





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NIP. 197809012002122001

Unit kerja: Fakultas Psikologi Universitas

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Bidang ilmu: Psikologi



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 Penulis : Tri Muji Ingarianti, Fendy Suhariadi, Fajrianthi Fajrianthi, **Ika Febrian Kristiana**  
 Jumlah Penulis : 4 orang  
 Status Pengusul : Penulis keempat  
 Identitas Jurnal Ilmiah :  
 a. Nama Jurnal : *International Journal of Environmental Research and Public Health*  
 b. Nomor ISSN : 1661-7827 (print)  
 1660-4601 (online)  
 c. Volume, issues, bulan, tahun: 19, 11121, September, 2022  
 d. Penerbit : *Multidisciplinary Digital Publishing Institute (MDPI)*  
 e. DOI artikel (jika ada) : <https://doi.org/10.3390/ijerph191711121>  
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International Journal of Environmental Research and Public Health

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SUBJECT AREA AND CATEGORY

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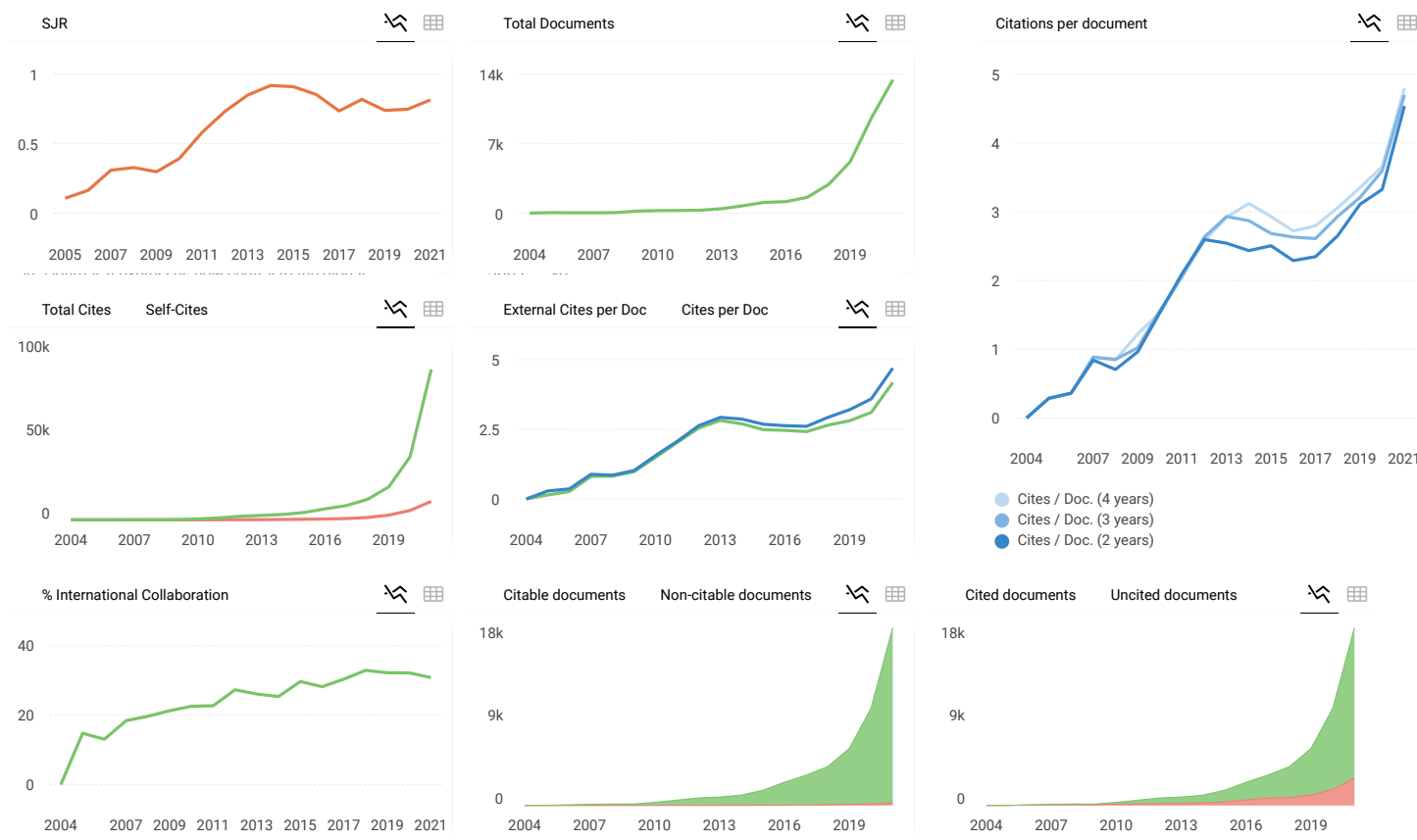
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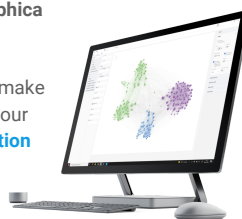
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**Website** (<https://www.researchgate.net/profile/Cristina-Crocamo>)

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**Interests:** demography and statistics; statistical and epidemiological methods applied to health care studies; economic evaluation of health care burden of diseases (in particular applied to cancer); cancer epidemiology





**Dr. Nick Garrett** (<https://sciprofiles.com/profile/1373692>)

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Section Board Member

Department of Biostatistics and Epidemiology, Faculty of Health and Environmental Sciences, Auckland University of Technology, Auckland 1142, New Zealand

**Interests:** biostatistics; clinical sciences; human movement and sports sciences; nursing; public health and health services; epidemiology; psychology



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Section Board Member

Research Centre in Epidemiology and Preventive Medicine (EPIMED), Department of Medicine and Surgery, University of Insubria, 21100 Varese, Italy

