

Man Sing Wong

List of Publications by Citations

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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.

165 papers	3,140 citations	31 h-index	48 g-index
181 ext. papers	3,846 ext. citations	5.1 avg, IF	5.8 L-index

#	Paper	IF	Citations
165	Satellite remote sensing for detailed landslide inventories using change detection and image fusion. <i>International Journal of Remote Sensing</i> , 2005 , 26, 1913-1926	3.1	173
164	Urban heat island diagnosis using ASTER satellite images and in situ air temperature. <i>Atmospheric Research</i> , 2009 , 94, 276-284	5.4	135
163	A simple method for designation of urban ventilation corridors and its application to urban heat island analysis. <i>Building and Environment</i> , 2010 , 45, 1880-1889	6.5	131
162	Application of high-resolution stereo satellite images to detailed landslide hazard assessment. <i>Geomorphology</i> , 2006 , 76, 68-75	4.3	116
161	Modeling urban environmental quality in a tropical city. <i>Landscape and Urban Planning</i> , 2005 , 73, 49-58	7.7	109
160	Evaluation of machine learning techniques with multiple remote sensing datasets in estimating monthly concentrations of ground-level PM. <i>Environmental Pollution</i> , 2018 , 242, 1417-1426	9.3	83
159	Aerosol single scattering albedo estimated across China from a combination of ground and satellite measurements. <i>Journal of Geophysical Research</i> , 2007 , 112,		80
158	A multi-sensor study of water vapour from radiosonde, MODIS and AERONET: a case study of Hong Kong. <i>International Journal of Climatology</i> , 2013 , 33, 109-120	3.5	68
157	A study of the 'wall effect' caused by proliferation of high-rise buildings using GIS techniques. <i>Landscape and Urban Planning</i> , 2011 , 102, 245-253	7.7	68
156	Estimation of Hong Kong's solar energy potential using GIS and remote sensing technologies. <i>Renewable Energy</i> , 2016 , 99, 325-335	8.1	63
155	Carbon Footprint Analyses of Mainstream Wastewater Treatment Technologies under Different Sludge Treatment Scenarios in China. <i>Water (Switzerland)</i> , 2015 , 7, 918-938	3	57
154	Trans-boundary aerosol transport during a winter haze episode in China revealed by ground-based Lidar and CALIPSO satellite. <i>Atmospheric Environment</i> , 2016 , 141, 20-29	5.3	56
153	Comparison of Machine Learning Algorithms for Retrieval of Water Quality Indicators in Case-II Waters: A Case Study of Hong Kong. <i>Remote Sensing</i> , 2019 , 11, 617	5	55
152	Modeling the effective emissivity of the urban canopy using sky view factor. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015 , 105, 211-219	11.8	51
151	Spatial variability of frontal area index and its relationship with urban heat island intensity. <i>International Journal of Remote Sensing</i> , 2013 , 34, 885-896	3.1	47
150	Spatiotemporal influence of temperature, air quality, and urban environment on cause-specific mortality during hazy days. <i>Environment International</i> , 2018 , 112, 10-22	12.9	47
149	Remote sensing of urban vegetation life form by spectral mixture analysis of high-resolution IKONOS satellite images. <i>International Journal of Remote Sensing</i> , 2007 , 28, 985-1000	3.1	46

