Man Sing Wong

List of Publications by Year in Descending Order

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	An economically feasible optimization of photovoltaic provision using real electricity demand: A case study in New York city. *Sustainable Cities and Society*, **2022**, 78, 103614	10.1	3
164	Unveiling Falling Urban Trees before and during Typhoon Higos (2020): Empirical Case Study of Potential Structural Failure Using Tilt Sensor. *Forests*, **2022**, 13, 359	2.8	0
163	Review of Atmospheric Environmental Change from Earth Observing Satellites. *Asian Journal of Atmospheric Environment*, **2022**, 16, 1-13	1.3	
162	Estimation of the Urban Heat Island Effect in a Reformed Urban District: A Scenario-Based Study in Hong Kong. *Sustainability*, **2022**, 14, 4409	3.6	2
161	Solar photovoltaic generation for charging shared electric scooters. *Applied Energy*, **2022**, 313, 118728	10.7	1
160	Tropical Species Classification with Structural Traits Using Handheld Laser Scanning Data. *Remote Sensing*, **2022**, 14, 1948	5	0
159	A physical knowledge-based machine learning method for near-real-time dust aerosol properties retrieval from the Himawari-8 satellite data. *Atmospheric Environment*, **2022**, 119098	5.3	1
158	Optimization of photovoltaic provision in a three-dimensional city using real-time electricity demand. *Applied Energy*, **2022**, 316, 119042	10.7	0
157	Simplified estimation modeling of land surface solar irradiation: A comparative study in Australia and China. *Sustainable Energy Technologies and Assessments*, **2022**, 52, 102323	4.7	0
156	A Stacking Ensemble Deep Learning Model for Building Extraction from Remote Sensing Images. *Remote Sensing*, **2021**, 13, 3898	5	5
155	A Review of Dynamic Tree Behaviors: Measurement Methods on Tree Sway, Tree Tilt, and Root Plate Movement. *Forests*, **2021**, 12, 379	2.8	2
154	COVID-19 Infection and Mortality: Association with PM2.5 Concentration and Population Density An Exploratory Study. *ISPRS International Journal of Geo-Information*, **2021**, 10, 123	2.9	9
153	Monitoring and Evaluating Nature-Based Solutions Implementation in Urban Areas by Means of Earth Observation. *Remote Sensing*, **2021**, 13, 1503	5	2
152	Environmental impacts of shifts in energy, emissions, and urban heat island during the COVID-19 lockdown across Pakistan. *Journal of Cleaner Production*, **2021**, 291, 125806	10.3	35
151	Spatial analysis of the impact of urban geometry and socio-demographic characteristics on COVID-19, a study in Hong Kong. *Science of the Total Environment*, **2021**, 764, 144455	10.2	23
150	Nosocomial Outbreak of Coronavirus Disease 2019 by Possible Airborne Transmission Leading to a Superspreading Event. *Clinical Infectious Diseases*, **2021**, 73, e1356-e1364	11.6	20
149	High-resolution mesoscale simulation of the microclimatic effects of urban development in the past, present, and future Hong Kong. *Urban Climate*, **2021**, 37, 100850	6.8	3

148	Assessing the Country-Level Excess All-Cause Mortality and the Impacts of Air Pollution and Human Activity during the COVID-19 Epidemic. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	3
147	Yearly and Daily Relationship Assessment between Air Pollution and Early-Stage COVID-19 Incidence: Evidence from 231 Countries and Regions. *ISPRS International Journal of Geo-Information* , **2021**, 10, 401	2.9	4
146	Identifying the space-time patterns of COVID-19 risk and their associations with different built environment features in Hong Kong. *Science of the Total Environment*, **2021**, 772, 145379	10.2	20
145	Characterizing and classifying urban tree species using bi-monthly terrestrial hyperspectral images in Hong Kong. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2021**, 177, 204-216	11.8	10
144	Comparing the space-time patterns of high-risk areas in different waves of COVID-19 in Hong Kong. *Transactions in GIS*, **2021**,	2.1	8