**Interests:** molecular epidemiology; public health epigenetics and epigenomics; public health genetics and genomics; cardiovascular prevention; risk prediction; meta-analysis

**Mr. Andrew Gray** (<https://sciprofiles.com/profile/128873>)

**Website** (<https://www.otago.ac.nz/dsm/people/expertise/profile/?id=769>)

Section Board Member

Dunedin School of Medicine, University of Otago, Dunedin 9054, New Zealand

**Interests:** biostatistics; statistics; epidemiology; public health; obesity; nutrition; sleep; physical activity; respiratory health



**Prof. Dr. Daniel A. Griffith** (<https://sciprofiles.com/profile/149672>)

**Website** (<https://www.utdallas.edu/~dag054000/>)

Section Board Member

School of Economic, Political and Policy Sciences, University of Texas at Dallas, Richardson, TX 75080, USA

**Interests:** GIS; spatial statistics; urban public health

**Special Issues, Collections and Topics in MDPI journals**



**Dr. Christopher Keith Haddock**

**Website** (<https://scholar.google.com/citations?user=NphTuVgAAAAJ&hl=en>)

Section Board Member

HOPE Health Research Institute, NDRI-USA, 1920 West 143rd Street, Leawood, KS 66224, USA

**Interests:** statistical modeling; epidemiology; clinical trials; measurement; meta analysis; risk analysis



**Dr. Martine Hamann** (<https://sciprofiles.com/profile/120036>)

**Website** (<https://www.eurekalert.org/multimedia/915570>)

Section Board Member

Department of Neuroscience, Psychology and Behaviour, University of Leicester, Leicester LE1 9HN, UK

**Interests:** hearing loss; tinnitus; neurological disorders; biomarkers; animal model; plasticity; neurosciences

**Special Issues, Collections and Topics in MDPI journals**



**Dr. Malcolm Koo** (<https://sciprofiles.com/profile/149338>)

**Website** (<https://www.dlsph.utoronto.ca/faculty-profile/koo-malcolm/>)

Section Board Member

1. Graduate Institute of Long-Term Care, Tzu Chi University of Science and Technology, Hualien City, Hualien 970302, Taiwan

2. Dalla Lana School of Public Health, University of Toronto, Toronto, ON M5T 3M7, Canada

**Interests:** bibliometrics; epidemiology; health survey; complementary medicine

**Special Issues, Collections and Topics in MDPI journals**





**Dr. Sjaan Koppel** (<https://sciprofiles.com/profile/1185493>)  
**Website** (<https://research.monash.edu/en/persons/sjaanie-koppel>)

Section Board Member

Monash University Accident Research Centre, Monash University, Melbourne 3800, Australia

**Interests:** road safety; crash risk; vulnerable road users; road user behaviour; older road users; child road users; fitness to drive; child restraint systems



**Prof. Dr. Kenneth C. Land** (<https://sciprofiles.com/profile/2108975>)

**Website** (<https://scholars.duke.edu/person/kland>)

Section Board Member

Department of Sociology, Duke University, Durham, NC 27708, USA

**Interests:** mathematical and statistical model; social and demographic processes; contemporary social trends; quality-of-life measurement; demography; criminology

**Special Issues, Collections and Topics in MDPI journals**

**Prof. Dr. Kun Chang Lee** (<https://sciprofiles.com/profile/848616>)

**Website** ([https://biz.skku.edu/eng\\_bizskk/intro/faculty.do?mode=view&perId=LZStrMwRg5gmgsGcgJgZwC4BlgCYDsBjAhgEQAcBFAJQFYBbAQQF5ag%20](https://biz.skku.edu/eng_bizskk/intro/faculty.do?mode=view&perId=LZStrMwRg5gmgsGcgJgZwC4BlgCYDsBjAhgEQAcBFAJQFYBbAQQF5ag%20))

Section Board Member

SKK Business School/Department of Health Sciences & Technology Samsung Advanced Institute for Health Sciences & Technology (SAIHST) Sungkyunkwan University, Seoul 03063, Korea

**Interests:** healthcare management & informatics; precision medicine; Human-computer interaction; AI applications in decision-makings; emotion computing



**Prof. Dr. Woo In Lee** (<https://sciprofiles.com/profile/2344916>)

**Website** ([https://khusm.khu.ac.kr/bbs/board.php?bo\\_table=s2\\_1\\_2&wr\\_id=66&sca=%EC%A7%84%EB%8B%A8%EA%B2%80%EC%82%AC%EC%9D%98%ED%95%99%EA%B5%90%EC%8B%A4](https://khusm.khu.ac.kr/bbs/board.php?bo_table=s2_1_2&wr_id=66&sca=%EC%A7%84%EB%8B%A8%EA%B2%80%EC%82%AC%EC%9D%98%ED%95%99%EA%B5%90%EC%8B%A4))

Section Board Member

Department of Medicine, College of Medicine, Kyung Hee University, Seoul 02447, Korea

**Interests:** diagnostic hematology; laboratory medicine; public health; laboratory accreditation; laboratory management; risk management; quality management



**Dr. Valentina Lorenzoni** (<https://sciprofiles.com/profile/author/aWlyb1JWMSthckREb3dmKytCUnBmS0N3ckFESIR1bjJFckRJdXZpaVBnWT0=>)

**Website** (<https://www.santannapisa.it/en/valentina-lorenzoni>)

Section Board Member

Institute of Management, Scuola Superiore Sant'Anna, 56127 Pisa, Italy

**Interests:** biostatistics; epidemiology; health-economics; digital data; cardiovascular disease; cancer; health behaviour; health inequalities

