (HbA1c) level and function performance. Enrolled were 70 older patients with both T2DM and knee OA. The dynamic group performed resistance exercises with an elastic resistance band

Tags: International, Environmental

IJERPH, Vol. 17, Pages 191: Adolescents' Views on Seeking Help for Emotional and Behavioral Problems: A Focus Group Study

27 Dec 2019

This study aimed to get insight into adolescents' views on help-seeking for emotional and behavioral problems. Fourteen focus groups were conducted. Two vignettes, depicting one healthy adolescent with few issues and one adolescent with severe psychosocial problems, were used to structure the focus groups. The focus groups were framed within a youth help-seeking model. Adolescents (mean age of 15

Tags: International, Environmental

IJERPH, Vol. 17, Pages 193: Validity and Reliability of the WIMUTM Inertial Device for the Assessment of Joint Angulations

27 Dec 2019

Range of motion measurement is fundamental in the physical examination and functional evaluation of different joints. WIMUTM is an inertial device that allows the analysis of joint motion easily in real time

Tags: International, Environmental

IJERPH, Vol. 17, Pages 195: Unexpected Prevalence of eae-Positive Escherichia coli in the Animas River, Durango, Colorado

27 Dec 2019

Since 2014, biology students at Fort Lewis College have studied the water quality of the Animas River in Durango, Colorado. Environmental microbiology and molecular biology techniques have been employed to study Escherichia coli isolates from the river and to define characteristics of the bacteria related to public health. E

Tags: International, United States, Environmental

IJERPH, Vol. 17, Pages 197: Willingness to Self-Isolate When Facing a Pandemic Risk: Model, Empirical Test, and Policy Recommendations

27 Dec 2019

Infected people are isolated to minimize the spread of pandemic diseases. Therefore, the factors related to self-isolation (SI) should not be neglected, and it is important to investigate the factors leading the infected (or possibly infected) people to choose to self-isolate

Tags: International, Environmental

IJERPH, Vol. 17, Pages 199: Dispersion Characteristics of Hazardous Gas and Exposure Risk Assessment in a Multiroom Building Environment

27 Dec 2019

The leakage of hazardous chemicals during storage and transport processes is a kind of commonly occurring accident that can pose a serious threat to people's lives and property. This paper aims to investigate the airflow and dispersion characteristics of hazardous gas around a multiroom building, and evaluate the corresponding exposure risks

Tags: International, Oil and Gas, Environmental

IJERPH, Vol. 17, Pages 201: Perfectionism and a Healthy Attitude toward Oneself: Could Humor Be a Resource?

27 Dec 2019

In the framework of the psychology of harmonization, the present study analyzes the relationships of humor styles with perfectionism, controlling for the effects of personality traits. One hundred and forty-eight Italian university students were administered the Italian versions of the HEXACO-60, the Humor Styles Questionnaire, and the short-form version of the Big Three Perfectionism Scale

Tags: International, Environmental

IJERPH, Vol. 17, Pages 203: Climbing Accidents—Prospective Data Analysis from the International Alpine Trauma Registry and Systematic Review of the Literature

27 Dec 2019

Climbing has become an increasingly popular sport, and the number of accidents is increasing in parallel. We aim at describing the characteristics of climbing accidents leading to severe (multisystem) trauma using data from the International Alpine Trauma Registry (IATR) and at reporting the results of a systematic review of the literature on the epidemiology, injury pattern, severity and

Tags: International, Environmental

IJERPH, Vol. 17, Pages 205: Cat and Dog Ownership in Early Life and Infant Development: A Prospective Birth Cohort Study of Japan Environment and Children's Study

27 Dec 2019

Contact with companion animals has been suggested to have important roles in enhancing child development. However, studies focused on child development and pet ownership at a very early age are limited

Tags: International, Japan, Environmental

IJERPH, Vol. 17, Pages 207: Long-Term Effectiveness of Liraglutide for Weight Management and Glycemic Control in Type 2 Diabetes

27 Dec 2019

Background: Liraglutide is the first glucagon-like peptide-1 receptor agonist (GLP-1 RA) based on the human GLP-1 sequence, with potential weight loss benefits, approved for the treatment of type 2 diabetes (T2D) mellitus

Tags: International, Environmental

IJERPH, Vol. 17, Pages 209: Breast Cancer Gone Viral? Review of Possible Role of Bovine Leukemia Virus in Breast Cancer, and Related Opportunities for Cancer Prevention

1 hit

27 Dec 2019

This article is a literature review of research that explored the association of bovine leukemia virus (BLV) infection in humans with breast cancer. It summarizes and evaluates these publications. This review does not provide absolute proof that BLV is a cause of breast cancer, but, based on well-respected epidemiologic criteria for causation, it does suggest that BLV infection could be a breast

Tags: International, Environmental

IJERPH, Vol. 17, Pages 210: Association of Drug Metabolic Enzyme Genetic Polymorphisms and Adverse Drug Reactions in Patients Receiving Rifapentine and Isoniazid Therapy for Latent Tuberculosis

27 Dec 2019

Weekly rifapentine and isoniazid therapy (3HP) is the most frequent treatment for latent tuberculosis infection (LTBI). However, the association between major adverse drug reactions (ADRs) and drug metabolic enzyme single-nucleotide polymorphisms (SNPs) remains unclear

Tags: International, Environmental

IJERPH, Vol. 17, Pages 212: Health-Related Disparities among Migrant Children at School Entry in Germany. How does the Definition of Migration Status Matter?