143	Spatial and environmental constraints on natural forest regeneration in the degraded landscape of Hong Kong. *Science of the Total Environment*, **2021**, 752, 141760	10.2	8
142	Review of dust storm detection algorithms for multispectral satellite sensors. *Atmospheric Research* , **2021**, 250, 105398	5.4	7
141	Assessing the Potential of Geostationary Himawari-8 for Mapping Surface Total Suspended Solids and Its Diurnal Changes. *Remote Sensing*, **2021**, 13, 336	5	2
140	Urban Pollution. *Urban Book Series*, **2021**, 243-258	0.3	
139	Optical Remote Sensing. *Urban Book Series*, **2021**, 315-344	0.3	0
138	Trends in vegetation productivity related to climate change in China's Pearl River Delta. *PLoS ONE*, **2021**, 16, e0245467	3.7	6
137	Observing the impact of urban morphology and building geometry on thermal environment by high spatial resolution thermal images. *Urban Climate*, **2021**, 39, 100937	6.8	2
136	Spatiotemporal impact of vehicle heat on urban thermal environment: A case study in Hong Kong. *Building and Environment*, **2021**, 205, 108224	6.5	3
135	Assessing the impact of urban geometry on surface urban heat island using complete and nadir temperatures. *International Journal of Climatology*, **2021**, 41, E3219	3.5	7
134	Effects of Urban Green Space on Cardiovascular and Respiratory Biomarkers in Chinese Adults: Panel Study Using Digital Tracking Devices.. *JMIR Cardio*, **2021**, 5, e31316	3.1	0
133	Green Infrastructure as an Urban Heat Island Mitigation Strategy□A Review. *Water (Switzerland)*, **2020**, 12, 3577	3	17
132	Investigating the Relationship between the Built Environment and Relative Risk of COVID-19 in Hong Kong. *ISPRS International Journal of Geo-Information*, **2020**, 9, 624	2.9	22
131	Approaches of Satellite Remote Sensing for the Assessment of Above-Ground Biomass across Tropical Forests: Pan-tropical to National Scales. *Remote Sensing*, **2020**, 12, 3351	5	8

130	Performance Evaluation of iBeacon Deployment for Location-Based Services in Physical Learning Spaces. *Applied Sciences (Switzerland)*, **2020**, 10, 7126	2.6	2
129	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. *Air Quality, Atmosphere and Health*, **2020**, 13, 721-730	5.6	5
128	Mortality risk of a future heat event across a subtropical city: implications for community planning and health policy. *Natural Hazards*, **2020**, 103, 623-637	3	1
127	Perceived differences in the (re)production of environmental deprivation between sub-populations: A study combining citizens perceptions with remote-sensed and administrative data. *Building and Environment*, **2020**, 174, 106769	6.5	3
126	Neighbourhood green space, perceived stress and sleep quality in an urban population. *Urban Forestry and Urban Greening*, **2020**, 54, 126763	5.4	13
125	The effect of urban morphology on the solar capacity of three-dimensional cities. *Renewable Energy*, **2020**, 153, 1111-1126	8.1	15
124	Temperature change and urbanisation in a multi-nucleated megacity: China's Pearl River Delta. *Urban Climate*, **2020**, 31, 100592	6.8	14
123	Analysing the effects for different scenarios on surrounding environment in a high-density city. *Cities*, **2020**, 99, 102585	5.6	7
122	. *IEEE Access*, **2020**, 8, 1118-1134	3.5	0
121	. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2020**, 13, 1068-1081	4.7	9
120	Multi-wavelength UV imaging detection system applied for varying environmental conditions: Detection of SO2 as an example. *Microchemical Journal*, **2020**, 153, 104395	4.8	1
119	Object-oriented tracking of thematic and spatial behaviors of urban heat islands. *Transactions in GIS* , **2020**, 24, 85-103	2.1	3
118	A semi-empirical method for estimating complete surface temperature from radiometric surface temperature, a study in Hong Kong city. *Remote Sensing of Environment*, **2020**, 237, 111540	13.2	10