**Dr. Qingbin Lu**

**Website** (<https://sph.pku.edu.cn/info/1415/4183.htm>)

Section Board Member

Department of Laboratorial Science and Technology & Vaccine Research Center, School of Public Health, Peking University, Beijing 100191, China

**Interests:** epidemiology and bioinformatics of infectious diseases

**Special Issues, Collections and Topics in MDPI journals**



**Dr. Matteo Malvezzi** (<https://sciprofiles.com/profile/426608>)

**Website** (<https://www.researchgate.net/profile/Matteo-Malvezzi>)

Section Board Member

Department of Clinical Sciences and Community Health, University of Milan, 20122 Milano, MI, Italy

**Interests:** cancer; epidemiology; public health; statistics; statistical modelling

**Special Issues, Collections and Topics in MDPI journals**





**Prof. Dr. Clyde F. Martin** (<https://sciprofiles.com/profile/1358596>)

**Website** ([https://sites.nationalacademies.org/PGA/Jefferson/PGA\\_070561](https://sites.nationalacademies.org/PGA/Jefferson/PGA_070561))

Section Board Member

Department of Mathematics and Statistics, Texas Tech University, Lubbock, TX 79409, USA

**Interests:** control theory and the development and analysis of mathematical and statistical models in agriculture, the environment and medicine

**Special Issues, Collections and Topics in MDPI journals**



**Prof. Dr. Jose Maria Martin Moreno** (<https://sciprofiles.com/profile/409308>)

**Website** (<https://www.esmo.org/about-esmo/profiles/jose-martin-moreno>)

Section Board Member

Department of Preventive Medicine, Epidemiology and Public Health, University of Valencia, 46010 Valencia, Spain

**Interests:** essential public health operations; public health services; epidemiology and prevention of cancer and NCDs; control and preparedness for epidemic outbreaks and pandemics; global health

**Special Issues, Collections and Topics in MDPI journals**



**Dr. Mohsen Mazidi** (<https://sciprofiles.com/profile/1827960>)

**Website1** (<https://www.ndph.ox.ac.uk/team/mohsen-mazidi>) **Website2** (<https://kclpure.kcl.ac.uk/portal/mohsen.1.mazidi.html>)

Section Board Member

1. Clinical Trial Service Unit and Epidemiological Studies Unit (CTSU), Nuffield Department of Population Health, University of Oxford, Oxford OX3 7LF, UK

2. Department of Twin Research & Genetic Epidemiology, South Wing St Thomas', King's College London, London SE1 7EH, UK

**Interests:** personalized nutrition; metabolomics; microbiome; nutritional epidemiology; mendelian randomization; non-communicable diseases

**Special Issues, Collections and Topics in MDPI journals**



**Prof. Dr. Gabriella Mazzulla** (<https://sciprofiles.com/profile/912496>)

**Website** (<https://www.batcenter.it/en/fiorentino-gabriella-3/>)

Section Board Member

Department of Civil Engineering, University of Calabria, 87036 Rende, Italy

**Interests:** sustainable mobility; active mobility; walking; cycling; public transport; air transport; service quality; road safety; driving behavior; behavioral modeling; survey design; spatial analysis; land use–transport; transport service quality evaluation, especially regarding transit systems, bike and pedestrian mobility, air transport

**Special Issues, Collections and Topics in MDPI journals**

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



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**The Role of Personality and Top Management Support in Continuance Intention to Use Electronic Health Record Systems among Nurses** ((1660-4601/19/17/11125))  
by  [Adf Alsyouf](https://sciprofiles.com/profile/1173710) (<https://sciprofiles.com/profile/1173710>),  [Awanis Ku Ishak](https://sciprofiles.com/profile/2299456) (<https://sciprofiles.com/profile/2299456>),  
 [Abdawali Lutfi](https://sciprofiles.com/profile/1171917) (<https://sciprofiles.com/profile/1171917>),  [Fahad Nasser Alhazmi](https://sciprofiles.com/profile/1468040) (<https://sciprofiles.com/profile/1468040>) and  [Manaf Al-Okaily](#) (<https://sciprofiles.com/profile/1311540>)  
*Int. J. Environ. Res. Public Health* **2022**, *19*(17), 11125; <https://doi.org/10.3390/ijerph191711125> (<https://doi.org/10.3390/ijerph191711125>) - 05 Sep 2022  
**Cited by 5** ((1660-4601/19/17/11125#metrics)) | Viewed by 1499

**Abstract** This study examines nurses' Continuance Intention (CI) to use electronic health records (EHRs) through a combination of three conceptual frameworks: the Unified Theory of Acceptance and Use of Technology (UTAUT), the theory of expectation-confirmation (ECT), and the Five-Factor Model (FFM). A model is [...] [Read more](#).  
(This article belongs to the Special Issue **Digital Health and Point of Care: Contributions to the 'New Normal' of Healthcare Provision** ([/journal/ijerph/special\\_issues/DHPC](#)))








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**A Comparison of ACL Injury Risk, Ski Geometry and Standing Height Parameters between Skiers with Rented and with Owned Skis** ((1660-4601/19/17/11124))

by  [Gerhard Ruedl](https://sciprofiles.com/profile/116459) (<https://sciprofiles.com/profile/116459>),  [Markus Posch](https://sciprofiles.com/profile/801824) (<https://sciprofiles.com/profile/801824>),  
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 [Alois Schranz](https://sciprofiles.com/profile/author/SIVFS3Z0a1oyazFHZ2xubjhYNOJ2TVZCVVlPcG5wRXFneGtXV112YnVaaz0=) (<https://sciprofiles.com/profile/author/SIVFS3Z0a1oyazFHZ2xubjhYNOJ2TVZCVVlPcG5wRXFneGtXV112YnVaaz0=>),  
 [Martin Faulhaber](https://sciprofiles.com/profile/905713) (<https://sciprofiles.com/profile/905713>),  [Elena Pocecco](https://sciprofiles.com/profile/1770127) (<https://sciprofiles.com/profile/1770127>), and  
 [Martin Bartscher](https://sciprofiles.com/profile/113704) (<https://sciprofiles.com/profile/113704>)

