

Edmund Y W Seto

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

140 papers	4,007 citations	36 h-index	59 g-index
161 ext. papers	4,881 ext. citations	5.4 avg, IF	5.67 L-index

#	Paper	IF	Citations
140	An applied environmental justice framework for exposure science.. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2022 ,	6.7	1
139	Assessing the value of complex refractive index and particle density for calibration of low-cost particle matter sensor for size-resolved particle count and PM2.5 measurements. <i>PLoS ONE</i> , 2021 , 16, e0259745	3.7	0
138	Changes in physical activity levels and mental health during COVID-19: Prospective findings among adult twin pairs. <i>PLoS ONE</i> , 2021 , 16, e0260218	3.7	0
137	Nature at work: The effects of day-to-day nature contact on workers' stress and psychological well-being. <i>Urban Forestry and Urban Greening</i> , 2021 , 66, 127404	5.4	0
136	Is COVID-19 Keeping us Up at Night? Stress, Anxiety, and Sleep Among Adult Twins. <i>Frontiers in Neuroscience</i> , 2021 , 15, 665777	5.1	5
135	Energy consumption of using HEPA-based portable air cleaner in residences: A monitoring study in Seattle, US. <i>Energy and Buildings</i> , 2021 , 236,	7	4
134	Health Impact Assessment of the 2020 Washington State Wildfire Smoke Episode: Excess Health Burden Attributable to Increased PM Exposures and Potential Exposure Reductions. <i>GeoHealth</i> , 2021 , 5, e2020GH000359	5	9
133	Solid-phase excitation-emission matrix spectroscopy for chemical analysis of combustion aerosols. <i>PLoS ONE</i> , 2021 , 16, e0251664	3.7	
132	Cumulative Impacts and COVID-19: Implications for Low-Income, Minoritized, and Health-Compromised Communities in King County, WA. <i>Journal of Racial and Ethnic Health Disparities</i> , 2021 , 1	3.5	0
131	Does surrounding greenness moderate the relationship between apparent temperature and physical activity? Findings from the PHENOTYPE project. <i>Environmental Research</i> , 2021 , 197, 110992	7.9	2
130	Deployment, Calibration, and Cross-Validation of Low-Cost Electrochemical Sensors for Carbon Monoxide, Nitrogen Oxides, and Ozone for an Epidemiological Study. <i>Sensors</i> , 2021 , 21,	3.8	4
129	Field measurements of PM infiltration factor and portable air cleaner effectiveness during wildfire episodes in US residences. <i>Science of the Total Environment</i> , 2021 , 773, 145642	10.2	13
128	Smoking is Associated With Increased Risk of Not Achieving Glycemic Target, Increased Glycemic Variability, and Increased Risk of Hypoglycemia for People With Type 1 Diabetes. <i>Journal of Diabetes Science and Technology</i> , 2021 , 15, 827-832	4.1	1
127	Combined Burden of Heat and Particulate Matter Air Quality in WA Agriculture. <i>Journal of Agromedicine</i> , 2021 , 26, 18-27	1.9	4
126	Impacts of implementing Healthy Building guidelines for daily PM limit on premature deaths and economic losses in urban China: A population-based modeling study. <i>Environment International</i> , 2021 , 147, 106342	12.9	9
125	Distinct Ultrafine Particle Profiles Associated with Aircraft and Roadway Traffic. <i>Environmental Science & Technology</i> , 2021 , 55, 2847-2858	10.3	11
124	Source Apportionment of Environmental Combustion Sources using Excitation Emission Matrix Fluorescence Spectroscopy and Machine Learning. <i>Atmospheric Environment</i> , 2021 , 259, 118501-118501	5.3	0