148	Empirical correction of low Sun angle images in steeply sloping terrain: a slope-matching technique. <i>International Journal of Remote Sensing</i> , 2006 , 27, 629-635	3.1	46
147	Derivation of Nighttime Urban Air Temperatures Using a Satellite Thermal Image. <i>Journal of Applied Meteorology and Climatology</i> , 2009 , 48, 863-872	2.7	44
146	Modeling of Anthropogenic Heat Flux Using HJ-1B Chinese Small Satellite Image: A Study of Heterogeneous Urbanized Areas in Hong Kong. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015 , 12, 1466-1470	4.1	43
145	Detection and interpretation of landslides using satellite images. <i>Land Degradation and Development</i> , 2005 , 16, 243-255	4.4	43
144	Wind weakening in a dense high-rise city due to over nearly five decades of urbanization. <i>Building and Environment</i> , 2018 , 138, 207-220	6.5	40
143	Characterizing spatiotemporal dynamics of anthropogenic heat fluxes: A 20-year case study in Beijing-Tianjin-Hebei region in China. <i>Environmental Pollution</i> , 2019 , 249, 923-931	9.3	39
142	An operational MODIS aerosol retrieval algorithm at high spatial resolution, and its application over a complex urban region. <i>Atmospheric Research</i> , 2011 , 99, 579-589	5.4	38
141	Improvement of aerosol optical depth retrieval over Hong Kong from a geostationary meteorological satellite using critical reflectance with background optical depth correction. <i>Remote Sensing of Environment</i> , 2014 , 142, 176-187	13.2	37
140	Estimation of potential source regions of PM 2.5 in Beijing using backward trajectories. <i>Atmospheric Pollution Research</i> , 2015 , 6, 173-177	4.5	36
139	Influences of socioeconomic vulnerability and intra-urban air pollution exposure on short-term mortality during extreme dust events. <i>Environmental Pollution</i> , 2018 , 235, 155-162	9.3	35
138	Environmental impacts of shifts in energy, emissions, and urban heat island during the COVID-19 lockdown across Pakistan. <i>Journal of Cleaner Production</i> , 2021 , 291, 125806	10.3	35
137	Advancing of Land Surface Temperature Retrieval Using Extreme Learning Machine and Spatio-Temporal Adaptive Data Fusion Algorithm. <i>Remote Sensing</i> , 2015 , 7, 4424-4441	5	32
136	Spatial variability of air temperature and appropriate resolution for satellite-derived air temperature estimation. <i>International Journal of Remote Sensing</i> , 2008 , 29, 7213-7223	3.1	32
135	Spatially Analyzing the Inequity of the Hong Kong Urban Heat Island by Socio-Demographic Characteristics. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	32
134	Study of the geometry effect on land surface temperature retrieval in urban environment. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2015 , 109, 77-87	11.8	31
133	Retrieval of Aerosol Optical Thickness Using MODIS \$ \times 500 \$ times \$ \times 500 \$ \$ \times m^2 \$, a Study in Hong Kong and the Pearl River Delta Region. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2010 , 48, 3318-3327	8.1	30
132	Impact of land surface heterogeneity on urban heat island circulation and sea-land breeze circulation in Hong Kong. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 4332-4352	4.4	29
131	Development of an improved urban emissivity model based on sky view factor for retrieving effective emissivity and surface temperature over urban areas. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2016 , 122, 30-40	11.8	27

130	Analysis of airborne particulate matter (PM2.5) over Hong Kong using remote sensing and GIS. <i>Sensors</i> , 2012 , 12, 6825-36	3.8	26
129	Preliminary study of the parameterisation of street-level ventilation in idealised two-dimensional simulations. <i>Building and Environment</i> , 2015 , 89, 345-355	6.5	25
128	Understanding heat patterns produced by vehicular flows in urban areas. <i>Scientific Reports</i> , 2017 , 7, 16309	4.9	25
127	Multi-sensors study of precipitable water vapour over mainland China. <i>International Journal of Climatology</i> , 2015 , 35, 3146-3159	3.5	25
126	A new approach for the estimation of phytoplankton cell counts associated with algal blooms. <i>Science of the Total Environment</i> , 2017 , 590-591, 125-138	10.2	24
125	A multi-scale hybrid neural network retrieval model for dust storm detection, a study in Asia. <i>Atmospheric Research</i> , 2015 , 158-159, 89-106	5.4	24
124	Assessment of Urban Environmental Quality in a Subtropical City Using Multispectral Satellite Images. <i>Environment and Planning B: Planning and Design</i> , 2006 , 33, 39-58		23
123	Spatial analysis of the impact of urban geometry and socio-demographic characteristics on COVID-19, a study in Hong Kong. <i>Science of the Total Environment</i> , 2021 , 764, 144455	10.2	23
122	Investigating the Relationship between the Built Environment and Relative Risk of COVID-19 in Hong Kong. <i>ISPRS International Journal of Geo-Information</i> , 2020 , 9, 624	2.9	22
121	Improved aerosol retrieval algorithm using Landsat images and its application for PM10 monitoring over urban areas. <i>Atmospheric Research</i> , 2015 , 153, 264-275	5.4	21
120	Assessing avian habitat fragmentation in urban areas of Hong Kong (Kowloon) at high spatial resolution using spectral unmixing. <i>Landscape and Urban Planning</i> , 2010 , 95, 54-60	7.7	20
119	Ceruloplasmin promotes iron uptake rather than release in BT325 cells. <i>Experimental Brain Research</i> , 2001 , 140, 369-74	2.3	20
118	Nosocomial Outbreak of Coronavirus Disease 2019 by Possible Airborne Transmission Leading to a Superspreading Event. <i>Clinical Infectious Diseases</i> , 2021 , 73, e1356-e1364	11.6	20
117	Identifying the space-time patterns of COVID-19 risk and their associations with different built environment features in Hong Kong. <i>Science of the Total Environment</i> , 2021 , 772, 145379	10.2	20
116	Global trends of aerosol optical thickness using the ensemble empirical mode decomposition method. <i>International Journal of Climatology</i> , 2016 , 36, 4358-4372	3.5	20
115	Reconstruction of historical datasets for analyzing spatiotemporal influence of built environment on urban microclimates across a compact city. <i>Building and Environment</i> , 2017 , 123, 649-660	6.5	19
114	Impact assessment of a super-typhoon on Hong Kong's secondary vegetation and recommendations for restoration of resilience in the forest succession. <i>Agricultural and Forest Meteorology</i> , 2020 , 280, 107784	5.8	19
113	Towards a Smart City: Development and Application of an Improved Integrated Environmental Monitoring System. <i>Sustainability</i> , 2018 , 10, 623	3.6	18