*Int. J. Environ. Res. Public Health* **2022**, *19*(17), 11124; <https://doi.org/10.3390/ijerph191711124> (<https://doi.org/10.3390/ijerph191711124>) - 05 Sep 2022  
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**Abstract** Aim: to evaluate if ACL injuries are associated with recreational skiers using rented skis and whether individual factors, ski geometry parameters and standing heights differ between skiers who rented or owned skis. A retrospective questionnaire-based, case-control study of ACL-injured and uninjured recreational skiers [...] [Read more](#).  
(This article belongs to the Special Issue **Winter Sport Injuries: Risk Factors and Preventive Measures** ([/journal/ijerph/special\\_issues/winter\\_sport\\_injuries](#)))

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[./1660-4601/19/17/11123/pdf?version=1662377357](#)

**Characterization and Mechanistic Study of Heavy Metal Adsorption by Facile Synthesized Magnetic Xanthate-Modified Chitosan/Polyacrylic Acid Hydrogels** ((1660-4601/19/17/11123))

by  [Liming Dong](https://sciprofiles.com/profile/author/YldjZEFVWHhLN3XdlhVbmRvNVNCUT09) (<https://sciprofiles.com/profile/author/YldjZEFVWHhLN3XdlhVbmRvNVNCUT09>),  
 [Chengyang Shan](https://sciprofiles.com/profile/author/b01PdJRzDhEcENEeWxZaWhqQ3NVeXIXNTRsK1kwcVlxaHdRK0JHOTJFND0=) (<https://sciprofiles.com/profile/author/b01PdJRzDhEcENEeWxZaWhqQ3NVeXIXNTRsK1kwcVlxaHdRK0JHOTJFND0=>),  
 [Yuan Liu](https://sciprofiles.com/profile/author/WkjhNkh5MzNrc2VraGxHUVd5Yml3ZFptRGRWeVhrR0hwRXpXZXhrWlpETT0=) (<https://sciprofiles.com/profile/author/WkjhNkh5MzNrc2VraGxHUVd5Yml3ZFptRGRWeVhrR0hwRXpXZXhrWlpETT0=>),  
 [Hua Sun](https://sciprofiles.com/profile/author/eGY2UHFqTmFVajdyU1h2TDVwSnNaLzE3eVxk4M1QwcTQxS2NkM2NXNzBBMD0=) (<https://sciprofiles.com/profile/author/eGY2UHFqTmFVajdyU1h2TDVwSnNaLzE3eVxk4M1QwcTQxS2NkM2NXNzBBMD0=>),  
 [Bing Yao](https://sciprofiles.com/profile/author/ZmRoZ2wRXd0MzRNbG5BL0VUZGozUkdIOTYwQkxIN1Z5M1sSTNwUHFb20=) (<https://sciprofiles.com/profile/author/ZmRoZ2wRXd0MzRNbG5BL0VUZGozUkdIOTYwQkxIN1Z5M1sSTNwUHFb20=>),  
 [Guizhen Gong](https://sciprofiles.com/profile/author/SFNjODVlVnZzZgrWWHLaGtK0Q0kwQT09) (<https://sciprofiles.com/profile/author/SFNjODVlVnZzZgrWWHLaGtK0Q0kwQT09>),  
 [Xiaodong Jin](https://sciprofiles.com/profile/author/UnFZZVJqcEhkaJYhvakwzeWVEUkxvU1R5cTNEazVSRHNHSjRyaGE1ZTBxdz0=) (<https://sciprofiles.com/profile/author/UnFZZVJqcEhkaJYhvakwzeWVEUkxvU1R5cTNEazVSRHNHSjRyaGE1ZTBxdz0=>), and  
 [Shifan Wang](https://sciprofiles.com/profile/851395) (<https://sciprofiles.com/profile/851395>)

*Int. J. Environ. Res. Public Health* **2022**, *19*(17), 11123; <https://doi.org/10.3390/ijerph191711123> (<https://doi.org/10.3390/ijerph191711123>) - 05 Sep 2022  
**Cited by 7** ((1660-4601/19/17/11123#metrics)) | Viewed by 1086

**Abstract** A simple method was used to synthesize magnetic xanthate-modified chitosan/polyacrylic acid hydrogels that were used to remove heavy metal ions from an aqueous solution. Xanthate modification of chitosan significantly improved adsorption performance: individual adsorption capacities of the hydrogel for Cu(II), Cd(II), Pb(II), and [...] [Read more](#).

(This article belongs to the Special Issue **Advances in Biological and Chemical Removal of Heavy Metals from Water** ([/journal/ijerph/special\\_issues/removal\\_heavy\\_metals](#)))

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**Migration Intent of Health Care Workers during the COVID-19 Pandemic in Kosovo** ((1660-4601/19/17/11122))