117	Sensing urban poverty: From the perspective of human perception-based greenery and open-space landscapes. *Computers, Environment and Urban Systems*, **2020**, 84, 101544	5.9	6
116	Tree tilt monitoring in rural and urban landscapes of Hong Kong using smart sensing technology. *Trees, Forests and People*, **2020**, 2, 100030	1.8	3
115	The Impact of the Environment on the Quality of Life and the Mediating Effects of Sleep and Stress. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	1
114	Geospatial context of social and environmental factors associated with health risk during temperature extremes: Review and discussion. *Geospatial Health*, **2020**, 15,	2.2	3
113	Object-based, multi-sensor habitat mapping of successional age classes for effective management of a 70-year secondary forest succession. *Land Use Policy*, **2020**, 99, 103360	5.6	4

112	Impact assessment of a super-typhoon on Hong Kong's secondary vegetation and recommendations for restoration of resilience in the forest succession. *Agricultural and Forest Meteorology*, **2020**, 280, 107784	5.8	19
111	Understanding space-time patterns of vehicular emission flows in urban areas using geospatial technique. *Computers, Environment and Urban Systems*, **2020**, 79, 101399	5.9	5
110	Analysis of accessibility to emergency rooms by dynamic population from mobile phone data: Geography of social inequity in South Korea. *PLoS ONE*, **2020**, 15, e0231079	3.7	7
109	Urban environmental influences on the temperature-mortality relationship associated mental disorders and cardiorespiratory diseases during normal summer days in a subtropical city. *Environmental Science and Pollution Research*, **2019**, 26, 24272-24285	5.1	11
108	Influence of Urban Green Space and Facility Accessibility on Exercise and Healthy Diet in Hong Kong. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	13
107	Comparison of Machine Learning Algorithms for Retrieval of Water Quality Indicators in Case-II Waters: A Case Study of Hong Kong. *Remote Sensing*, **2019**, 11, 617	5	55
106	Spatiotemporal Prediction of Increasing Winter Perceived Temperature across a Sub-Tropical City for Sustainable Planning and Climate Change Mitigation. *International Journal of Environmental Research and Public Health*, **2019**, 16,	4.6	5
105	Characterizing spatiotemporal dynamics of anthropogenic heat fluxes: A 20-year case study in Beijing-Tianjin-Hebei region in China. *Environmental Pollution*, **2019**, 249, 923-931	9.3	39
104	Retrieval of Urban Surface Temperature Using Remote Sensing Satellite Imagery **2019**, 129-154		1
103	Gauging the Student Learning Experience of a Mobile Application Using iBeacon Technology. *Advances in Intelligent Systems and Computing*, **2019**, 47-55	0.4	
102	Solar accessibility in developing cities: A case study in Kowloon East, Hong Kong. *Sustainable Cities and Society*, **2019**, 51, 101738	10.1	8
101	Detection and Monitoring of Marine Pollution Using Remote Sensing Technologies **2019**,		15
100	Exploring Bluetooth Beacon Use Cases in Teaching and Learning: Increasing the Sustainability of Physical Learning Spaces. *Sustainability*, **2019**, 11, 4005	3.6	14
99	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. *BMC Public Health*, **2019**, 19, 1290	4.1	
98	Neighborhood-based subjective environmental vulnerability index for community health assessment: Development, validation and evaluation. *Science of the Total Environment*, **2019**, 654, 1082-1090	10.2	14
97	Influences of socioeconomic vulnerability and intra-urban air pollution exposure on short-term mortality during extreme dust events. *Environmental Pollution*, **2018**, 235, 155-162	9.3	35
96	Constructing a Map of Physiological Equivalent Temperature by Spatial Analysis Techniques **2018**, 389-401		2