112	Improved volcanic ash detection based on a hybrid reverse absorption technique. <i>Atmospheric Research</i> , 2014 , 143, 31-42	5.4	18
111	An approach to evaluate the absolute accuracy of WVR water vapor measurements inferred from multiple water vapor techniques. <i>Journal of Geodynamics</i> , 2013 , 72, 86-94	2.2	18
110	Mapping Urban Environmental Quality Using Satellite Data and Multiple Parameters. <i>Environment and Planning B: Planning and Design</i> , 2009 , 36, 170-185		18
109	Green Infrastructure as an Urban Heat Island Mitigation Strategy: A Review. <i>Water (Switzerland)</i> , 2020 , 12, 3577	3	17
108	Estimation of aerosol sources and aerosol transport pathways using AERONET clustering and backward trajectories: a case study of Hong Kong. <i>International Journal of Remote Sensing</i> , 2013 , 34, 938-955	3.1	17
107	Modeling of urban wind ventilation using high resolution airborne LiDAR data. <i>Computers, Environment and Urban Systems</i> , 2017 , 64, 81-90	5.9	16
106	Validation of MODIS, MISR, OMI, and CALIPSO aerosol optical thickness using ground-based sunphotometers in Hong Kong. <i>International Journal of Remote Sensing</i> , 2013 , 34, 897-918	3.1	16
105	Modeling of Aerosol Vertical Profiles Using GIS and Remote Sensing. <i>Sensors</i> , 2009 , 9, 4380-9	3.8	16
104	The effect of urban morphology on the solar capacity of three-dimensional cities. <i>Renewable Energy</i> , 2020 , 153, 1111-1126	8.1	15
103	Detection and Monitoring of Marine Pollution Using Remote Sensing Technologies 2019 ,		15
102	Spatial variability of excess mortality during prolonged dust events in a high-density city: a time-stratified spatial regression approach. <i>International Journal of Health Geographics</i> , 2017 , 16, 26	3.5	15
101	Development of a personal integrated environmental monitoring system. <i>Sensors</i> , 2014 , 14, 22065-81	3.8	15
100	Retrieval of dust storm aerosols using an integrated Neural Network model. <i>Computers and Geosciences</i> , 2015 , 85, 104-114	4.5	14
99	Temperature change and urbanisation in a multi-nucleated megacity: China's Pearl River Delta. <i>Urban Climate</i> , 2020 , 31, 100592	6.8	14
98	Spatial analytical methods for deriving a historical map of physiological equivalent temperature of Hong Kong. <i>Building and Environment</i> , 2016 , 99, 22-28	6.5	14
97	Exploring Bluetooth Beacon Use Cases in Teaching and Learning: Increasing the Sustainability of Physical Learning Spaces. <i>Sustainability</i> , 2019 , 11, 4005	3.6	14
96	Object-oriented tracking of the dynamic behavior of urban heat islands. <i>International Journal of Geographical Information Science</i> , 2017 , 31, 405-424	4.1	14
95	Habitat Mapping in Rugged Terrain Using Multispectral Ikonos Images. <i>Photogrammetric Engineering and Remote Sensing</i> , 2008 , 74, 1325-1334	1.6	14