by  [Nora Murataj](https://sciprofiles.com/profile/author/ZUQ4T0M4c25CUVRFZVorUno3SW1VWFVksFZHbhhXRHZPeCtXNTJZeGRXQT0=) (<https://sciprofiles.com/profile/author/ZUQ4T0M4c25CUVRFZVorUno3SW1VWFVksFZHbhhXRHZPeCtXNTJZeGRXQT0=>),  
 [Blerim Sylja](https://sciprofiles.com/profile/author/ZINQa20VlI4ZzdKVKIDbm1hSWHwc1VRYzRkSFVQVA2dXF2bHc0NzVVD00=) (<https://sciprofiles.com/profile/author/ZINQa20VlI4ZzdKVKIDbm1hSWHwc1VRYzRkSFVQVA2dXF2bHc0NzVVD00=>),  
 [Yilka Krasniqi](https://sciprofiles.com/profile/author/S2f6VEtZazdwR1BVNFpDWEJ2OEYzNVU3cFB3SWZxN114YVpiWGIHWNruZz0=) (<https://sciprofiles.com/profile/author/S2f6VEtZazdwR1BVNFpDWEJ2OEYzNVU3cFB3SWZxN114YVpiWGIHWNruZz0=>),  
 [Shagë Bahtiri](https://sciprofiles.com/profile/2192302) (<https://sciprofiles.com/profile/2192302>),  
 [Dardan Bekaj](https://sciprofiles.com/profile/author/Sk94U3FnRzJzJzQzSzlQ09jc2xUYN4NIAwQVlU1R1pURzJCa2ozU0ZyQT0=) (<https://sciprofiles.com/profile/author/Sk94U3FnRzJzJzQzSzlQ09jc2xUYN4NIAwQVlU1R1pURzJCa2ozU0ZyQT0=>),  
 [Petrit Beqiri](https://sciprofiles.com/profile/2302725) (<https://sciprofiles.com/profile/2302725>) and  [Ilir S. Hoxha](https://sciprofiles.com/profile/1875133) (<https://sciprofiles.com/profile/1875133>)

*Int. J. Environ. Res. Public Health* **2022**, *19*(17), 11122; <https://doi.org/10.3390/ijerph191711122> (<https://doi.org/10.3390/ijerph191711122>) - 05 Sep 2022  
**Cited by 5** ((1660-4601/19/17/11122#metrics)) | Viewed by 1777

**Abstract** The migration of healthcare workers from developing countries to more economically developed countries is a long-standing and ongoing trend. Loss of qualified staff due to migration can negatively impact healthcare systems. Understanding factors that drive migration is essential to identifying and managing health [...] [Read more](#).

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[./1660-4601/19/17/11121/pdf?version=1662429915](#)

**The Effect of Antecedents of Teachers' Subjective Career Success** ((1660-4601/19/17/11121))







## Addressing Uncertainty in Informal Familial Caregivers of Stroke Survivors: A Systematic Meta-Ethnography (1660-4601/19/17/11116)

by [Gabriella T. Ponzini](https://sciprofiles.com/profile/2350396) (<https://sciprofiles.com/profile/2350396>), [Brenna Kirk](https://sciprofiles.com/profile/2354088) (<https://sciprofiles.com/profile/2354088>), [Sarah E. Segear](https://sciprofiles.com/profile/author/aG8zWEFudWw4dUdsUVIoU0xaUhlK3JYV2ZuRks2cWxUYk80U3NgZmJ2ND0=) (<https://sciprofiles.com/profile/author/aG8zWEFudWw4dUdsUVIoU0xaUhlK3JYV2ZuRks2cWxUYk80U3NgZmJ2ND0=>), [Elizabeth A. Claydon](https://sciprofiles.com/profile/2426244) (<https://sciprofiles.com/profile/2426244>), [Elizabeth B. Engler-Chiurazzi](https://sciprofiles.com/profile/author/c21OMndsaHorbG04aytVUWg1bkVTaSSyMTdER21PelgxNENkcEJtTE9KTT0=) (<https://sciprofiles.com/profile/author/c21OMndsaHorbG04aytVUWg1bkVTaSSyMTdER21PelgxNENkcEJtTE9KTT0=>), and [Shari A. Steinman](https://sciprofiles.com/profile/author/VStRLzR6OEtFbkYvQVZmMkNkaDg0VFFwdnF4MJJ0cmZuc3NBZXFkbllrdz0=) (<https://sciprofiles.com/profile/author/VStRLzR6OEtFbkYvQVZmMkNkaDg0VFFwdnF4MJJ0cmZuc3NBZXFkbllrdz0=>) *Int. J. Environ. Res. Public Health* **2022**, *19*(17), 11116; <https://doi.org/10.3390/ijerph191711116> (<https://doi.org/10.3390/ijerph191711116>) - 05 Sep 2022  
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**Abstract** Background: Informal familial caregivers of stroke survivors experience uncertainty that begins at the time of the stroke event and continues into home-based care. The uncertainty faced by caregivers contributes to poor mental and physical health outcomes. **Objective:** This review details the factors associated [...] [Read more](#). (This article belongs to the Special Issue [Research on Informal Caregivers](#) ([/journal/ijerph/special\\_issues/Informal\\_Caregivers](#)))

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## The Impact of Dance Interventions on Patients with Noninfectious Pulmonary Diseases: A Systematic Review (1660-4601/19/17/11115)

by [Vikram Niranjan](https://sciprofiles.com/profile/2351792) (<https://sciprofiles.com/profile/2351792>), [Giampiero Tarantino](https://sciprofiles.com/profile/author/WCs2c0pqMmpFS1d0UFdSdXJPRI9pMmxMa1NCSzkyWmJSzczyMFR0NXRWST0=) (<https://sciprofiles.com/profile/author/WCs2c0pqMmpFS1d0UFdSdXJPRI9pMmxMa1NCSzkyWmJSzczyMFR0NXRWST0=>), [Jaspal Kumar](https://sciprofiles.com/profile/2431707) (<https://sciprofiles.com/profile/2431707>), [Diarmuid Stokes](https://sciprofiles.com/profile/author/VnJJOHcyVElaNENud3hYWFrdMGpJbmlyV25iR2F6RnJZWk1Kc2pWTFRwND0=) (<https://sciprofiles.com/profile/author/VnJJOHcyVElaNENud3hYWFrdMGpJbmlyV25iR2F6RnJZWk1Kc2pWTFRwND0=>), and [Ray O'Connor](https://sciprofiles.com/profile/author/M1BhaFRESE13aTVhaW5tN0ZxcDBneGND5lp1MEINQk15MTdKeUlkeHo2MD0=) (<https://sciprofiles.com/profile/author/M1BhaFRESE13aTVhaW5tN0ZxcDBneGND5lp1MEINQk15MTdKeUlkeHo2MD0=>) *Int. J. Environ. Res. Public Health* **2022**, *19*(17), 11115; <https://doi.org/10.3390/ijerph191711115> (<https://doi.org/10.3390/ijerph191711115>) - 05 Sep 2022  
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**Abstract** Dance has been highlighted as one of the most enjoyable, safe, and feasible forms of physical activity, improving physical health, mental health, and general well-being, among various patients. Little is known about the effect and impact of dance interventions to improve health among [...] [Read more](#). (This article belongs to the Section [Health Behavior, Chronic Disease and Health Promotion](#) ([/journal/ijerph/sections/health\\_promotion](#)))