27 Dec 2019

Background: Migration background is known to be an important risk factor for a number of medical outcomes. Still, relatively little is known about the epidemiologic relevance of different definitions of migration status. Methods: Data from 5250 school entry examinations spanning three consecutive years (2015–2017) were gathered from the Public Health Department in Halle, Germany

Tags: International, Germany, Environmental

IJERPH, Vol. 17, Pages 214: Psychological Safety in Ghana: Empirical Analyses of Antecedents and Consequences

27 Dec 2019

: This study examines psychological safety as a mediator in the relationship between Leader–Member Exchange (LMX) and voice behavior. Based on the conservation of resources theory, a moderated mediation framework was used to examine human capital investments, specifically employee education and tenure, as boundary conditions of this relationship

Tags: International, Environmental

IJERPH, Vol. 17, Pages 216: Simple Prediction of Metabolic Equivalents of Daily Activities Using Heart Rate Monitor without Calibration of Individuals

27 Dec 2019

Background: Heart rate (HR) during physical activity is strongly affected by the level of physical fitness. Therefore, to assess the effects of fitness, we developed predictive equations to estimate the metabolic equivalent (MET) of daily activities, which includes low intensity activities, by % HR reserve (%HRR), resting HR, and multiple physical characteristics

Tags: International, Environmental

IJERPH, Vol. 17, Pages 218: A Software for Calculating the Economic Aspects of Floating Offshore Renewable Energies

27 Dec 2019

The aim of this work is to develop a software to calculate the economic parameters so as to determine the feasibility of a floating offshore renewable farm in a selected location. The software can calculate the economic parameters of several types of offshore renewable energies, as follows: one renewable energy (floating offshore wind—WindFloat, tension leg platform (TLP), and spar; floating wave

Tags: International, Environmental, Information Technology

IJERPH, Vol. 17, Pages 221: Exploring the Impact of Unsafe Behaviors on Building Construction Accidents Using a Bayesian Network

27 Dec 2019

Unsafe behavior is a critical factor leading to construction accidents. Despite numerous studies supporting this viewpoint, the process by which accidents are influenced by construction workers' unsafe behaviors and the extent to which unsafe behaviors are involved in this process remain poorly discussed

Tags: International, Environmental

IJERPH, Vol. 17, Pages 223: Nature Play and Fundamental Movement Skills Training Programs Improve Childcare Educator Supportive Physical Activity Behavior

27 Dec 2019

Background: Physical activity professional development programs for Early Childhood Education and Care (ECEC) educators are a viable strategy for improving preschool children's physical activity behavior. This pilot intervention evaluated the effectiveness of 'nature play' and 'fundamental movement skills' (FMS) professional development programs on ECEC educators' practices on physical activity

Tags: International, Environmental

IJERPH, Vol. 17, Pages 181: The Effect of Climate Change and the Snail-Schistosome Cycle in Transmission and Bio-Control of Schistosomiasis in Sub-Saharan Africa

26 Dec 2019

In the next century, global warming, due to changes in climatic factors, is expected to have an enormous influence on the interactions between pathogens and their hosts. Over the years, the rate at which vector-borne diseases and their transmission dynamics modify and develop has been shown to be highly dependent to a certain extent on changes in temperature and geographical distribution

Tags: International, Environmental

IJERPH, Vol. 17, Pages 183: Does the Credit Cycle Have an Impact on Happiness?

26 Dec 2019

The 2008 international financial crisis triggered a heated discussion of the relationship between public health and the economic environment. We test the relationship between the credit cycle and happiness using the fixed effects model and explore the transmission channels between them by adding the moderating effect. The results show the following empirical regularities

Tags: International, Environmental

IJERPH, Vol. 17, Pages 185: Age and Sex Differences in the Use of Emergency Telephone Consultation Services in Saitama, Japan: A Population-Based Observational Study

26 Dec 2019

The frequency of use of emergency telephone consultation (ETC) services, which is a telephone triage system in Japan, was explored to determine age- and sex-related trends on symptoms/events among Japanese adults. Data were obtained from records of the initial year of ETC services in Saitama Prefecture (from October 2014 to September 2015)

Tags: International, Japan, Environmental

IJERPH, Vol. 17, Pages 187: Study of the Spatio-Temporal Differentiation of Factors Influencing Carbon Emission of the Planting Industry in Arid and Vulnerable Areas in Northwest China

26 Dec 2019

Due to the importance of understanding the relationship between agricultural growth and environmental quality, we analyzed how high-quality agricultural development can affect carbon emissions in Northwest China

Tags: International, China, Environmental

IJERPH, Vol. 17, Pages 182: Community Determinants of Physical Growth and Cognitive Development among Indian Children in Early Childhood: A Multivariate Multilevel Analysis

26 Dec 2019

Inadequate child physical growth and cognitive development share common individual-level risk factors. Less understood is how outcomes co-cluster at the community level and to what extent certain community-level characteristics influence the clustering

Tags: International, Environmental

IJERPH, Vol. 17, Pages 184: Regional Temperature-Sensitive Diseases and Attributable Fractions in China

26 Dec 2019

Few studies have been carried out to systematically screen regional temperature-sensitive diseases. This study was aimed at systematically and comprehensively screening both high- and low-temperature-sensitive diseases by using mortality data from 17 study sites in China located in temperate and subtropical climate zones

Tags: International, China, Environmental

IJERPH, Vol. 17, Pages 186: Breastfeeding and the Risk of Infant Illness in Asia: A Review

