

Paul Jagals

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,386
citations

394286

19
h-index

360920

35
g-index

61
all docs

61
docs citations

61
times ranked

2090
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental health impacts of unconventional natural gas development: A review of the current strength of evidence. <i>Science of the Total Environment</i> , 2015, 505, 1127-1141.	3.9	170
2	Domestic water carrying and its implications for health: a review and mixed methods pilot study in Limpopo Province, South Africa. <i>Environmental Health</i> , 2010, 9, 52.	1.7	118
3	Environmental Risk Factors Associated with Child Stunting: A Systematic Review of the Literature. <i>Annals of Global Health</i> , 2018, 84, 551.	0.8	85
4	A pilot assessment of water, sanitation, hygiene and home-based care services for people living with HIV/AIDS in rural and peri-urban communities in South Africa. <i>Water Science and Technology</i> , 2007, 56, 125-131.	1.2	81
5	The application of system dynamics modelling to environmental health decision-making and policy - a scoping review. <i>BMC Public Health</i> , 2018, 18, 402.	1.2	79
6	Photovoltaic powered ultraviolet and visible light-emitting diodes for sustainable point-of-use disinfection of drinking waters. <i>Science of the Total Environment</i> , 2014, 493, 185-196.	3.9	71
7	Concentrations of organophosphate flame retardants and plasticizers in urine from young children in Queensland, Australia and associations with environmental and behavioural factors. <i>Environmental Research</i> , 2018, 164, 262-270.	3.7	71
8	Mortality and morbidity in populations in the vicinity of coal mining: a systematic review. <i>BMC Public Health</i> , 2018, 18, 721.	1.2	53
9	An assessment of the costs and benefits of interventions aimed at improving rural community water supplies in developed countries. <i>Science of the Total Environment</i> , 2009, 407, 3681-3685.	3.9	47
10	Bisphenol A exposure pathways in early childhood: Reviewing the need for improved risk assessment models. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 544-556.	1.8	45
11	Health impact of small-community water supply reliability. <i>International Journal of Hygiene and Environmental Health</i> , 2011, 214, 162-166.	2.1	43
12	Assessing rural small community water supply in Limpopo, South Africa: Water service benchmarks and reliability. <i>Science of the Total Environment</i> , 2012, 435-436, 479-486.	3.9	39
13	Evaluation of indicators for assessment of human and animal faecal pollution of surface run-off. <i>Water Science and Technology</i> , 1995, 31, 235.	1.2	37
14	A tool for technical assessment of rural water supply systems in South Africa. <i>Physics and Chemistry of the Earth</i> , 2009, 34, 43-49.	1.2	30
15	Cross-sectional biomonitoring study of pesticide exposures in Queensland, Australia, using pooled urine samples. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23436-23448.	2.7	30
16	Rapid concentration and sensitive detection of hookworm ova from wastewater matrices using a real-time PCR method. <i>Experimental Parasitology</i> , 2015, 159, 5-12.	0.5	24
17	Quantitative detection of viable helminth ova from raw wastewater, human feces, and environmental soil samples using novel PMA-qPCR methods. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18639-18648.	2.7	24
18	Comparison of concentration methods for rapid detection of hookworm ova in wastewater matrices using quantitative PCR. <i>Experimental Parasitology</i> , 2015, 159, 160-167.	0.5	22

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19	Does improved access to water supply by rural households enhance the concept of safe water at the point of use? A case study from deep rural South Africa. <i>Water Science and Technology</i> , 2006, 54, 9-16.	1.2	19
20	Core Competencies for Health Workers to Deal with Climate and Environmental Change. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3849.	1.2	18
21	How do children perceive health to be affected by domestic water carrying? Qualitative findings from a mixed methods study in rural South Africa. <i>Child: Care, Health and Development</i> , 2010, 36, 818-826.	0.8	17
22	Inactivation of faecal indicator bacteria in a roof-captured rainwater system under ambient meteorological conditions. <i>Journal of Applied Microbiology</i> , 2014, 116, 199-207.	1.4	15
23	Stormwater runoff from typical developed and developing South African urban developments: definitely not for swimming. <i>Water Science and Technology</i> , 1997, 35, 133.	1.2	14
24	All-age hospitalization rates in coal seam gas areas in Queensland, Australia, 1995–2011. <i>BMC Public Health</i> , 2015, 16, 125.	1.2	14
25	Faecal indicator organisms in the Renoster Spruit system of the Modder-Riet River catchment and implications for human users of the water. <i>Water S A</i> , 2002, 28, 227.	0.2	13
26	Implementing the United Nations™ sustainable development goals for water and beyond in Australia: A proposed systems approach. <i>Australian Journal of Water Resources</i> , 2018, 22, 29-38.	1.6	13
27	Applications of Systems Science to Understand and Manage Multiple Influences within Children™s Environmental Health in Least Developed Countries: A Causal Loop Diagram Approach. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3010.	1.2	13
28	Polybrominated diphenyl ether flame retardant concentrations in faeces from young children in Queensland, Australia and associations with environmental and behavioural factors. <i>Environmental Research</i> , 2017, 158, 669-676.	3.7	12
29	Comparative prevalence of <i>Escherichia coli</i> carrying virulence genes and class 1 and 2 integrons in sub-tropical and cool temperate freshwater. <i>Environmental Science and Pollution Research</i> , 2017, 24, 18263-18272.	2.7	11
30	Examination of Child and Adolescent Hospital Admission Rates in Queensland, Australia, 1995–2011: A Comparison of Coal Seam Gas, Coal Mining, and Rural Areas. <i>Maternal and Child Health Journal</i> , 2018, 22, 1306-1318.	0.7	10
31	Development of a questionnaire-based insecticide exposure assessment method and comparison with urinary insecticide biomarkers in young Australian children. <i>Environmental Research</i> , 2019, 178, 108613.	3.7	10
32	Pathogenic <i>Escherichia coli</i> in rural household container waters. <i>Water Science and Technology</i> , 2013, 67, 1230-1237.	1.2	9
33	Children's Environmental Health Indicators in Australia. <i>Annals of Global Health</i> , 2016, 82, 156-168.	0.8	9
34	Title is missing!. <i>Quantitative Microbiology</i> , 2000, 2, 129-140.	0.5	8
35	The effect of a water-hygiene educational programme on the microbiological quality of container-stored water in households. <i>Water S A</i> , 2003, 29, 171.	0.2	8
36	A framework for assessing and predicting the environmental health impact of infectious diseases: a case study of leptospirosis. <i>Reviews on Environmental Health</i> , 2012, 27, 163-74.	1.1	8