95	Towards a Smart City: Development and Application of an Improved Integrated Environmental Monitoring System. *Sustainability*, **2018**, 10, 623	3.6	18

94	Wind weakening in a dense high-rise city due to over nearly five decades of urbanization. *Building and Environment*, **2018**, 138, 207-220	6.5	40
93	Evaluation of machine learning techniques with multiple remote sensing datasets in estimating monthly concentrations of ground-level PM. *Environmental Pollution*, **2018**, 242, 1417-1426	9.3	83
92	Conceptualizing How Severe Haze Events Are Impacting Long-Term Satellite-Based Trend Studies of Aerosol Optical Thickness over Asia. *Springer Remote Sensing/photogrammetry*, **2018**, 425-445	0.2	4
91	Spatiotemporal influence of temperature, air quality, and urban environment on cause-specific mortality during hazy days. *Environment International*, **2018**, 112, 10-22	12.9	47
90	Assessment of MODIS, OMI, MISR and CALIOP Aerosol Products for Estimating Surface Visual Range: A Mathematical Model for Hong Kong. *Remote Sensing*, **2018**, 10, 1333	5	3
89	Plant chemistry associated dynamic modelling to enhance urban vegetation carbon sequestration potential via bioenergy harvesting. *Journal of Cleaner Production*, **2018**, 197, 1084-1094	10.3	8
88	Modeling of urban wind ventilation using high resolution airborne LiDAR data. *Computers, Environment and Urban Systems*, **2017**, 64, 81-90	5.9	16
87	Continuous ground-based aerosol Lidar observation during seasonal pollution events at Wuxi, China. *Atmospheric Environment*, **2017**, 154, 189-199	5.3	10
86	Impact of land surface heterogeneity on urban heat island circulation and sea-land breeze circulation in Hong Kong. *Journal of Geophysical Research D: Atmospheres*, **2017**, 122, 4332-4352	4.4	29
85	Observational evidence of a long-term increase in precipitation due to urbanization effects and its implications for sustainable urban living. *Science of the Total Environment*, **2017**, 599-600, 647-654	10.2	13
84	A study of plot ratio/building height restrictions in high density cities using 3D spatial analysis technology: A case in Hong Kong. *Habitat International*, **2017**, 65, 13-31	4.6	10
83	Synergetic analysis of springtime air pollution episodes over Gwangju, Korea. *Journal of Environmental Sciences*, **2017**, 57, 270-283	6.4	3
82	A new approach for the estimation of phytoplankton cell counts associated with algal blooms. *Science of the Total Environment*, **2017**, 590-591, 125-138	10.2	24
81	Overlay, Graphical **2017**, 1-6		
80	Aerosol pollution and its potential impacts on outdoor human thermal sensation: East Asian perspectives. *Environmental Research*, **2017**, 158, 753-758	7.9	8
79	A Simplified Method for Retrieving Aerosol Optical Thickness Using Visibility Data Between 1980 and 2014, A Case Study in China. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2017**, 10, 4409-4416	4.7	2
78	Reconstruction of historical datasets for analyzing spatiotemporal influence of built environment on urban microclimates across a compact city. *Building and Environment*, **2017**, 123, 649-660	6.5	19
77	Understanding heat patterns produced by vehicular flows in urban areas. *Scientific Reports*, **2017**, 7, 16309	4.9	25

76	Object-oriented tracking of the dynamic behavior of urban heat islands. *International Journal of Geographical Information Science*, **2017**, 31, 405-424	4.1	14
75	Spatial variability of excess mortality during prolonged dust events in a high-density city: a time-stratified spatial regression approach. *International Journal of Health Geographics*, **2017**, 16, 26	3.5	15
74	Estimation of Hong Kong's solar energy potential using GIS and remote sensing technologies. *Renewable Energy*, **2016**, 99, 325-335	8.1	63
73	. *IEEE Geoscience and Remote Sensing Letters*, **2016**, 13, 1767-1771	4.1	6