26 Dec 2019

Infancy remains the most vulnerable period of human life for death, illness, and establishing a lifetime trajectory of growth and health. It is estimated that there are 5.3 million deaths under five years of age worldwide and approximately 800,000 lives could be saved by improving breastfeeding rates and duration

Tags: International, Environmental

IJERPH, Vol. 17, Pages 188: Pathways Linking Exposure to Community Violence, Self-serving Cognitive Distortions and School Bullying Perpetration: A Three-Wave Study

26 Dec 2019

School bullying is a social phenomenon stemming from a complex interrelationship between the individuals and their environments. Underpinned by the social-ecological models, this study investigated the mediation of self-serving cognitive distortions (CDs) in the relationship between community violence exposure, as a victim and as a witness, and bullying perpetration

Tags: International, Environmental

IJERPH, Vol. 17, Pages 163: The Influence of Tourists' Experience of Quality of Street Foods on Destination's Image, Life Satisfaction, and Word of Mouth: The Moderating Impact of Food Neophobia

25 Dec 2019

Due to growing food-related tourism, there is increasing interest about street foods worldwide, including South Korea. Many types of food-related experiences have been considered as one of the significant elements to develop positive perceptions about a destination, and street food has been recognized as a critical clue for encouraging tourists to a destination

Tags: International, Environmental, Food

IJERPH, Vol. 17, Pages 165: Effectiveness of Mechanical Horse-Riding Simulators on Postural Balance in Neurological Rehabilitation: Systematic Review and Meta-Analysis

25 Dec 2019

Mechanical horse-riding simulators consist of a device that mimics the movement of a real horse, generating between 50 and 100 three-dimensional physical movements (forward and back, left and right, up and down). The main objective of this study is to analyze the effectiveness of mechanical horse-riding simulators to improve postural balance in subjects with neurological disorders

Tags: International, Environmental

IJERPH, Vol. 17, Pages 167: Two-Dimensional Titanium Carbides (Ti₃C₂T_x) Functionalized by Poly(m-phenylenediamine) for Efficient Adsorption and Reduction of Hexavalent Chromium

25 Dec 2019

Titanium carbides (MXenes) are promising multifunctional materials. However, the negative surface charge and layer-by-layer restacking of MXenes severely restrict their application in the field of anionic pollutants, including in hexavalent chromium (Cr(VI))

Tags: International, Environmental

IJERPH, Vol. 17, Pages 169: Consumer Understanding of Food Quality, Healthiness, and Environmental Impact: A Cross-National Perspective

25 Dec 2019

The last few decades testify that consumers' concerns for healthier lifestyles and environment care are driving forces for reshaping food buying intentions and their perspectives on food quality. The present study identifies the importance that consumers attach to quality, health, and environment selected cues of purchased food products

Tags: International, Consumer, Environmental, Food

IJERPH, Vol. 17, Pages 170: Wastewater Treatment by Advanced Oxidation Process and Their Worldwide Research Trends

25 Dec 2019

Background: Water is a scarce resource and is considered a fundamental pillar of sustainable development. The modern development of society requires more and more drinking water. For this cleaner wastewater, treatments are key factors. Among those that exist, advanced oxidation processes are being researched as one of the sustainable solutions

Tags: International, Environmental

IJERPH, Vol. 17, Pages 172: Influence of Personality Traits and Its Interaction with the Phenomenon of Bullying: Multi-Centre Descriptive Study

25 Dec 2019

Bullying affects thousands of teenagers worldwide and has devastating consequences. Various studies suggest that the personality of teenagers is a risk profile for bullying. The aim of this study was to analyse the relationship between the personality of teenagers aged 14 to 16 years from three education centres located in the province of Seville (Spain) and bullying in any of its victim or

Tags: International, Environmental

IJERPH, Vol. 17, Pages 174: Assessing the Effects of Information System Quality and Relationship Quality on Continuance Intention in E-Tourism

25 Dec 2019

The advance of electronic commerce has resulted in successful e-travel services. Through the development of e-travel information, consumers can plan their trip without time and space limitations. This study proposes a model regarding the formation of the relationship quality (customer satisfaction and trust), information system quality, perceived value, and customers' intention to continue in the

Tags: International, Environmental

IJERPH, Vol. 17, Pages 176: Risk of Urticaria in Children with Type 1 Diabetes Mellitus: A Nationwide Cohort Study

25 Dec 2019

: Type 1 diabetes mellitus (T1DM) has been linked to many autoimmune problems. The association between T1DM and urticaria warrants investigation. Data were extracted from the National Health Insurance Research Database (NHIRD) of Taiwan

Tags: International, Environmental

IJERPH, Vol. 17, Pages 178: Improving People's Self-Reported Experience with the Health Services: The Role of Non-Clinical Factors

25 Dec 2019

The main aim of this study was to analyse the association between non-clinical factors and the self-reported experience of people with the main health services of the Spanish public healthcare system. Specifically, we analysed whether factors such as the treatment received from health staff, the confidence transmitted to the patient by the doctor, or waiting time for a diagnostic test had an

Tags: International, Environmental, Health Care

IJERPH, Vol. 17, Pages 162: The Shamba Chef Educational Entertainment Program to Promote Modern Cookstoves in Kenya: Outcomes and Dose-Response Analysis

25 Dec 2019

Background: Globally, an estimated 3.6 billion people rely on solid fuels for cooking over open fires or in simple cookstoves. Universal access to clean cooking fuels and technology by 2030 is a United Nations' Sustainable Development Goal