123	Residential cooking-related PM: Spatial-temporal variations under various intervention scenarios. <i>Building and Environment</i> , 2021 , 201, 108002-108002	6.5	5
122	Quantifying the Distribution of Environmental Health Threats and Hazards in Washington State Using a Cumulative Environmental Inequality Index. <i>Environmental Justice</i> , 2021 , 14, 298-314	1.7	
121	Differences in Stress and Anxiety Among Women With and Without Children in the Household During the Early Months of the COVID-19 Pandemic. <i>Frontiers in Public Health</i> , 2021 , 9, 688462	6	2
120	Characterization of cooking-related ultrafine particles in a US residence and impacts of various intervention strategies. <i>Science of the Total Environment</i> , 2021 , 798, 149236	10.2	3
119	Publicly available low-cost sensor measurements for PM exposure modeling: Guidance for monitor deployment and data selection. <i>Environment International</i> , 2021 , 158, 106897	12.9	2
118	Excitation-Emission Matrix Spectroscopy for Analysis of Chemical Composition of Combustion Generated Particulate Matter. <i>Environmental Science & Technology</i> , 2020 , 54, 8198-8209	10.3	16
117	Using Vehicles' Rendezvous for In Situ Calibration of Instruments in Fleet Vehicle-Based Air Pollution Mobile Monitoring. <i>Environmental Science & Technology</i> , 2020 , 54, 4286-4294	10.3	7
116	Performance of a Low-Cost Sensor Community Air Monitoring Network in Imperial County, CA. <i>Sensors</i> , 2020 , 20,	3.8	4
115	Developing a Low-Cost Passive Method for Long-Term Average Levels of Light-Absorbing Carbon Air Pollution in Polluted Indoor Environments. <i>Sensors</i> , 2020 , 20,	3.8	2
114	Health Impact Assessment of PM attributable mortality from the September 2020 Washington State Wildfire Smoke Episode 2020 ,		3
113	Excitation Emission Matrix Fluorescence Spectroscopy for Combustion Generated Particulate Matter Source Identification. <i>Atmospheric Environment</i> , 2020 , 220, 117065-117065	5.3	9
112	Momentary mood response to natural outdoor environments in four European cities. <i>Environment International</i> , 2020 , 134, 105237	12.9	22
111	Workforce development: understanding task-level job demands-resources, burnout, and performance in unskilled construction workers. <i>Safety Science</i> , 2020 , 123, 104577	5.8	21
110	Spray Drift from Three Airblast Sprayer Technologies in a Modern Orchard Work Environment. <i>Annals of Work Exposures and Health</i> , 2020 , 64, 25-37	2.4	7
109	Calibration of low-cost particulate matter sensors: Model development for a multi-city epidemiological study. <i>Environment International</i> , 2020 , 134, 105329	12.9	44
108	Stress, Anxiety, and Change in Alcohol Use During the COVID-19 Pandemic: Findings Among Adult Twin Pairs. <i>Frontiers in Psychiatry</i> , 2020 , 11, 571084	5	32
107	Impacts of the COVID-19 responses on traffic-related air pollution in a Northwestern US city. <i>Science of the Total Environment</i> , 2020 , 747, 141325	10.2	54
106	Occupational Exposure to Particulate Matter and Volatile Organic Compounds in Two Indoor Cannabis Production Facilities. <i>Annals of Work Exposures and Health</i> , 2020 , 64, 715-727	2.4	0

105	Perceived change in physical activity levels and mental health during COVID-19: Findings among adult twin pairs. <i>PLoS ONE</i> , 2020 , 15, e0237695	3.7	57
104	Community-Level Factors Associated with COVID-19 Cases and Testing Equity in King County, Washington. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	10
103	Contribution of low-cost sensor measurements to the prediction of PM levels: A case study in Imperial County, California, USA. <i>Environmental Research</i> , 2020 , 180, 108810	7.9	25
102	Perceived change in physical activity levels and mental health during COVID-19: Findings among adult twin pairs 2020 , 15, e0237695		
101	Perceived change in physical activity levels and mental health during COVID-19: Findings among adult twin pairs 2020 , 15, e0237695		
100	Perceived change in physical activity levels and mental health during COVID-19: Findings among adult twin pairs 2020 , 15, e0237695		
99	Perceived change in physical activity levels and mental health during COVID-19: Findings among adult twin pairs 2020 , 15, e0237695		
98	Next-Generation Community Air Quality Sensors for Identifying Air Pollution Episodes. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	6
97	Air Pollution Monitoring for Health Research and Patient Care. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 1207-1214	4.7	16
96	Real-Time Monitoring of Spray Drift from Three Different Orchard Sprayers. <i>Chemosphere</i> , 2019 , 222, 46-55	8.4	10
95	Exposures to Air Pollution and Noise from Multi-Modal Commuting in a Chinese City. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	17
94	Air pollution and child obesity: Assessing the feasibility of measuring personal PM2.5 exposures and behaviours related to BMI in preschool-aged children in China. <i>Obesity Medicine</i> , 2019 , 16, 100149	2.6	3
93	Use of Citizen Science-Derived Data for Spatial and Temporal Modeling of Particulate Matter near the US/Mexico Border. <i>Atmosphere</i> , 2019 , 10, 495	2.7	7
92	A Focused Review of Smartphone Diet-Tracking Apps: Usability, Functionality, Coherence With Behavior Change Theory, and Comparative Validity of Nutrient Intake and Energy Estimates. <i>JMIR MHealth and UHealth</i> , 2019 , 7, e9232	5.5	56
91	The Washington State Environmental Health Disparities Map: Development of a Community-Responsive Cumulative Impacts Assessment Tool. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	10
90	Real-time particle monitoring of pesticide drift from an axial fan airblast orchard sprayer. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019 , 29, 397-405	6.7	5
89	Quantitative microbial risk assessment used to evaluate seasonal wastewater treatment limits: case study in Vacaville, CA. <i>Water Science and Technology: Water Supply</i> , 2018 , 18, 910-925	1.4	3
88	Developing an index of dose of exposure to early childhood obesity community interventions. <i>Preventive Medicine</i> , 2018 , 111, 135-141	4.3	8

