Beicheng Xia

List of Publications by Year
in descending order

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42 papers	1,743 citations	236912 25 h-index	276858 41 g-index
42 all docs	42 docs citations	42 times ranked	1880 citing authors

#	Article	IF	Citations
1	What is the relationship between energy consumption and economic development? New evidence from a rapidly growing economic development region. Environment, Development and Sustainability, 2023, 25, 3601-3626.	5.0	7
2	Dynamics of ecosystem services in response to urbanization across temporal and spatial scales in a mega metropolitan area. Sustainable Cities and Society, 2022, 77, 103561.	10.4	39
3	Longâ€term surface water mapping in the Pearl River Delta based on multiple satellite images. River Research and Applications, 2022, 38, 245-255.	1.7	2
4	Integrating ecosystem services and landscape connectivity into the optimization of ecological security pattern: a case study of the Pearl River Delta, China. Environmental Science and Pollution Research, 2022, 29, 76051-76065.	5.3	15
5	Identifying the key sectors for regional energy, water and carbon footprints from production-, consumption- and network-based perspectives. Science of the Total Environment, 2021, 764, 142821.	8.0	34
6	Spatial deconstruction and differentiation analysis of early warning for ecological security in the Pearl River Delta, China. Sustainable Cities and Society, 2021, 64, 102557.	10.4	31
7	A practical approach of urban green infrastructure planning to mitigate urban overheating: A case study of Guangzhou. Journal of Cleaner Production, 2021, 287, 124995.	9.3	28
8	Spatial-temporal heterogeneity of air pollution and its relationship with meteorological factors in the Pearl River Delta, China. Atmospheric Environment, 2021, 254, 118415.	4.1	51
9	Mechanistic and kinetic understanding of micropollutant degradation by the UV/NH2Cl process in simulated drinking water. Water Research, 2021, 204, 117569.	11.3	30
10	Factors influencing the concentration of negative air ions during the year in forests and urban green spaces of the Dapeng Peninsula in Shenzhen, China. Journal of Forestry Research, 2020, 31, 2537-2547.	3.6	14
11	Environmental performances and energy efficiencies of various urban green infrastructures: A life-cycle assessment. Journal of Cleaner Production, 2020, 248, 119244.	9.3	32
12	Using bioenergy crop cassava (Manihot esculenta) for reclamation of heavily metal-contaminated land. International Journal of Phytoremediation, 2020, 22, 1313-1320.	3.1	13
13	Seasonal Succession of Phytoplankton Functional Groups and Driving Factors of Cyanobacterial Blooms in a Subtropical Reservoir in South China. Water (Switzerland), 2020, 12, 1167.	2.7	16
14	How to balance ecosystem services and economic benefits? â€“ A case study in the Pearl River Delta, China. Journal of Environmental Management, 2020, 271, 110917.	7.8	38
15	Surface temperature variations and their relationships with land cover in the Pearl River Delta. Environmental Science and Pollution Research, 2020, 27, 37614-37625.	5.3	14
16	Benefits of the ecosystem services provided by urban green infrastructures: Differences between perception and measurements. Urban Forestry and Urban Greening, 2020, 54, 126774.	5.3	47
17	An integrated strategy to improve the microclimate regulation of green-blue-grey infrastructures in specific urban forms. Journal of Cleaner Production, 2020, 271, 122555.	9.3	33
18	Public perception and preferences of small urban green infrastructures: A case study in Guangzhou, China. Urban Forestry and Urban Greening, 2020, 53, 126700.	5.3	34