Tags: International, Education, Environmental

IJERPH, Vol. 17, Pages 164: Prevalence of Vitamin D Deficiency and Its Associated Work-Related Factors among Indoor Workers in a Multi-Ethnic Southeast Asian Country

25 Dec 2019

Little is known about the effect of working conditions on vitamin D status in Southeast Asia, where vitamin D deficiency is common despite the presence of sunlight all year round in most places. We examined the prevalence of vitamin D deficiency and its associated work-related factors among indoor workers using the data of 213 participants (aged ≥ 21 years) from a workplace cohort study in

Tags: International, Environmental

IJERPH, Vol. 17, Pages 166: A Geospatial Analysis of Access to Ethnic Food Retailers in Two Michigan Cities: Investigating the Importance of Outlet Type within Active Travel Neighborhoods 2 hits

25 Dec 2019

To date, the research that examines food accessibility has tended to ignore ethnic food outlets. This void leaves us with a limited understanding of how such food stores may, or may not, impact food security. The study discussed herein addressed this by conducting a geospatial assessment of ethnic food outlet accessibility in two U.S. cities: Flint and Grand Rapids, Michigan

Tags: International, United States, Environmental, Food

IJERPH, Vol. 17, Pages 168: Gender Differences in Motivation and Barriers for The Practice of Physical Exercise in Adolescence

25 Dec 2019

A total of 852 adolescents between 12 and 17 years of age were evaluated ($M = 14.86$, $SD = 1.67$), randomly selected among a population of secondary school and Bacalaureate students. We applied an "ad hoc" questionnaire on sociodemographic data and the Self-Report of Reasons for the Practice of Physical Exercise (AMPEF) and Self-Report of Barriers to the Practice of Physical Exercise (ABPEF)

Tags: International, Environmental

IJERPH, Vol. 17, Pages 171: HIV Care Outcomes among Hispanics/Latinos with Diagnosed HIV in the United States by Place of Birth-2015–2018, Medical Monitoring Project

25 Dec 2019

Relocation from one's birthplace may affect human immunodeficiency virus (HIV) outcomes, but national estimates of HIV outcomes among Hispanics/Latinos by place of birth are limited. We analyzed Medical Monitoring Project data collected in 2015–2018 from 2564 HIV-positive Hispanic/Latino adults and compared clinical outcomes between mainland US-born (referent group), Puerto Rican (PR-born), and

Tags: International, United States, Environmental

IJERPH, Vol. 17, Pages 173: Individual and Regional Characteristics Associated with Maternal Smoking During Pregnancy in Japan: Healthy Parents and Children 21

25 Dec 2019

Smoking during pregnancy causes various maternal and fetal health problems. Although there are considerable differences in maternal smoking proportions between localities, only a few studies have investigated the effects of regional characteristics on maternal smoking behavior

Tags: International, Japan, Environmental

IJERPH, Vol. 17, Pages 175: Association between Chronic Pain and Physical Frailty in Community-Dwelling Older Adults

25 Dec 2019

Seven participants had a diagnosis of dementia; the number of excluded participants differed based on different exclusion processes, and there was missing data of one participant with a dementia diagnosis [...]

Tags: International, Environmental

IJERPH, Vol. 17, Pages 177: The Dose of Fungal Aerosol Inhaled by Workers in a Waste-Sorting Plant in Poland: A Case Study

25 Dec 2019

Bioaerosol monitoring is a rapidly emerging area in the context of work environments because microbial pollution is a key element of indoor air pollution and plays an important role in certain infectious diseases and allergies. However, as yet, relatively little is known about inhaled doses of microorganisms in workplaces

Tags: International, Poland, Environmental

IJERPH, Vol. 17, Pages 179: Comment on Nakai, Y.; Makizako, H.; Kiyama, R.; Tomioka, K.; Taniguchi, Y.; Kubozono, T.; Takenaka, T.; Ohishi, M. Association between Chronic Pain and Physical Frailty in Community-Dwelling Older Adults. *Int. J. Environ. Res. Public Health* 2019, 16, 1330, doi:10.3390/ijerph16081330

25 Dec 2019

In their report, Nakai et al [...]

Tags: International, Environmental, Health Care

IJERPH, Vol. 17, Pages 180: When and How Should Chinese Pregnant Women Exercise? A Longitudinal Study in China

25 Dec 2019

This study aimed to examine when and how physical activity (PA) influences gestational weight gain (GWG) and infant birthweight (BW) by considering the PA's total volume, timing, intensity, and type, controlling for the influence of energy intake. A total of 1272 participants in different stages of pregnancy were recruited from hospital

Tags: International, China, Environmental

IJERPH, Vol. 17, Pages 161: Effect of Exergame Training and Detraining on Lower-Body Strength, Agility, and Cardiorespiratory Fitness in Women with Fibromyalgia: Single-Blinded Randomized Controlled Trial

24 Dec 2019

The aim of this study was to analyze the effects of a 24 week exergame intervention and 24 weeks of detraining on lower-limb strength, agility, and cardiorespiratory fitness in women with fibromyalgia (FM). It was performed as a single-blinded randomized controlled trial of 55 women with FM. University facilities were used

Tags: International, Environmental

IJERPH, Vol. 17, Pages 159: Erratum: Sierra-Diaz, E.; Celis-de la Rosa, A.J.; Lozano-Kasten, F.; Trasande, L.; Peregrina-Lucano, A.A.; Sandoval-Pinto, E.; Gonzalez-Chavez, H. Urinary Pesticide Levels in Children and Adolescents Residing in Two Agricultural Communities in Mexico. Int. J. Environ. Res. Public Health 2019, 16, 562