94	A Study of Incentive Policies for Building-Integrated Photovoltaic Technology in Hong Kong. <i>Sustainability</i> , 2016 , 8, 769	3.6	14
93	Neighborhood-based subjective environmental vulnerability index for community health assessment: Development, validation and evaluation. <i>Science of the Total Environment</i> , 2019 , 654, 1082-1090	10.2	14
92	Observational evidence of a long-term increase in precipitation due to urbanization effects and its implications for sustainable urban living. <i>Science of the Total Environment</i> , 2017 , 599-600, 647-654	10.2	13
91	Influence of Urban Green Space and Facility Accessibility on Exercise and Healthy Diet in Hong Kong. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	13
90	Neighbourhood green space, perceived stress and sleep quality in an urban population. <i>Urban Forestry and Urban Greening</i> , 2020 , 54, 126763	5.4	13
89	A 3D aerosol and visibility information system for urban areas using remote sensing and GIS. <i>Atmospheric Environment</i> , 2010 , 44, 2501-2506	5.3	13
88	Urban environmental influences on the temperature-mortality relationship associated mental disorders and cardiorespiratory diseases during normal summer days in a subtropical city. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 24272-24285	5.1	11
87	Analytical approach to estimating aerosol extinction and visibility from satellite observations. <i>Atmospheric Environment</i> , 2014 , 91, 127-136	5.3	11
86	A Reliability-Based Multi-Algorithm Fusion Technique in Detecting Changes in Land Cover. <i>Remote Sensing</i> , 2013 , 5, 1134-1151	5	11
85	Continuous ground-based aerosol Lidar observation during seasonal pollution events at Wuxi, China. <i>Atmospheric Environment</i> , 2017 , 154, 189-199	5.3	10
84	A study of plot ratio/building height restrictions in high density cities using 3D spatial analysis technology: A case in Hong Kong. <i>Habitat International</i> , 2017 , 65, 13-31	4.6	10
83	A semi-empirical method for estimating complete surface temperature from radiometric surface temperature, a study in Hong Kong city. <i>Remote Sensing of Environment</i> , 2020 , 237, 111540	13.2	10
82	Characterizing and classifying urban tree species using bi-monthly terrestrial hyperspectral images in Hong Kong. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021 , 177, 204-216	11.8	10
81	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 1068-1081	4.7	9
80	COVID-19 Infection and Mortality: Association with PM2.5 Concentration and Population Density: An Exploratory Study. <i>ISPRS International Journal of Geo-Information</i> , 2021 , 10, 123	2.9	9
79	Approaches of Satellite Remote Sensing for the Assessment of Above-Ground Biomass across Tropical Forests: Pan-tropical to National Scales. <i>Remote Sensing</i> , 2020 , 12, 3351	5	8
78	Solar accessibility in developing cities: A case study in Kowloon East, Hong Kong. <i>Sustainable Cities and Society</i> , 2019 , 51, 101738	10.1	8
77	Aerosol pollution and its potential impacts on outdoor human thermal sensation: East Asian perspectives. <i>Environmental Research</i> , 2017 , 158, 753-758	7.9	8