72	Development of an improved urban emissivity model based on sky view factor for retrieving effective emissivity and surface temperature over urban areas. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2016**, 122, 30-40	11.8	27
71	Spatial analytical methods for deriving a historical map of physiological equivalent temperature of Hong Kong. *Building and Environment*, **2016**, 99, 22-28	6.5	14
70	Improved Mobile Application for Measuring Aerosol Optical Thickness in the Ultraviolet-A Wavelength. *IEEE Sensors Journal*, **2016**, 16, 2055-2059	4	5
69	A Study of Incentive Policies for Building-Integrated Photovoltaic Technology in Hong Kong. *Sustainability*, **2016**, 8, 769	3.6	14
68	Spatially Analyzing the Inequity of the Hong Kong Urban Heat Island by Socio-Demographic Characteristics. *International Journal of Environmental Research and Public Health*, **2016**, 13,	4.6	32
67	Global trends of aerosol optical thickness using the ensemble empirical mode decomposition method. *International Journal of Climatology*, **2016**, 36, 4358-4372	3.5	20
66	Trans-boundary aerosol transport during a winter haze episode in China revealed by ground-based Lidar and CALIPSO satellite. *Atmospheric Environment*, **2016**, 141, 20-29	5.3	56
65	Evaluation of the representativeness of ground-based visibility for analysis the spatial and temporal variability of aerosol optical thickness in China **2016**,		1
64	Evaluation of the representativeness of ground-based visibility for analysing the spatial and temporal variability of aerosol optical thickness in China. *Atmospheric Environment*, **2016**, 147, 31-45	5.3	8
63	Development of an Integrated Micro-Environmental Monitoring System for Construction Sites. *Procedia Environmental Sciences*, **2016**, 36, 207-214		2
62	A multi-scale hybrid neural network retrieval model for dust storm detection, a study in Asia. *Atmospheric Research*, **2015**, 158-159, 89-106	5.4	24
61	Retrieval of dust storm aerosols using an integrated Neural Network model. *Computers and Geosciences*, **2015**, 85, 104-114	4.5	14
60	Modeling the effective emissivity of the urban canopy using sky view factor. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2015**, 105, 211-219	11.8	51
59	Preliminary study of the parameterisation of street-level ventilation in idealised two-dimensional simulations. *Building and Environment*, **2015**, 89, 345-355	6.5	25

58	Modeling of Anthropogenic Heat Flux Using HJ-1B Chinese Small Satellite Image: A Study of Heterogeneous Urbanized Areas in Hong Kong. *IEEE Geoscience and Remote Sensing Letters*, **2015**, 12, 1466-1470	4.1	43
57	Study of the geometry effect on land surface temperature retrieval in urban environment. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2015**, 109, 77-87	11.8	31
56	Improved aerosol retrieval algorithm using Landsat images and its application for PM10 monitoring over urban areas. *Atmospheric Research*, **2015**, 153, 264-275	5.4	21
55	Estimation of potential source regions of PM 2.5 in Beijing using backward trajectories. *Atmospheric Pollution Research*, **2015**, 6, 173-177	4.5	36
54	Multi-sensors study of precipitable water vapour over mainland China. *International Journal of Climatology*, **2015**, 35, 3146-3159	3.5	25
53	Carbon Footprint Analyses of Mainstream Wastewater Treatment Technologies under Different Sludge Treatment Scenarios in China. *Water (Switzerland)*, **2015**, 7, 918-938	3	57
52	Advancing of Land Surface Temperature Retrieval Using Extreme Learning Machine and Spatio-Temporal Adaptive Data Fusion Algorithm. *Remote Sensing*, **2015**, 7, 4424-4441	5	32
51	Geostationary Satellite Observation of Precipitable Water Vapor Using an Empirical Orthogonal Function (EOF) based Reconstruction Technique over Eastern China. *Remote Sensing*, **2015**, 7, 5879-5900	5	7
50	Analytical approach to estimating aerosol extinction and visibility from satellite observations. *Atmospheric Environment*, **2014**, 91, 127-136	5.3	11