24 Dec 2019

The authors would like to update some important data in the manuscript. In Table 4, the pesticide means were reported in $\mu\text{g/mL}$, which is incorrect. The correct units are ng/mL (nanograms/milliliter). The same typographical inaccuracy applies for data in the fourth paragraph of the discussion (with minimal values of $0.0020 \mu\text{g/mL}$ and maximal values of 2

Tags: International, Mexico, Environmental, Health Care

IJERPH, Vol. 17, Pages 160: Effect of 12-Week Functional Training Intervention on the Speed of Young Footballers

24 Dec 2019

The aim of the research was to verify the functional state of young football players using selected tests of the Functional Movement Screen (FMS) protocol, as well as the impact of the 12 weeks of functional training on the speed parameters. The research was conducted on 20 highly competitive young (U17) football players

Tags: International, Environmental

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Journal of Urban Health, Online First Webpage

Neighborhood Racial/Ethnic Composition Trajectories and Black-White Differences in Preterm Birth among Women in Texas

02 Jan 2020

Tags: United States

Self-Rated Health and Structural Racism Indicated by County-Level Racial Inequalities in Socioeconomic Status: The Role of Urban-Rural Classification

02 Jan 2020

Tags: Health Care

Foretelling the Future: Predicting STI Diagnosis and Its Implications for Ending the HIV Epidemic among Black Men Who Have Sex with Men

02 Jan 2020

The Role of Social Support in HIV Testing and PrEP Awareness among Young Black Men and Transgender Women Who Have Sex with Men or Transgender Women

02 Jan 2020

Correction to: Association of Time since Migration from Rural to Urban Slums and Maternal and Child Outcomes: Dhaka (North and South) and Gazipur City Corporations

02 Jan 2020

Improving Underestimation of HIV Prevalence in Surveys Using Time-Location Sampling

02 Jan 2020

Sitting or Walking? Analyzing the Neural Emotional Indicators of Urban Green Space Behavior with Mobile EEG

02 Jan 2020

Correction to: Use of Urban Health Indicator Tools by Built Environment Policy- and Decision-Makers: a Systematic Review and Narrative

Synthesis 2 hits

29 Dec 2019

Tags: Health Care

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Lancet - current issue

[Correspondence] The responsibility and potential of public health

02 Jan 2020

In 2019, the Editors proposed that the challenges to halting the Ebola outbreak in the DR Congo are “principally a political problem” and no longer within the scope of public health.¹

[Correspondence] Adapting workforce density threshold to WHO's new antenatal care recommendations

02 Jan 2020

A morning scene at the maternity outpatient waiting room of Chamawa First-Level Hospital in Lusaka, Zambia, struck me because of how overcrowded it was, with almost 100 pregnant women waiting to see one of the few doctors on duty

[Articles] Adhesion-related readmissions after open and laparoscopic surgery: a retrospective cohort study (SCAR update)

02 Jan 2020

Laparoscopic surgery reduces the incidence of adhesion-related readmissions. However, the overall burden of readmissions associated with adhesions remains high. With further increases in the use of laparoscopic surgery expected in the future, the effect at the population level might become larger

[Perspectives] Minds and hearts

02 Jan 2020

“[I]n the mad, mad world of mental healthcare”, writes Nathan Filer, “language is everything”. Unlike many physical diseases, there are no blood or other biological tests to establish the presence or otherwise of a mental illness. To reach a diagnosis a psychiatrist often relies, with scope for misinterpretation, on what the person in front of them says

[Editorial] 2020: a critical year for women, gender equity, and health

02 Jan 2020

2020 is set to be a year of milestones for women, gender equity, and health. 5 years into the Sustainable Development Goals (SDGs), 10 years since the establishment of UN Women, 20 years since the landmark UN Security Council Resolution on Women, Peace and Security, and 25 years since the Beijing Declaration and Platform for Action, 2020 is an important year for reflection, commitment, and action.

[Comment] Why is laparoscopic surgery underutilised?

02 Jan 2020

Abdominal adhesions resulting from surgery can cause long-term morbidity, including chronic abdominal pain, infertility, and bowel obstructions that might require readmission to hospital or surgical re-interventions

[Correspondence] Cigarette prices, smuggling, and deaths in France and Canada

02 Jan 2020

Tripling real cigarette prices would approximately halve cigarette consumption worldwide.¹ Although high excise taxes could increase smuggling, weak customs enforcement (rather than high price) is the main determinant of illegal cigarette sales. Importantly, the tobacco industry actively smuggles its own products.² Illegal sales affect not only revenue but overall sales, and hence mortality

Tags: France, Canada

[Correspondence] Refugees, asylum seekers, and immigrants in clinical trials

02 Jan 2020

In 2017, the National Institutes of Health (NIH) highlighted that current federal regulations should include protections for vulnerable populations (ie, pregnant women, fetuses, neonates, prisoners, and children). The issue of inclusivity specifically for under-represented populations is being debated in government

[Correspondence] The Sydney Statement 2019: normalising global health security online

02 Jan 2020

In June, 2019, delegates from more than 65 countries attended the first international Global Health Security conference in Sydney to debate how to strengthen global health security and contain epidemics at source

Tags: Health Care

[Correspondence] Careful governance of African biobanks

02 Jan 2020

In a World Report,¹ 54gene (a start-up genomics company) was featured as the first pan-African biobank that plans to collect 40 000 biospecimens from ten hospitals in Nigeria by the end of 2019. The World Report¹ has subsequently been reproduced in the media.² In a world where media reports are dominated by fake news, clarification of African biobank initiatives is imperative

[Correspondence] Lower trust in national government links to no history of vaccination

02 Jan 2020

Vaccination is the most successful measure to improve public health; however, vaccine hesitancy is growing worldwide. WHO selected vaccine hesitancy as one of the top ten threats to global health.¹ This phenomenon might be linked to public confidence in governments since vaccination is a public health intervention implemented by governments

[Correspondence] We need to talk about guilt in global health education

02 Jan 2020

Global health is built on a history of unequal relationships, domination, wealth extraction, and hierarchies of what constitutes good knowledge.¹ Richard Horton's Comment² about transcending that global health guilt was a welcome and motivational text for my students of politics of global health.