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## Comparative Quality Assessment of Five Bread Wheat and Five Barley Cultivars Grown in Romania (1660-4601/19/17/11114)

by [Elena Moroşan](https://sciprofiles.com/profile/1847050) (<https://sciprofiles.com/profile/1847050>), [Ana Andreea Secareanu](https://sciprofiles.com/profile/2175395) (<https://sciprofiles.com/profile/2175395>), [Adina Magdalena Musuc](https://sciprofiles.com/profile/1161967) (<https://sciprofiles.com/profile/1161967>), [Magdalena Mititelu](https://sciprofiles.com/profile/author/UJFpHVTNBczd6NUFKYkNsb3orbU9zZ1VtcmVzU1JISFp4SUx5VUNIK3JZTT0=) (<https://sciprofiles.com/profile/author/UJFpHVTNBczd6NUFKYkNsb3orbU9zZ1VtcmVzU1JISFp4SUx5VUNIK3JZTT0=>), [Ana Corina Ioniţă](https://sciprofiles.com/profile/1196912) (<https://sciprofiles.com/profile/1196912>), [Emma Adriana Ozon](https://sciprofiles.com/profile/author/Vi9aeHkvQNTCcjNgRXJKODBzNGZvcElrbXJZamd1Um05VzFyd0crVzVkvT0=) (<https://sciprofiles.com/profile/author/Vi9aeHkvQNTCcjNgRXJKODBzNGZvcElrbXJZamd1Um05VzFyd0crVzVkvT0=>), [Ionuţ Daniel Raducan](https://sciprofiles.com/profile/2722528) (<https://sciprofiles.com/profile/2722528>), [Andreea Ioana Rusu](https://sciprofiles.com/profile/author/UXVSRldxdm5CMTdlbmJNRFU1aUU1V2NqakROcGIMMWswd0xkTUR0S1I0bz0=) (<https://sciprofiles.com/profile/author/UXVSRldxdm5CMTdlbmJNRFU1aUU1V2NqakROcGIMMWswd0xkTUR0S1I0bz0=>) and [Adriana Maria Dărbăban](https://sciprofiles.com/profile/1386693) (<https://sciprofiles.com/profile/1386693>) *Int. J. Environ. Res. Public Health* **2022**, *19*(17), 11114; <https://doi.org/10.3390/ijerph191711114> (<https://doi.org/10.3390/ijerph191711114>) - 05 Sep 2022  
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**Abstract** Cereals whole grains contain vitamins, phytochemicals, antioxidants, resistant starch, and minerals with potential benefits to human health. The consumption of whole grains is correlated with a lowered risk of the most important chronic diseases, including type II diabetes, cardiovascular diseases, and some cancers. [...] [Read more](#). (This article belongs to the Special Issue [Lifestyle, Nutrition and Environmental Factors Influencing Health Benefits](#) ([/journal/ijerph/special\\_issues/Lifestyle\\_Nutrition\\_Environmental\\_Factors](#)))

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## The Effect of UV Treatment on Surface Contact Angle, Fibroblast Cytotoxicity, and Proliferation with Two Types of Zirconia-Based Ceramics (1660-4601/19/17/11113)

by [Vygandas Rutkunas](https://sciprofiles.com/profile/1282492) (<https://sciprofiles.com/profile/1282492>), [Rokas Borusevicius](https://sciprofiles.com/profile/1282325) (<https://sciprofiles.com/profile/1282325>), [Evaldas Balcianas](https://sciprofiles.com/profile/85507) (<https://sciprofiles.com/profile/85507>), [Urte Jasinskyte](https://sciprofiles.com/profile/author/bFNyU3k4aVROMEpFMWduZFFKRIUwSW50YVV5V28xdW9PZUNiVncwNmg5ST0=) (<https://sciprofiles.com/profile/author/bFNyU3k4aVROMEpFMWduZFFKRIUwSW50YVV5V28xdW9PZUNiVncwNmg5ST0=>), [Milda Alksne](https://sciprofiles.com/profile/883846) (<https://sciprofiles.com/profile/883846>), [Egidijus Simoliunas](https://sciprofiles.com/profile/1664513) (<https://sciprofiles.com/profile/1664513>), [Stefan Zlatev](https://sciprofiles.com/profile/author/aGdQMm5FT3JYeXU4TGxSaIFrZmJmS2JmSVIJUXI1YVBMRHc0Qmw3aWRVND0=) (<https://sciprofiles.com/profile/author/aGdQMm5FT3JYeXU4TGxSaIFrZmJmS2JmSVIJUXI1YVBMRHc0Qmw3aWRVND0=>) and [Vasilena Ivanova](https://sciprofiles.com/profile/369002) (<https://sciprofiles.com/profile/369002>) *Int. J. Environ. Res. Public Health* **2022**, *19*(17), 11113; <https://doi.org/10.3390/ijerph191711113> (<https://doi.org/10.3390/ijerph191711113>) - 05 Sep 2022  
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**Abstract** UV photofunctionalization of Zirconia-based materials for abutment fabrication is a promising approach that might influence the formation of a sound peri-implant seal, thus promoting long-term soft and hard tissue implant integration. This study aimed to evaluate the effect of UV treatment of test [...] [Read more](#). (This article belongs to the Collection [Modern Patient-Centered Dental Care](#) ([/journal/ijerph/topical\\_collections/atient-Centered\\_dental\\_care](#)))