76	Comparing the space-time patterns of high-risk areas in different waves of COVID-19 in Hong Kong. <i>Transactions in GIS</i> , 2021 ,	2.1	8
75	Evaluation of the representativeness of ground-based visibility for analysing the spatial and temporal variability of aerosol optical thickness in China. <i>Atmospheric Environment</i> , 2016 , 147, 31-45	5.3	8
74	Spatial and environmental constraints on natural forest regeneration in the degraded landscape of Hong Kong. <i>Science of the Total Environment</i> , 2021 , 752, 141760	10.2	8
73	Plant chemistry associated dynamic modelling to enhance urban vegetation carbon sequestration potential via bioenergy harvesting. <i>Journal of Cleaner Production</i> , 2018 , 197, 1084-1094	10.3	8
72	Analysing the effects for different scenarios on surrounding environment in a high-density city. <i>Cities</i> , 2020 , 99, 102585	5.6	7
71	Geostationary Satellite Observation of Precipitable Water Vapor Using an Empirical Orthogonal Function (EOF) based Reconstruction Technique over Eastern China. <i>Remote Sensing</i> , 2015 , 7, 5879-5900 ⁵		7
70	Estimation of ambient BVOC emissions using remote sensing techniques. <i>Atmospheric Environment</i> , 2011 , 45, 2937-2943	5.3	7
69	Desert dust aerosols observed in a tropical humid city: a case study over Hong Kong. <i>International Journal of Remote Sensing</i> , 2010 , 31, 1043-1051	3.1	7
68	Analysis of accessibility to emergency rooms by dynamic population from mobile phone data: Geography of social inequity in South Korea. <i>PLoS ONE</i> , 2020 , 15, e0231079	3.7	7
67	Review of dust storm detection algorithms for multispectral satellite sensors. <i>Atmospheric Research</i> , 2021 , 250, 105398	5.4	7
66	Assessing the impact of urban geometry on surface urban heat island using complete and nadir temperatures. <i>International Journal of Climatology</i> , 2021 , 41, E3219	3.5	7
65	. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2016 , 13, 1767-1771	4.1	6
64	High resolution remote sensing of densely urbanised regions: a case study of Hong Kong. <i>Sensors</i> , 2009 , 9, 4695-708	3.8	6
63	High resolution aerosol optical thickness retrieval over the Pearl River Delta region with improved aerosol modelling. <i>Science in China Series D: Earth Sciences</i> , 2009 , 52, 1641-1649		6
62	Sensing urban poverty: From the perspective of human perception-based greenery and open-space landscapes. <i>Computers, Environment and Urban Systems</i> , 2020 , 84, 101544	5.9	6
61	Trends in vegetation productivity related to climate change in China's Pearl River Delta. <i>PLoS ONE</i> , 2021 , 16, e0245467	3.7	6
60	Spatiotemporal Prediction of Increasing Winter Perceived Temperature across a Sub-Tropical City for Sustainable Planning and Climate Change Mitigation. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	5
59	Spatially differentiating the effects of long-term air pollution on specific causes of death from cardiovascular and respiratory mortality in Hong Kong: a territory-wide register-based study. <i>Air Quality, Atmosphere and Health</i> , 2020 , 13, 721-730	5.6	5