87	Evaluation of micro-well collector for capture and analysis of aerosolized <i>Bacillus subtilis</i> spores. <i>PLoS ONE</i> , 2018 , 13, e0197783	3.7	5
86	Combining Community Engagement and Scientific Approaches in Next-Generation Monitor Siting: The Case of the Imperial County Community Air Network. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	11
85	Discrepancy between Self-Reported and Urine Cotinine-Verified Environmental Tobacco Smoke Exposure among Rural Pregnant Women in China. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	5
84	Why neighborhood park proximity is not associated with total physical activity. <i>Health and Place</i> , 2018 , 52, 163-169	4.6	20
83	Usability of a Personal Air Pollution Monitor: Design-Feedback Iterative Cycle Study. <i>JMIR MHealth and UHealth</i> , 2018 , 6, e12023	5.5	5
82	The association between park facilities and the occurrence of physical activity during park visits. <i>Journal of Leisure Research</i> , 2018 , 49, 217-235	1.9	7
81	Cooking behaviors are related to household particulate matter exposure in children with asthma in the urban East Bay Area of Northern California. <i>PLoS ONE</i> , 2018 , 13, e0197199	3.7	13
80	The Association Between Park Facilities and Duration of Physical Activity During Active Park Visits. <i>Journal of Urban Health</i> , 2018 , 95, 869-880	5.8	7
79	A Comprehensive Review of Arsenic Exposure and Risk from Rice and a Risk Assessment among a Cohort of Adolescents in Kunming, China. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	14
78	Spray Drift from a Conventional Axial Fan Airblast Sprayer in a Modern Orchard Work Environment. <i>Annals of Work Exposures and Health</i> , 2018 , 62, 1134-1146	2.4	12
77	Ambient ozone and incident diabetes: A prospective analysis in a large cohort of African American women. <i>Environment International</i> , 2017 , 102, 42-47	12.9	37
76	An evaluation of wearable sensors and their placements for analyzing construction worker's trunk posture in laboratory conditions. <i>Applied Ergonomics</i> , 2017 , 65, 424-436	4.2	33
75	The Imperial County Community Air Monitoring Network: A Model for Community-based Environmental Monitoring for Public Health Action. <i>Environmental Health Perspectives</i> , 2017 , 125, 074501	8.4	47
74	Living Close to Natural Outdoor Environments in Four European Cities: Adults' Contact with the Environments and Physical Activity. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	33
73	Natural outdoor environments and mental health: Stress as a possible mechanism. <i>Environmental Research</i> , 2017 , 159, 629-638	7.9	94
72	Wearable sensors for monitoring on-duty and off-duty worker physiological status and activities in construction. <i>Automation in Construction</i> , 2017 , 83, 341-353	9.6	66
71	The unhealthy food environment does not modify the association between obesity and participation in the Supplemental Nutrition Assistance Program (SNAP) in Los Angeles County. <i>BMC Public Health</i> , 2017 , 17, 81	4.1	5
70	Validating novel air pollution sensors to improve exposure estimates for epidemiological analyses and citizen science. <i>Environmental Research</i> , 2017 , 158, 286-294	7.9	74