Tags: Education, Health Care

[Clinical Picture] Empirical treatment of massive lymphadenopathy in a child with mixed type histiocytosis in Kenya

02 Jan 2020

A 4-year-old boy was brought to our hospital with an 18-month history of progressive swelling in his neck. His parents said that over the previous few months he had begun to snore. Before he was seen by us he had been treated empirically at another hospital for extra-pulmonary tuberculosis without any improvement of his symptoms.

[Perspectives] Race as a dynamic state: triangulation in health care

02 Jan 2020

In 1999, political scientist Claire Jean Kim proposed a theory of racial triangulation, in which “relative valorization” of Asians in the USA serves as a way to further dominate Black Americans. Kim's theory challenged the notion of racism as a one-dimensional spectrum, suggesting different groups push and pull against each other

Tags: Health Care

[Perspectives] Medicine: art or science?

02 Jan 2020

“For where there is love of mankind, there is love of the art.”Hippocrates, Precepts

[Obituary] Bogaletch Gebre

02 Jan 2020

Women's rights advocate who campaigned to end female genital mutilation. Born in Zata, Ethiopia, she died in Los Angeles, CA, USA, on Nov 2, 2019, estimated to be aged 66 years.

[Department of Error] Department of Error

02 Jan 2020

Brunner FJ, Waldeyer C, Ojeda F, et al. Application of non-HDL cholesterol for population-based cardiovascular risk stratification: results from the Multinational Cardiovascular Risk Consortium. *Lancet* 2019; 394: 2173–83—In figure 4A of this Article, four probabilities of cardiovascular disease (red circle) have been corrected

[World Report] Poland's Law and Justice party targeting sex education

02 Jan 2020

The ruling Law and Justice party, and other conservatives, are stigmatising effective sex education and hampering access to abortion. Christian Davies reports from Warsaw.

Tags: Poland, Education

[World Report] Thea Litschka-Koen: the snake lady of eSwatini

02 Jan 2020

Treatment and prevention of snakebite have long been neglected. One woman's initiative in eSwatini is making changes. Laura Salm-Reifferscheidt reports from Simunye, eSwatini.

[Editorial] Biosimilars: a new era in access to breast cancer treatment

02 Jan 2020

For the first time, on Dec 18, 2019, WHO granted “prequalification” status to a biosimilar drug, for the treatment of breast cancer. Distinct from generics, biosimilars are interchangeable biological medicines of the same safety, quality, and efficacy in patients

[Comment] Nursing in 2020: a call for papers

02 Jan 2020

Reflecting and supporting WHO's Year of the Nurse and Midwife, which marks the bicentenary of the birth of Florence Nightingale, The Lancet will, in the latter part of 2020, dedicate a weekly issue to the theme of nursing, including issues such as nursing and universal health coverage, nursing education, workforce planning, quality of care, new technologies, task sharing, and nursing as a

[Comment] Offline: Prospects for a New World Order

02 Jan 2020

To be progressive simply means that one believes in the power of social reform to improve the lives of individuals and communities. But to claim to be a progressive today is to be in a diminishing minority. The UK election last month delivered a large majority to a Conservative Party that campaigned on a platform of regression—regression to a state of “splendid isolation”

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Landscape and Urban Planning

Measuring landscape change, lot by lot: Greening activity in response to a vacant land reuse program

01 Jan 2020

Publication date: April 2020 Source: Landscape and Urban Planning, Volume 196 Author(s): Paul H. Gobster, Sara Hadavi, Alessandro Rigolon, William P. Stewart Abstract Urban vacancy is a persistent problem in many cities across the U.S. and globally

Linking yard plant diversity to homeowners' landscaping priorities across the U.S

29 Dec 2019

Publication date: April 2020 Source: Landscape and Urban Planning, Volume 196 Author(s): Josep Padullés Cubino, Meghan L. Avolio, Megan M. Wheeler, Kelli L. Larson, Sarah E. Hobbie, Jeannine Cavender-Bares, Sharon J. Hall, Kristen C. Nelson, Tara L.E. Trammell, Christopher Neill, Diane E. Pataki, J. Morgan Grove, Peter M

Designing a network of green infrastructure for the EU

29 Dec 2019

Publication date: April 2020 Source: Landscape and Urban Planning, Volume 196 Author(s): Virgilio Heroso, Alejandra Morán-Ordóñez, Mónica Lanzas, Lluís Brotons Abstract The EU's Green Infrastructure Strategy aims at developing a strategically planned network of natural and semi-natural areas to support the maintenance of ecosystem services (ESS) and connect protected areas (PAs), promoting in this

Editorial Board

29 Dec 2019

Publication date: March 2020 Source: Landscape and Urban Planning, Volume 195 Author(s):