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37	Chemical and bioanalytical assessment of coal seam gas associated water. <i>Environmental Chemistry</i> , 2015, 12, 267.	0.7	8
38	Comparison of culture-based, vital stain and PMA-qPCR methods for the quantitative detection of viable hookworm ova. <i>Water Science and Technology</i> , 2017, 75, 2615-2621.	1.2	8
39	Economic assessments of small-scale drinking-water interventions in pursuit of MDG target 7C. <i>Science of the Total Environment</i> , 2011, 410-411, 8-15.	3.9	7
40	Assessing exposure of young children to common endocrine-disrupting chemicals in the home environment: a review and commentary of the questionnaire-based approach. <i>Reviews on Environmental Health</i> , 2015, 30, 25-49.	1.1	6
41	An approach to reduce false viability assessment of hookworm eggs with vital stains. <i>Food and Waterborne Parasitology</i> , 2016, 3, 9-12.	1.1	6
42	Quantification of hookworm ova from wastewater matrices using quantitative PCR. <i>Journal of Environmental Sciences</i> , 2017, 57, 231-237.	3.2	6
43	The efficiency of a combined waste stabilisation pond/maturation pond system to sanitise waste water intended for recreational re-use. <i>Water Science and Technology</i> , 1996, 33, 117.	1.2	5
44	Unintentional insecticide poisoning by age: an analysis of Queensland Poisons Information Centre calls. <i>Australian and New Zealand Journal of Public Health</i> , 2016, 40, 457-461.	0.8	5
45	Children's Environmental Health Indicators for Pacific Island Countries. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1403.	1.2	5
46	Using human epidemiological analyses to support the assessment of the impacts of coal mining on health. <i>Reviews on Environmental Health</i> , 2019, 34, 391-401.	1.1	5
47	Mapping the Morbidity Risk Associated with Coal Mining in Queensland, Australia. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1206.	1.2	5
48	Household water and food insecurity negatively impacts self-reported physical and mental health in the Vietnamese Mekong Delta. <i>PLoS ONE</i> , 2022, 17, e0267344.	1.1	5
49	Health implications of lipopolysaccharide endotoxins in domestic container water used by rural households in South Africa. <i>Journal of Water and Health</i> , 2010, 8, 601-610.	1.1	4
50	A Review of Medication Use as an Indicator of Human Health Impact in Environmentally Stressed Areas. <i>Annals of Global Health</i> , 2018, 82, 111.	0.8	4
51	Community-based efforts in health promotion in indigenous villages on the Thailand-Myanmar border. <i>Reviews on Environmental Health</i> , 2016, 31, 169-72.	1.1	3
52	Is Increasing Coal Seam Gas Well Development Activity Associated with Increasing Hospitalisation Rates in Queensland, Australia? An Exploratory Analysis 1995-2011. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 540.	1.2	3
53	The association of fractional cover, foliage projective cover and biodiversity with birthweight. <i>Science of the Total Environment</i> , 2021, 763, 143051.	3.9	3
54	Children's Environmental Health Indicators in Context of the Sustainable Development Goals for Small Island Developing States. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1404.	1.2	2

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55	Association of maternal and social characteristics with age-standardised birthweight. Zeitschrift Fur Gesundheitswissenschaften, 2020, , 1.	0.8	2
56	Children's environmental health indicators in Australia: are we collecting the right information?. Reviews on Environmental Health, 2016, 31, 163-167.	1.1	1
57	The Association of Ambient Temperature with Extremely Preterm Births. Maternal and Child Health Journal, 2021, 25, 1638-1645.	0.7	1
58	Household Food Insecurity in Regions of the Vietnamese Mekong Delta: Prevalence and Risk Factors. Journal of Hunger and Environmental Nutrition, 2023, 18, 503-523.	1.1	1
59	Rapid Technical Assessment and Troubleshooting of Rural Water Supply Systems. , 2009, , .		0