58	Improved Mobile Application for Measuring Aerosol Optical Thickness in the Ultraviolet-A Wavelength. <i>IEEE Sensors Journal</i> , 2016 , 16, 2055-2059	4	5
57	A Stacking Ensemble Deep Learning Model for Building Extraction from Remote Sensing Images. <i>Remote Sensing</i> , 2021 , 13, 3898	5	5
56	Understanding space-time patterns of vehicular emission flows in urban areas using geospatial technique. <i>Computers, Environment and Urban Systems</i> , 2020 , 79, 101399	5.9	5
55	Modeling BVOC isoprene emissions based on a GIS and remote sensing database. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013 , 21, 66-77	7.3	4
54	Monitoring 2.5 μ m particulate matter within urbanized regions using satellite-derived aerosol optical thickness, a study in Hong Kong. <i>International Journal of Remote Sensing</i> , 2011 , 32, 8449-8462	3.1	4
53	Fine Resolution Air Quality Monitoring from a Small Satellite: CHRIS/PROBA. <i>Sensors</i> , 2008 , 8, 7581-7595	3.8	4
52	Conceptualizing How Severe Haze Events Are Impacting Long-Term Satellite-Based Trend Studies of Aerosol Optical Thickness over Asia. <i>Springer Remote Sensing/photogrammetry</i> , 2018 , 425-445	0.2	4
51	Yearly and Daily Relationship Assessment between Air Pollution and Early-Stage COVID-19 Incidence: Evidence from 231 Countries and Regions. <i>ISPRS International Journal of Geo-Information</i> , 2021 , 10, 401	2.9	4
50	Object-based, multi-sensor habitat mapping of successional age classes for effective management of a 70-year secondary forest succession. <i>Land Use Policy</i> , 2020 , 99, 103360	5.6	4
49	Synergetic analysis of springtime air pollution episodes over Gwangju, Korea. <i>Journal of Environmental Sciences</i> , 2017 , 57, 270-283	6.4	3
48	Perceived differences in the (re)production of environmental deprivation between sub-populations: A study combining citizens' perceptions with remote-sensed and administrative data. <i>Building and Environment</i> , 2020 , 174, 106769	6.5	3
47	The urban heat island in Hong Kong: Causative factors and scenario analysis 2009 ,		3
46	Potential accuracy of image orientation of small satellites: a case study of CHRIS/Proba data. <i>Photogrammetric Record</i> , 2008 , 23, 275-289	1.7	3
45	An economically feasible optimization of photovoltaic provision using real electricity demand: A case study in New York city. <i>Sustainable Cities and Society</i> , 2022 , 78, 103614	10.1	3
44	Object-oriented tracking of thematic and spatial behaviors of urban heat islands. <i>Transactions in GIS</i> , 2020 , 24, 85-103	2.1	3
43	Tree tilt monitoring in rural and urban landscapes of Hong Kong using smart sensing technology. <i>Trees, Forests and People</i> , 2020 , 2, 100030	1.8	3
42	Geospatial context of social and environmental factors associated with health risk during temperature extremes: Review and discussion. <i>Geospatial Health</i> , 2020 , 15,	2.2	3
41	High-resolution mesoscale simulation of the microclimatic effects of urban development in the past, present, and future Hong Kong. <i>Urban Climate</i> , 2021 , 37, 100850	6.8	3

40	Assessing the Country-Level Excess All-Cause Mortality and the Impacts of Air Pollution and Human Activity during the COVID-19 Epidemic. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	3
39	Assessment of MODIS, OMI, MISR and CALIOP Aerosol Products for Estimating Surface Visual Range: A Mathematical Model for Hong Kong. <i>Remote Sensing</i> , 2018 , 10, 1333	5	3
38	Spatiotemporal impact of vehicle heat on urban thermal environment: A case study in Hong Kong. <i>Building and Environment</i> , 2021 , 205, 108224	6.5	3
37	Performance Evaluation of iBeacon Deployment for Location-Based Services in Physical Learning Spaces. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7126	2.6	2
36	Constructing a Map of Physiological Equivalent Temperature by Spatial Analysis Techniques 2018 , 389-401		2
35	A Simplified Method for Retrieving Aerosol Optical Thickness Using Visibility Data Between 1980 and 2014, A Case Study in China. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017 , 10, 4409-4416	4.7	2
34	Investigation of diversity and accuracy in ensemble of classifiers using Bayesian decision rules 2008 ,		2
33	A Review of Dynamic Tree Behaviors: Measurement Methods on Tree Sway, Tree Tilt, and RootPlate Movement. <i>Forests</i> , 2021 , 12, 379	2.8	2
32	Monitoring and Evaluating Nature-Based Solutions Implementation in Urban Areas by Means of Earth Observation. <i>Remote Sensing</i> , 2021 , 13, 1503	5	2
31	Development of an Integrated Micro-Environmental Monitoring System for Construction Sites. <i>Procedia Environmental Sciences</i> , 2016 , 36, 207-214		2
30	Assessing the Potential of Geostationary Himawari-8 for Mapping Surface Total Suspended Solids and Its Diurnal Changes. <i>Remote Sensing</i> , 2021 , 13, 336	5	2
29	Observing the impact of urban morphology and building geometry on thermal environment by high spatial resolution thermal images. <i>Urban Climate</i> , 2021 , 39, 100937	6.8	2
28	Estimation of the Urban Heat Island Effect in a Reformed Urban District: A Scenario-Based Study in Hong Kong. <i>Sustainability</i> , 2022 , 14, 4409	3.6	2
27	Mortality risk of a future heat event across a subtropical city: implications for community planning and health policy. <i>Natural Hazards</i> , 2020 , 103, 623-637	3	1
26	Retrieval of Urban Surface Temperature Using Remote Sensing Satellite Imagery 2019 , 129-154		1
25	Application of high-resolution satellite images to detailed landslide hazard assessment 2009 ,		1
24	Data fusion using aerial photographs and satellite images for detailed landslide assessment. <i>International Journal of Image and Data Fusion</i> , 2011 , 2, 181-190	1.8	1
23	A study of impact of Asian dusts and their transport pathways to Hong Kong using multiple AERONET data, trajectory, and in-situ measurements 2010 ,		1