Wild bees in urban grasslands: Urbanisation, functional diversity and species traits

29 Dec 2019

Publication date: April 2020 Source: Landscape and Urban Planning, Volume 196 Author(s): Sascha Buchholz, Anika K. Gathof, Anita J. Grossmann, Ingo Kowarik, Leonie K. Fischer Abstract While cities are known as important habitats for wild bees, a conceptual understanding of how assemblages of wild bee species are shaped by urban environments is limited

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Preventive Medicine

Rural-urban differences in cannabis detected in fatally injured drivers in the United States

31 Dec 2019

Publication date: Available online 30 December 2019 Source: Preventive Medicine Author(s): Sunday Azagba, Lingpeng Shan, Keely Latham Abstract While there is a vast literature on rural and urban differences in substance use, little is known in terms of cannabis positive drug tests among fatally injured drivers

Tags: United States

A 3-year longitudinal study of effects of parental perception of children's ideal body image on child weight change: The Childhood Obesity Study in China mega-cities

30 Dec 2019

Publication date: Available online 30 December 2019 Source: Preventive Medicine Author(s): Liwang Gao, Lu Ma, Hong Xue, Jungwon Min, Huijun Wang, Youfa Wang Abstract This study examined prevalence of childhood overweight and obesity (ov/ob) and central obesity in five mega-cities across China (Beijing, Shanghai, Xian, Nanjing and Chengdu); described parental perceptions of children's ideal body image

Tags: China

Keys to healthy family child care homes: Results from a cluster randomized trial

30 Dec 2019

Publication date: Available online 30 December 2019 Source: Preventive Medicine Author(s): Dianne S. Ward, Amber E. Vaughn, Regan V. Burney, Derek Hales, Sara E. Benjamin-Neelon, Alison Tovar, Truls Østbye Abstract Early care and education settings, such as family child care homes (FCCHs), are important venues for children's health promotion

Substitution of sugar-sweetened beverages for other beverages and the risk of developing coronary heart disease: Results from the Harvard Pooling Project of Diet and Coronary Disease

29 Dec 2019

Publication date: Available online 26 December 2019 Source: Preventive Medicine Author(s): Amélie Keller, Eilis J. O'Reilly, Vasanti Malik, Julie E. Buring, Ingelise Andersen, Lyn Steffen, Kim Robien, Satu Männistö, Eric B. Rimm, Walter Willett, Berit Heitmann Abstract Sugar-sweetened beverage (SSB) intake is associated with metabolic disorders

Factors associated with adolescent HPV vaccination in the U.S.: A systematic review of reviews and multilevel framework to inform intervention development

29 Dec 2019

Publication date: Available online 24 December 2019 Source: Preventive Medicine Author(s): Serena A. Rodriguez, Patricia Dolan Mullen, Diana M. Lopez, Lara S. Savas, Maria E. Fernandez Abstract Multilevel factors impact HPV vaccine series initiation and completion among adolescents in the U.S. Synthesis of these factors is needed to inform intervention development and to direct future research

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Paid work, household work, or leisure? Time allocation pathways among women following a cancer diagnosis

01 Jan 2020

Publication date: Available online 31 December 2019 Source: Social Science & Medicine Author(s): Ni Gao, Mandy Ryan, Nicolas Krucien, Suzanne Robinson, Richard Norman Abstract Background There is extensive evidence on the relationship between receiving a cancer diagnosis and labour market outcomes

Is there a relationship between welfare-state policies and suicide rates? Evidence from the U.S. states, 2000–2015

29 Dec 2019

Publication date: Available online 26 December 2019 Source: Social Science & Medicine Author(s): Simone Rambotti Abstract Suicide is one of the leading causes of death in the United States. The rise in suicide rates is contributing to the recently observed decline in life expectancy

Health inequalities: Embodied evidence across biological layers

29 Dec 2019

Publication date: Available online 27 December 2019 Source: Social Science & Medicine Author(s): Paolo Vineis, Cyrille Delpierre, Raphaële Castagné, Giovanni Fiorito, Cathal McCrory, Mika Kivimaki, Silvia Stringhini, Cristian Carmeli, Michelle Kelly-Irving Abstract Rationale Socioeconomic disparities have been documented in major non-communicable diseases and in their risk factors, such as obesity,

Tags: Health Care

Mental health effects of long work hours, night and weekend work, and short rest periods

29 Dec 2019

Publication date: Available online 27 December 2019 Source: Social Science & Medicine Author(s): Kaori Sato, Sachiko Kuroda, Hideo Owan Abstract Although the prior literature has examined the relationship between work schedule characteristics and worker mental health, establishing the causal effect of work schedule characteristics is challenging because of endogeneity issues

Tags: Health Care

Measuring public preferences in France for potential consequences stemming from re-allocation of healthcare resources

29 Dec 2019

Publication date: Available online 26 December 2019 Source: Social Science & Medicine Author(s): Nicolas Krucien, Sebastian Heidenreich, Amiram Gafni, Nathalie Pelletier-Fleury Abstract When deciding which new programme to implement and where the additional resources, if needed, will come from, the decision makers need to accommodate the uncertainty of the potential changes in population health and

Tags: France, Health Care

Applying an intersectional framework to understand syndemic conditions among young Black gay, bisexual, and other men who have sex with men

29 Dec 2019

Publication date: Available online 27 December 2019 Source: Social Science & Medicine Author(s): Katherine G. Quinn Abstract Syndemic theory has been useful in illuminating the co-existence and reinforcing nature of multiple health and social conditions that contribute to HIV risk