69	Development and field validation of a community-engaged particulate matter air quality monitoring network in Imperial, California, USA. <i>Journal of the Air and Waste Management Association</i> , 2017 , 67, 1342-1352	2.4	32
68	A Geographical Analysis of Emergency Medical Service Calls and Extreme Heat in King County, WA, USA (2007-2012). <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	2
67	The effect of randomised exposure to different types of natural outdoor environments compared to exposure to an urban environment on people with indications of psychological distress in Catalonia. <i>PLoS ONE</i> , 2017 , 12, e0172200	3.7	37
66	Models of Individual Dietary Behavior Based on Smartphone Data: The Influence of Routine, Physical Activity, Emotion, and Food Environment. <i>PLoS ONE</i> , 2016 , 11, e0153085	3.7	31
65	Benefits of Mobile Phone Technology for Personal Environmental Monitoring. <i>JMIR MHealth and UHealth</i> , 2016 , 4, e126	5.5	32
64	Long term exposure to NO2 and diabetes incidence in the Black Women's Health Study. <i>Environmental Research</i> , 2016 , 148, 360-366	7.9	33
63	Identification of Effects of Regulatory Actions on Air Quality in Goods Movement Corridors in California. <i>Environmental Science & Technology</i> , 2016 , 50, 8687-96	10.3	11
62	Measuring the food environment and its effects on obesity in the United States: a systematic review of methods and results. <i>Journal of Community Health</i> , 2015 , 40, 464-75	4	99
61	Integrating modelling and smart sensors for environmental and human health. <i>Environmental Modelling and Software</i> , 2015 , 74, 238-246	5.2	67
60	Acceptability and feasibility of smartphone-assisted 24 h recalls in the Chinese population. <i>Public Health Nutrition</i> , 2015 , 18, 3272-7	3.3	7
59	Laboratory Evaluation of the Shinyei PPD42NS Low-Cost Particulate Matter Sensor. <i>PLoS ONE</i> , 2015 , 10, e0137789	3.7	68
58	Developing a model curriculum for a university course in health impact assessment in the USA. <i>Impact Assessment and Project Appraisal</i> , 2015 , 33, 80-85	1.7	6
57	Associations of family and neighborhood socioeconomic characteristics with longitudinal adiposity patterns in a biracial cohort of adolescent girls. <i>Biodemography and Social Biology</i> , 2015 , 61, 81-97	1.1	2
56	Response to Letter to the Editor by Joe Brew, Department of Epidemiology, University of Florida. <i>Journal of Epidemiology and Community Health</i> , 2015 , 69, 817	5.1	
55	A distributed network of low-cost continuous reading sensors to measure spatiotemporal variations of PM2.5 in Xi'an, China. <i>Environmental Pollution</i> , 2015 , 199, 56-65	9.3	190
54	Variability in and agreement between modeled and personal continuously measured black carbon levels using novel smartphone and sensor technologies. <i>Environmental Science & Technology</i> , 2015 , 49, 2977-82	10.3	87
53	Building capacity for Health Impact Assessment: Training outcomes from the United States. <i>Environmental Impact Assessment Review</i> , 2015 , 50, 190-195	5.3	8
52	Real-Time Estimation of Pollution Emissions and Dispersion from Highway Traffic. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2014 , 29, 546-558	8.4	20