49	Improved volcanic ash detection based on a hybrid reverse absorption technique. *Atmospheric Research*, **2014**, 143, 31-42	5.4	18
48	Improvement of aerosol optical depth retrieval over Hong Kong from a geostationary meteorological satellite using critical reflectance with background optical depth correction. *Remote Sensing of Environment*, **2014**, 142, 176-187	13.2	37
47	Development of a personal integrated environmental monitoring system. *Sensors*, **2014**, 14, 22065-81	3.8	15
46	A multi-sensor study of water vapour from radiosonde, MODIS and AERONET: a case study of Hong Kong. *International Journal of Climatology*, **2013**, 33, 109-120	3.5	68
45	An approach to evaluate the absolute accuracy of WVR water vapor measurements inferred from multiple water vapor techniques. *Journal of Geodynamics*, **2013**, 72, 86-94	2.2	18
44	Spatial variability of frontal area index and its relationship with urban heat island intensity. *International Journal of Remote Sensing*, **2013**, 34, 885-896	3.1	47
43	Validation of MODIS, MISR, OMI, and CALIPSO aerosol optical thickness using ground-based sunphotometers in Hong Kong. *International Journal of Remote Sensing*, **2013**, 34, 897-918	3.1	16
42	Estimation of aerosol sources and aerosol transport pathways using AERONET clustering and backward trajectories: a case study of Hong Kong. *International Journal of Remote Sensing*, **2013**, 34, 938-955	3.1	17
41	Modeling BVOC isoprene emissions based on a GIS and remote sensing database. *International Journal of Applied Earth Observation and Geoinformation*, **2013**, 21, 66-77	7.3	4

40	A Reliability-Based Multi-Algorithm Fusion Technique in Detecting Changes in Land Cover. *Remote Sensing*, **2013**, 5, 1134-1151	5	11
39	Analysis of airborne particulate matter (PM2.5) over Hong Kong using remote sensing and GIS. *Sensors*, **2012**, 12, 6825-36	3.8	26
38	An operational MODIS aerosol retrieval algorithm at high spatial resolution, and its application over a complex urban region. *Atmospheric Research*, **2011**, 99, 579-589	5.4	38
37	A study of the □wall effect□caused by proliferation of high-rise buildings using GIS techniques. *Landscape and Urban Planning*, **2011**, 102, 245-253	7.7	68
36	Estimation of ambient BVOC emissions using remote sensing techniques. *Atmospheric Environment*, **2011**, 45, 2937-2943	5.3	7
35	Data fusion using aerial photographs and satellite images for detailed landslide assessment. *International Journal of Image and Data Fusion*, **2011**, 2, 181-190	1.8	1
34	Monitoring 2.5 □m particulate matter within urbanized regions using satellite-derived aerosol optical thickness, a study in Hong Kong. *International Journal of Remote Sensing*, **2011**, 32, 8449-8462	3.1	4
33	Investigation of Urban Environmental Quality Using an Integration of Satellite, Ground based measurement data over Seoul, Korea. *Korean Journal of Remote Sensing*, **2011**, 27, 339-351		1
32	Desert dust aerosols observed in a tropical humid city: a case study over Hong Kong. *International Journal of Remote Sensing*, **2010**, 31, 1043-1051	3.1	7
31	Assessing avian habitat fragmentation in urban areas of Hong Kong (Kowloon) at high spatial resolution using spectral unmixing. *Landscape and Urban Planning*, **2010**, 95, 54-60	7.7	20
30	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
29	A simple method for designation of urban ventilation corridors and its application to urban heat island analysis. *Building and Environment*, **2010**, 45, 1880-1889	6.5	131
28	Retrieval of Aerosol Optical Thickness Using MODIS $ hbox{500} times hbox{500} hbox{m}^{2}$, a Study in Hong Kong and the Pearl River Delta Region. *IEEE Transactions on Geoscience and Remote Sensing*, **2010**, 48, 3318-3327	8.1	30
27	A 3D aerosol and visibility information system for urban areas using remote sensing and GIS. *Atmospheric Environment*, **2010**, 44, 2501-2506	5.3	13