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## Study on the Measurement and Influencing Factors of Care Service Demand of Disabled Elderly in Urban and Rural China (1660-4601/19/17/11112)





Systematic Review

# The Impact of Dance Interventions on Patients with Noninfectious Pulmonary Diseases: A Systematic Review

Vikram Niranjana<sup>1,\*</sup>, Giampiero Tarantino<sup>1</sup>, Jaspal Kumar<sup>2</sup>, Diarmuid Stokes<sup>3</sup>, Ray O'Connor<sup>4</sup> and Andrew O'Regan<sup>4</sup>

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**Abstract:** Dance has been highlighted as one of the most enjoyable, safe, and feasible forms of physical activity, improving physical health, mental health, and general well-being, among various patients. Little is known about the effect and impact of dance interventions to improve health among patients with pulmonary diseases, and research lacks a robust synthesis of evidence. Therefore, this systematic review aimed to investigate the impact of dance intervention on patients with noninfectious pulmonary diseases. Following the PRISMA guidelines, six electronic databases were searched in May 2022. Of the 1308 unique records identified, seven studies (five quantitative, two qualitative) across four countries were included in this systematic review. Six studies investigated adult populations, and one study explored the effect of dance on children. The dance interventions lasted between 1 and 10 weeks. Overall, dance was perceived to have a broad range of physical/mental/social benefits, including quality of life, social cohesion, dyspnoea levels, balance, exercise tolerance, general well-being, and adherence to nutrition regimens. Furthermore, the dance session was the most enjoyable activity among children and adolescents with asthma. With available evidence, dance interventions are promising and may effectively improve health and well-being among patients with noninfectious pulmonary diseases. More organised and continuous long-term dance interventions in future may reveal a detailed impact on health outcomes.

**Keywords:** dance; well-being; quality of life; pulmonary diseases; physical activity



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## 1. Introduction

Chronic pulmonary diseases are one of the leading causes of morbidity and mortality globally [1], characterized by dyspnoea, exercise intolerance, decreased mobility, balance deficits, anxiety, depression, and poor quality of life, and are associated with worse clinical outcomes, such as hospital admission [2–4]. Physical activity (PA) is an effective pulmonary rehabilitation (PR) measure for improving health outcomes among patients with chronic pulmonary diseases. Recently, participation in alternative forms of physical activity as a type of exercise (i.e., soccer, walking, cardio exercise) has been shown to be beneficial for improving breathing efficiency and dyspnoea [5]. However, attendance and completion of PA programmes remains poor for people with chronic obstructive pulmonary disease (COPD) [6]. It is recommended to align PA programmes that are valued, enjoyed, and considered to be meaningful by the patient population. Not only are such programmes related to psychological flexibility, but also they may help to promote sustainable behavioural changes and encourage PA engagement among people living with COPD [7]. In this sense, dance has been acknowledged to be one such form that fulfils the criteria, leading to better





Review

# Addressing Uncertainty in Informal Familial Caregivers of Stroke Survivors: A Systematic Meta-Ethnography

Gabriella T. Ponzini <sup>1,\*</sup> , Brenna Kirk <sup>2</sup> , Sarah E. Segear <sup>1</sup>, Elizabeth A. Claydon <sup>2</sup> , Elizabeth B. Engler-Chiurazzi <sup>3</sup> and Shari A. Steinman <sup>1</sup>

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**Abstract: Background:** Informal familial caregivers of stroke survivors experience uncertainty that begins at the time of the stroke event and continues into home-based care. The uncertainty faced by caregivers contributes to poor mental and physical health outcomes. **Objective:** This review details the factors associated with, impacts of, and coping skills used to manage uncertainty across the caregiving trajectory. By defining uncertainty reduction and tolerance recommendations, this review also builds upon the *Stroke Caregiver Readiness Model* to improve preparedness following the stroke event. **Methods:** A meta-ethnographic review was systematically conducted on thirteen qualitative studies with 218 participants from four countries. The Critical Appraisal Skills Programme (CASP) was used to assess study quality. **Results:** Following the stroke event, caregivers reported a lack of knowing (e.g., about the cause of the stroke event and survivor prognoses) as contributing to post-stroke uncertainty. As a result of this uncertainty, caregivers expressed concerns about their abilities to navigate caregiving responsibilities and how to plan for the future. Longer-term concerns (e.g., managing finances) and feelings of hopelessness occurred after discharge. Still, caregivers identified strategies to manage uncertainty. Caregiver coping skills included present-focused thinking, gratitude, faith, humor, and social support. **Conclusions:** The uncertainty faced by informal familial caregivers of stroke survivors is pervasive and changes across time. Uncertainty reduction and tolerance interventions can be used to build upon caregiver strengths and promote preparedness across the caregiving trajectory.

**Keywords:** uncertainty; coping; stroke; caregiver; meta-ethnography



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## 1. Introduction

In the United States alone, more than 795,000 individuals have a stroke each year [1]. Although many individuals now survive a stroke event, strokes represent the leading cause of adult disability [1]. The physical, socioemotional, and functional effects of a stroke are associated with increased personal and public costs [2]. As such, many stroke survivors require at-home caregiving [3], and family members of stroke survivors are often transitioned into caregiving roles. Of the approximately 4.8 million stroke survivors, there are roughly 3.5 million unpaid (i.e., informal) familial caregivers [4].