22	A New Algorithm for Retrieving Aerosol Optical Thickness Using TERRA/MODIS Satellite Images. <i>Annals of GIS</i> , 2008 , 14, 86-91	4.1	1
21	Retrieval of aerosol optical thickness using MODIS 500 500m2, a study in Hong Kong and Pearl River delta region 2008 ,		1
20	Investigation of Urban Environmental Quality Using an Integration of Satellite, Ground based measurement data over Seoul, Korea. <i>Korean Journal of Remote Sensing</i> , 2011 , 27, 339-351		1
19	Multi-wavelength UV imaging detection system applied for varying environmental conditions: Detection of SO2 as an example. <i>Microchemical Journal</i> , 2020 , 153, 104395	4.8	1
18	The Impact of the Environment on the Quality of Life and the Mediating Effects of Sleep and Stress. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	1
17	Evaluation of the representativeness of ground-based visibility for analysis the spatial and temporal variability of aerosol optical thickness in China 2016 ,		1
16	Solar photovoltaic generation for charging shared electric scooters. <i>Applied Energy</i> , 2022 , 313, 118728	10.7	1
15	A physical knowledge-based machine learning method for near-real-time dust aerosol properties retrieval from the Himawari-8 satellite data. <i>Atmospheric Environment</i> , 2022 , 119098	5.3	1
14	. <i>IEEE Access</i> , 2020 , 8, 1118-1134	3.5	0
13	Optical Remote Sensing. <i>Urban Book Series</i> , 2021 , 315-344	0.3	0
12	Unveiling Falling Urban Trees before and during Typhoon Higos (2020): Empirical Case Study of Potential Structural Failure Using Tilt Sensor. <i>Forests</i> , 2022 , 13, 359	2.8	0
11	Association between Global Air Pollution and COVID-19 Mortality: A Study of Forty-Six Cities in the World. <i>Annals of the American Association of Geographers</i> , 1-17	2.6	0
10	Effects of Urban Green Space on Cardiovascular and Respiratory Biomarkers in Chinese Adults: Panel Study Using Digital Tracking Devices.. <i>JMIR Cardio</i> , 2021 , 5, e31316	3.1	0
9	Tropical Species Classification with Structural Traits Using Handheld Laser Scanning Data. <i>Remote Sensing</i> , 2022 , 14, 1948	5	0
8	Optimization of photovoltaic provision in a three-dimensional city using real-time electricity demand. <i>Applied Energy</i> , 2022 , 316, 119042	10.7	0
7	Simplified estimation modeling of land surface solar irradiation: A comparative study in Australia and China. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 52, 102323	4.7	0
6	Gauging the Student Learning Experience of a Mobile Application Using iBeacon Technology. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 47-55	0.4	
5	Development of the Adjusted Wind Chill Equivalent Temperature (AWCET) for cold mortality assessment across a subtropical city: validation and comparison with a spatially-controlled time-stratified approach. <i>BMC Public Health</i> , 2019 , 19, 1290	4.1	

4 Overlay, Graphical **2017**, 1-6

3 Academic discipline as a moderating variable between seating location and academic performance: implications for teaching. *Higher Education Research and Development*, 1-15 1.9

2 Urban Pollution. *Urban Book Series*, **2021**, 243-258 0.3

1 Review of Atmospheric Environmental Change from Earth Observing Satellites. *Asian Journal of Atmospheric Environment*, **2022**, 16, 1-13 1.3