51	Assessment of traffic-related noise in three cities in the United States. <i>Environmental Research</i> , 2014 , 132, 182-9	7.9	58
50	Semiparametric Estimation of the Impacts of Longitudinal Interventions on Adolescent Obesity using Targeted Maximum-Likelihood: Accessible Estimation with the Itmlr Package. <i>Journal of Causal Inference</i> , 2014 , 2, 95-108	1.9	7
49	Health impact assessment in the United States: Has practice followed standards?. <i>Environmental Impact Assessment Review</i> , 2014 , 47, 47-53	5.3	9
48	mSpray: a mobile phone technology to improve malaria control efforts and monitor human exposure to malaria control pesticides in Limpopo, South Africa. <i>Environment International</i> , 2014 , 68, 219-26	12.9	21
47	Evaluation of an Algorithm for Retrospective Hypoglycemia Detection Using Professional Continuous Glucose Monitoring Data. <i>Journal of Diabetes Science and Technology</i> , 2014 , 8, 117-122	4.1	12
46	Positive health effects of the natural outdoor environment in typical populations in different regions in Europe (PHENOTYPE): a study programme protocol. <i>BMJ Open</i> , 2014 , 4, e004951	3	98
45	Influences of the neighbourhood food environment on adiposity of low-income preschool-aged children in Los Angeles County: a longitudinal study. <i>Journal of Epidemiology and Community Health</i> , 2014 , 68, 1027-33	5.1	19
44	Development and validity of a 3-day smartphone assisted 24-hour recall to assess beverage consumption in a Chinese population: a randomized cross-over study. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2014 , 23, 678-90	1	10
43	Real-time hypoglycemia detection from continuous glucose monitoring data of subjects with type 1 diabetes. <i>Diabetes Technology and Therapeutics</i> , 2013 , 15, 538-43	8.1	21
42	Improving estimates of air pollution exposure through ubiquitous sensing technologies. <i>Environmental Pollution</i> , 2013 , 176, 92-9	9.3	162
41	Comparison of physical activity measures using mobile phone-based CalFit and Actigraph. <i>Journal of Medical Internet Research</i> , 2013 , 15, e111	7.6	45
40	Patterns of intestinal schistosomiasis among mothers and young children from Lake Albert, Uganda: water contact and social networks inferred from wearable global positioning system dataloggers. <i>Geospatial Health</i> , 2012 , 7, 1-13	2.2	35
39	A study of community design, greenness, and physical activity in children using satellite, GPS and accelerometer data. <i>Health and Place</i> , 2012 , 18, 46-54	4.6	223
38	Air pollution and incidence of hypertension and diabetes mellitus in black women living in Los Angeles. <i>Circulation</i> , 2012 , 125, 767-72	16.7	266
37	Investigating the spatial micro-epidemiology of diseases within a point-prevalence sample: a field applicable method for rapid mapping of households using low-cost GPS-dataloggers. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2011 , 105, 500-6	2	25
36	Closing the praziquantel treatment gap: new steps in epidemiological monitoring and control of schistosomiasis in African infants and preschool-aged children. <i>Parasitology</i> , 2011 , 138, 1593-606	2.7	80
35	Quantitative estimation in Health Impact Assessment: Opportunities and challenges. <i>Environmental Impact Assessment Review</i> , 2011 , 31, 301-309	5.3	26
34	Human schistosomiasis resistance to praziquantel in China: should we be worried?. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011 , 85, 74-82	3.2	43

33	Evaluation of mammalian and intermediate host surveillance methods for detecting schistosomiasis reemergence in southwest China. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e987	4.8	35
32	Toward sustainable and comprehensive control of schistosomiasis in China: lessons from Sichuan. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1372	4.8	36
31	CLEARSKY: ESTIMATING CO AND PM2.5 EXPOSURE VARIATIONS FROM TRAFFIC SENSORS. <i>ISEE Conference Abstracts</i> , 2011 , 2011,	2.9	1
30	Analytical methods for quantifying environmental connectivity for the control and surveillance of infectious disease spread. <i>Journal of the Royal Society Interface</i> , 2010 , 7, 1181-93	4.1	21
29	Opportunistic strategies for lightweight signal processing for body sensor networks 2010 ,		11
28	Enabling Multiple BSN Applications Using the SPINE Framework 2010 ,		20
27	WAVE and CalFit Towards social interaction in mobile body sensor networks 2010 ,		6
26	The efficacy of satellite information in improving CMAQ/Models-3 prediction of ozone episodes in the US/Mexico border. <i>Air Quality, Atmosphere and Health</i> , 2010 , 3, 159-169	5.6	4
25	Disease transmission models for public health decision-making: designing intervention strategies for <i>Schistosoma japonicum</i> . <i>Advances in Experimental Medicine and Biology</i> , 2010 , 673, 172-83	3.6	3
24	Leveraging rural energy investment for parasitic disease control: schistosome ova inactivation and energy co-benefits of anaerobic digesters in rural China. <i>PLoS ONE</i> , 2009 , 4, e4856	3.7	19
23	Connectivity sustains disease transmission in environments with low potential for endemicity: modelling schistosomiasis with hydrologic and social connectivities. <i>Journal of the Royal Society Interface</i> , 2009 , 6, 495-508	4.1	72
22	An area-level model of vehicle-pedestrian injury collisions with implications for land use and transportation planning. <i>Accident Analysis and Prevention</i> , 2009 , 41, 137-45	6.1	232
21	DexterNet: An Open Platform for Heterogeneous Body Sensor Networks and its Applications 2009 ,		48
20	A wireless body sensor network for the prevention and management of asthma 2009 ,		20
19	Pathogen Characterization of Fresh and Stored Biosolids and Implications of a Screening Level Microbial Risk Assessment. <i>Proceedings of the Water Environment Federation</i> , 2009 , 2009, 131-160		3
18	Impact of changing water levels and weather on <i>Oncomelania hupensis hupensis</i> populations, the snail host of <i>Schistosoma japonicum</i> , downstream of the Three Gorges Dam. <i>EcoHealth</i> , 2008 , 5, 149-58	3.1	42
17	The use of a vest equipped with a global positioning system to assess water-contact patterns associated with schistosomiasis. <i>Geospatial Health</i> , 2007 , 1, 233-41	2.2	24
16	Spatial distribution of traffic induced noise exposures in a US city: an analytic tool for assessing the health impacts of urban planning decisions. <i>International Journal of Health Geographics</i> , 2007 , 6, 24	3.5	53