26	The urban heat island in Hong Kong: Causative factors and scenario analysis **2009**,		3
25	Application of high-resolution satellite images to detailed landslide hazard assessment **2009**,		1
24	High resolution remote sensing of densely urbanised regions: a case study of Hong Kong. *Sensors*, **2009**, 9, 4695-708	3.8	6
23	High resolution aerosol optical thickness retrieval over the Pearl River Delta region with improved aerosol modelling. *Science in China Series D: Earth Sciences*, **2009**, 52, 1641-1649		6

22	Urban heat island diagnosis using ASTER satellite images and in situ air temperature. *Atmospheric Research*, **2009**, 94, 276-284	5.4	135
21	Modeling of Aerosol Vertical Profiles Using GIS and Remote Sensing. *Sensors*, **2009**, 9, 4380-9	3.8	16
20	Derivation of Nighttime Urban Air Temperatures Using a Satellite Thermal Image. *Journal of Applied Meteorology and Climatology*, **2009**, 48, 863-872	2.7	44
19	Mapping Urban Environmental Quality Using Satellite Data and Multiple Parameters. *Environment and Planning B: Planning and Design*, **2009**, 36, 170-185		18
18	Potential accuracy of image orientation of small satellites: a case study of CHRIS/Proba data. *Photogrammetric Record*, **2008**, 23, 275-289	1.7	3
17	A New Algorithm for Retrieving Aerosol Optical Thickness Using TERRA/MODIS Satellite Images. *Annals of GIS*, **2008**, 14, 86-91	4.1	1
16	Spatial variability of air temperature and appropriate resolution for satellite-derived air temperature estimation. *International Journal of Remote Sensing*, **2008**, 29, 7213-7223	3.1	32
15	Investigation of diversity and accuracy in ensemble of classifiers using Bayesian decision rules **2008**,		2
14	Fine Resolution Air Quality Monitoring from a Small Satellite: CHRIS/PROBA. *Sensors*, **2008**, 8, 7581-7595	3.8	4
13	Retrieval of aerosol optical thickness using MODIS 500 500m2, a study in Hong Kong and Pearl River delta region **2008**,		1
12	Habitat Mapping in Rugged Terrain Using Multispectral Ikonos Images. *Photogrammetric Engineering and Remote Sensing*, **2008**, 74, 1325-1334	1.6	14
11	Remote sensing of urban vegetation life form by spectral mixture analysis of high-resolution IKONOS satellite images. *International Journal of Remote Sensing*, **2007**, 28, 985-1000	3.1	46
10	Aerosol single scattering albedo estimated across China from a combination of ground and satellite measurements. *Journal of Geophysical Research*, **2007**, 112,		80
9	Empirical correction of low Sun angle images in steeply sloping terrain: a slope-matching technique. *International Journal of Remote Sensing*, **2006**, 27, 629-635	3.1	46
8	Application of high-resolution stereo satellite images to detailed landslide hazard assessment. *Geomorphology*, **2006**, 76, 68-75	4.3	116
7	Assessment of Urban Environmental Quality in a Subtropical City Using Multispectral Satellite Images. *Environment and Planning B: Planning and Design*, **2006**, 33, 39-58		23
6	Modeling urban environmental quality in a tropical city. *Landscape and Urban Planning*, **2005**, 73, 49-58	7.7	109
5	Detection and interpretation of landslides using satellite images. *Land Degradation and Development*, **2005**, 16, 243-255	4.4	43

4	Satellite remote sensing for detailed landslide inventories using change detection and image fusion. *International Journal of Remote Sensing*, **2005**, 26, 1913-1926	3.1	173
3	Ceruloplasmin promotes iron uptake rather than release in BT325 cells. *Experimental Brain Research*, **2001**, 140, 369-74	2.3	20
2	Academic discipline as a moderating variable between seating location and academic performance: implications for teaching. *Higher Education Research and Development*,1-15	1.9	
1	Association between Global Air Pollution and COVID-19 Mortality: A Study of Forty-Six Cities in the World. *Annals of the American Association of Geographers*,1-17	2.6	0