On average, stroke survivors spend approximately 4.7 days in the hospital following a stroke event [5]. After hospitalization, there are several types of post-acute care options available depending on the rehabilitative needs of the survivor. Inpatient rehabilitation facilities represent a hospital-environment option with continuous care. Such facilities account for approximately 24% of post-acute patients and the typical stay is about one week [6]. Alternatively, skilled nursing facilities, which provide post-acute care to about 30.8% of survivors, allow for a less intensive option that focuses on physical, occupational, and speech rehabilitation. For patients with Medicare, about 45% of individuals are released





Article

# Innovative Technological Approach for the Cyclic Nutrients Adsorption by Post-Digestion Sewage Sludge-Based Ash Co-Formed with Some Nanostructural Additives under a Circular Economy Framework

Piotr Sakiewicz <sup>1</sup>, Krzysztof Piotrowski <sup>2,\*</sup>, Mariola Rajca <sup>3</sup>, Izabella Maj <sup>4</sup>, Sylwester Kalisz <sup>4</sup>,  
Józef Ober <sup>5</sup>, Janusz Karwot <sup>6</sup> and Krishna R. Pagilla <sup>7</sup>

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**Abstract:** This paper presents a new, innovative technological approach, in line with Circular Economy principles, to the effective management of sludge generated during municipal wastewater treatment processes and subsequently used for biogas production. This approach allows for optimal, functional, and controlled cascade-type biotechnological thermal conversion of carbon compounds present in sewage sludge, later in solid digestate residues (after biogas production), and finally in the ash structure (after incineration, purposefully dosed nanostructural additives make the production of a useful solid product possible, especially for cyclic adsorption and slow release of nutrients (N, P, K) in the soil). The idea is generally targeted at achieving an innovative conversion cycle under a Circular Economy framework. In particular, it is based on an energy carrier (methane biogas) and direct energy production. The functionalized combustion by-products can be advantageous in agriculture. The use of ashes with nanostructural additives (halloysite, kaolinite) from combustion of sewage sludge after the anaerobic fermentation as an adsorbent of selected nutrients important in agriculture ( $\text{Na}^+$ ,  $\text{K}^+$ ,  $\text{NO}_3^-$ ,  $\text{SO}_4^{2-}$ ,  $\text{PO}_4^{3-}$ ,  $\text{Cl}^-$ ) was verified at laboratory scale. The tests were carried out both for pure ash and for the ash derived from combustion with the purposeful addition of kaolinite or halloysite. The equilibrium conditions for nitrate, potassium, sodium, phosphate(V), sulphate(VI), and chloride ions from aqueous solutions with the use of the three adsorbent structures were determined. The obtained innovative results were interpreted theoretically with adsorption isotherm models (Langmuir, Freundlich, Temkin, Jovanović). The most spectacular and clearly favorable results related to the influence of nanostructural additives in the process of sludge combustion, and formation of sorption surfaces under high temperature conditions were identified in the case of sorption-based separation of phosphate(V) ions (an increase from 1.13% to 61.24% with the addition of kaolinite, and even up to 76.19% with addition of halloysite).

**Keywords:** innovative pro-ecological technology; wastewater treatment; post-digestion sewage sludge; biogas plant; adsorption; ash; halloysite; kaolinite; nutrients; slow release; agricultural fertilizers





Article

# Between Healthcare Practitioners and Clergy: Evangelicals and COVID-19 Vaccine Hesitancy

Jeanine P. D. Guidry <sup>1,\*</sup>, Carrie A. Miller <sup>2</sup>, Paul B. Perrin <sup>3</sup> , Linnea I. Laestadius <sup>4</sup> , Gina Zurlo <sup>5</sup>,  
Matthew W. Savage <sup>6</sup> , Michael Stevens <sup>7</sup>, Bernard F. Fuemmeler <sup>8</sup>, Candace W. Burton <sup>9</sup> , Thomas Gültzow <sup>10</sup>   
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**Abstract:** Evangelical Christians are among the most hesitant to get the COVID-19 vaccine. This study examined the extent to which COVID-19 vaccination uptake among Evangelicals is explained by demographic characteristics, Health Belief Model constructs, and faith-based support factors. Survey research firm Qualtrics recruited 531 U.S. adults and conducted a survey to explore predictors of COVID-19 vaccine uptake among people who self-identified as Evangelicals in September 2021. A logistic regression showed that those reporting high perceived benefits of the COVID-19 vaccine were more likely to be vaccinated, while those reporting high perceived barriers were less likely to be vaccinated. Those whose healthcare provider asked them about the vaccine were more likely to be vaccinated than those whose healthcare provider did not ask. Finally, while those who reported information seeking from religious leaders were less likely to be vaccinated, those who reported more faith-based support for vaccination were more likely to be vaccinated. In addition to beliefs about benefits and barriers to vaccination, the role of healthcare providers and clergy were important factors influencing vaccination status. Intervention efforts that capitalize on partnerships between health providers and clergy in supportive congregations may be able to reach undecided Evangelicals.

**Keywords:** COVID-19 vaccine; evangelicals; health belief model; healthcare providers; vaccine hesitancy

## 1. Introduction

Successful development and deployment of COVID-19 vaccines is key to controlling the COVID-19 pandemic. In spite of COVID-19 vaccine availability since late 2020, vaccine hesitancy is a significant obstacle to achieving widespread vaccination [1]. As of April 2022, 17% of U.S. Americans still indicated that they definitely did not plan to get vaccinated [2,3]. Vaccine hesitancy has risen so substantially that the World Health Organization (WHO) now considers it a major threat to global health [4].