15	Individual and village-level study of water contact patterns and <i>Schistosoma japonicum</i> infection in mountainous rural China. <i>Tropical Medicine and International Health</i> , 2007 , 12, 1199-209	2.3	27
14	Environmental effects on parasitic disease transmission exemplified by schistosomiasis in western China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 7110-5	11.5	91
13	Fighting waterborne infectious diseases. <i>Science</i> , 2006 , 314, 1081-3; author reply 1081-3	33.3	14
12	A Spatial-Temporal Model for Assessing the Effects of Intervillage Connectivity in Schistosomiasis Transmission. <i>Annals of the American Association of Geographers</i> , 2006 , 96, 31-46		39
11	A multi-group model of <i>Schistosoma japonicum</i> transmission dynamics and control: model calibration and control prediction. <i>Tropical Medicine and International Health</i> , 2005 , 10, 263-78	2.3	47
10	Genetic and household risk factors for <i>Schistosoma japonicum</i> infection in the presence of larger scale environmental differences in the mountainous transmission areas of China. <i>American Journal of Tropical Medicine and Hygiene</i> , 2005 , 73, 1145-50	3.2	6
9	Factors influencing the transmission of <i>Schistosoma japonicum</i> in the mountains of Sichuan Province of China. <i>American Journal of Tropical Medicine and Hygiene</i> , 2004 , 70, 48-56	3.2	37
8	Snail Density Estimation for Schistosomiasis Control by Integrating Field Survey and Multiscale Satellite Images. <i>Annals of GIS</i> , 2003 , 9, 97-100	4.1	
7	Comparison of Gray-Level Reduction and Different Texture Spectrum Encoding Methods for Land-Use Classification Using a Panchromatic Ikonos Image. <i>Photogrammetric Engineering and Remote Sensing</i> , 2003 , 69, 529-536	1.6	39
6	Disease transmission models for public health decision making: toward an approach for designing intervention strategies for <i>Schistosomiasis japonica</i> . <i>Environmental Health Perspectives</i> , 2002 , 110, 907-15	8.4	58
5	Applying GIS and Remote Sensing to the Epidemiology of Schistosomiasis in Poyang Lake, Jiangxi Province, China. <i>Annals of GIS</i> , 2002 , 8, 67-77	4.1	
4	A simulation model for occupational tuberculosis transmission. <i>Risk Analysis</i> , 1997 , 17, 609-16	3.9	3
3	Quantifying water pathogen risk in an epidemiological framework. <i>Risk Analysis</i> , 1996 , 16, 549-63	3.9	66
2	Excitation-Emission Matrix Spectroscopy for Analysis of Chemical Composition of Combustion Generated Particulate Matter		2
1	Towards Disentangling Lockdown-Driven Air Quality Changes in the Northeastern U.S.. <i>Journal of Extreme Events</i> , 2150017	1	0