Higher exposure, lower vulnerability? The curious case of education, gender discrimination, and Women's health

29 Dec 2019

Publication date: Available online 28 December 2019 Source: Social Science & Medicine Author(s): Matthew A. Andersson, Catherine E. Harnois Abstract Workplace gender discrimination persists in

American society and women's experiences of discrimination are linked to diminished mental and physical well-being

Tags: Education, Discrimination

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Transportation Research Part A: Policy and Practice

Analysis of multi-modal commute behavior with feeding and competing ridesplitting services

01 Jan 2020

Publication date: February 2020 Source: Transportation Research Part A: Policy and Practice, Volume 132 Author(s): Zheng Zhu, Xiaoran Qin, Jintao Ke, Zhengfei Zheng, Hai Yang Abstract Public transit is an essential travel mode in many urban areas. Emerging dynamic ridesplitting programs provided by transportation network companies (TNCs) can be a double-edged sword to public transit

Tags: Transport

Factors affecting the adoption and use of urban air mobility

31 Dec 2019

Publication date: February 2020 Source: Transportation Research Part A: Policy and Practice, Volume 132 Author(s): Christelle Al Haddad, Emmanouil Chaniotakis, Anna Straubinger, Kay Plötner, Constantinos Antoniou Abstract Technological advances have recently led to the development of urban air mobility (UAM), an alternative transportation mode with several concepts including vehicles operated by

Tags: Transport

A comprehensive method for the robustness assessment of high-speed rail network with operation data: A case in China

29 Dec 2019

Publication date: February 2020 Source: Transportation Research Part A: Policy and Practice, Volume 132 Author(s): Tao Li, Lili Rong Abstract High-speed rail (HSR) has become a critical infrastructure and even has formed a network in some countries, which plays an increasingly significant part in the modern transport system and exerts increasingly obvious impacts on regional economic activity and

Tags: China, Transport

Impact of public transport strikes on the road network: The case of Athens

29 Dec 2019

Publication date: February 2020 Source: Transportation Research Part A: Policy and Practice, Volume 132 Author(s): Ioanna Spyropoulou Abstract Public transport strikes comprise a form of traffic disruption affecting "normal" traveller behaviour, and result in the increase of traffic congestion, traffic accidents and air pollution

Tags: Transport

Car traffic, habit persistence, cross-sectional dependence, and spatial heterogeneity: New insights using French departmental data

29 Dec 2019

Publication date: February 2020 Source: Transportation Research Part A: Policy and Practice, Volume 132 Author(s): J. Paul Elhorst, Jean-Loup Madre, Alain Pirotte Abstract This paper adopts a dynamic general nesting spatial panel data model with common factors to explore the effect of population density, real household income per capita, car fleet per capita, and real price of gasoline on

Tags: France, Transport

Preference heterogeneity in mode choice for car-sharing and shared automated vehicles 2 hits

29 Dec 2019

Publication date: February 2020 Source: Transportation Research Part A: Policy and Practice, Volume 132 Author(s): Fan Zhou, Zuduo Zheng, Jake Whitehead, Simon Washington, Robert K. Perrons, Lionel Page Abstract Membership-based short-term car rental—more popularly referred to in the marketplace and popular media as “car-sharing”—has been expanding rapidly worldwide

Tags: Transport

The evolving market entry strategy: A comparative study of Southwest and JetBlue

29 Dec 2019

Publication date: February 2020 Source: Transportation Research Part A: Policy and Practice, Volume 132 Author(s): Li Zou, Chunyan Yu Abstract This paper studies the market entry patterns and evolving strategies adopted by Southwest and JetBlue

Tags: Transport

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International Journal of Behavioral Nutrition and Physical Activity - Latest Articles

Adolescents' physical activity: cross-national comparisons of levels, distributions and disparities across 52 countries

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Despite global concerns regarding physical inactivity, limited cross-national evidence exists to compare adolescents' physical activity participation. We analysed data from 52 high- and low-middle income count...

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Longitudinal association of changes in diet with changes in body weight and waist circumference in subjects at high cardiovascular risk: the PREDIMED trial

27 Dec 2019

Consumption of certain foods is associated with long-term weight gains and abdominal fat accumulation in healthy, middle-aged and young, non-obese participants. Whether the same foods might be associated with ...

Tags: International, International

Rural physical activity interventions in the United States: a systematic review and RE-AIM evaluation

27 Dec 2019

Previous reviews of rural physical activity interventions were focused on intervention effectiveness and had reported overall mixed findings. The purpose of this systematic review was to apply the Reach, Efficacy...

Tags: International, United States, International

The relationship between physical activity, mental wellbeing and symptoms of mental health disorder in adolescents: a cohort study

26 Dec 2019

Mental illness is a worldwide public health concern. In the UK, there is a high prevalence of mental illness and poor mental wellbeing among young people. The aim of this study was to investigate whether physi...

Tags: International, International, Health Care

Isotemporal substitution of inactive time with physical activity and time in bed: cross-sectional associations with cardiometabolic health in the PREDIMED-Plus study

23 Dec 2019

This study explored the association between inactive time and measures of adiposity, clinical parameters, obesity, type 2 diabetes and metabolic syndrome components. It further examined the impact of reallocat...

Tags: International, International, Health Care

Correction to: Individualized home-based exercise and nutrition interventions improve frailty in older adults: a randomized controlled trial

23 Dec 2019

Following publication of the original article [1], the author reported that an abbreviation was incorrect in the original article;

Tags: International, International

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