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19	A significant increase in the normalized difference vegetation index during the rapid economic development in the Pearl River Delta of China. Land Degradation and Development, 2019, 30, 359-370.	3.9	59
20	Spatio-temporal changes in ecosystem service value in response to land-use/cover changes in the Pearl River Delta. Resources, Conservation and Recycling, 2019, 149, 106-114.	10.8	106
21	Spatial differentiation of ecological security and differentiated management of ecological conservation in the Pearl River Delta, China. Ecological Indicators, 2019, 104, 439-448.	6.3	46
22	Spatiotemporal dynamic simulation of land-use and landscape-pattern in the Pearl River Delta, China. Sustainable Cities and Society, 2019, 49, 101581.	10.4	70
23	Microclimate regulation and energy saving potential from different urban green infrastructures in a subtropical city. Journal of Cleaner Production, 2019, 226, 913-927.	9.3	57
24	Local variation of outdoor thermal comfort in different urban green spaces in Guangzhou, a subtropical city in South China. Urban Forestry and Urban Greening, 2018, 32, 99-112.	5.3	72
25	Perception of Urban Environmental Risks and the Effects of Urban Green Infrastructures (UGIs) on Human Well-being in Four Public Green Spaces of Guangzhou, China. Environmental Management, 2018, 62, 500-517.	2.7	40
26	Thermal environment effects and interactions of reservoirs and forests as urban blue-green infrastructures. Ecological Indicators, 2018, 91, 657-663.	6.3	46
27	Exploration of an urban lake management model to simulate chlorine interference based on the ecological relationships among aquatic species. Scientific Reports, 2018, 8, 8325.	3.3	9
28	Characteristics and DBP formation of dissolved organic matter from leachates of fresh and aged leaf litter. Chemosphere, 2016, 152, 335-344.	8.2	18
29	Characteristics, sources and health risk assessment of toxic heavy metals in PM2.5 at a megacity of southwest China. Environmental Geochemistry and Health, 2016, 38, 353-362.	3.4	64
30	A Numeric Study of Regional Climate Change Induced by Urban Expansion in the Pearl River Delta, China. Journal of Applied Meteorology and Climatology, 2014, 53, 346-362.	1.5	103
31	Removal of Zn2+ from aqueous solution by biomass of Agaricus bisporus. Frontiers of Environmental Science and Engineering, 2013, 7, 531-538.	6.0	4
32	Residues of persistent organic pollutants in frequently-consumed vegetables and assessment of human health risk based on consumption of vegetables in Huizhou, South China. Chemosphere, 2013, 93, 2254-2263.	8.2	35
33	A spatial multi-criteria planning scheme for evaluating riparian buffer restoration priorities. Ecological Engineering, 2013, 54, 155-164.	3.6	20
34	Phytoextraction of Heavy Metals from Highly Contaminated Soils UsingSauropus androgynus. Soil and Sediment Contamination, 2013, 22, 631-640.	1.9	9
35	Hydrogeochemical and mineralogical characteristics related to heavy metal attenuation in a stream polluted by acid mine drainage: A case study in Dabaoshan Mine, China. Journal of Environmental Sciences, 2012, 24, 979-989.	6.1	54
36	Evaluation and improvements of two community models in simulating dry deposition velocities for peroxyacetyl nitrate (PAN) over a coniferous forest. Journal of Geophysical Research, 2012, 117, .	3.3	27

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37	Human health risk from soil heavy metal contamination under different land uses near Dabaoshan Mine, Southern China. Science of the Total Environment, 2012, 417-418, 45-54.	8.0	349
38	Assessing high resolution oxidation-reduction potential and soluble reactive phosphorus variation across vertical sediments and water layers in Xinghu Lake: A novel laboratory approach. Journal of Environmental Sciences, 2010, 22, 982-990.	6.1	17
39	Defining and modeling the soil geochemical background of heavy metals from the Hengshi River watershed (southern China): Integrating EDA, stochastic simulation and magnetic parameters. Journal of Hazardous Materials, 2010, 180, 542-551.	12.4	32
40	Daily changes of spatial patterns of meteorological elements over Pearl River Delta based on GIS and MM5. Chinese Geographical Science, 2009, 19, 69-76.	3.0	1
41	Spatial heterogeneity of urban land-cover landscape in Guangzhou from 1990 to 2005. Journal of Chinese Geography, 2009, 19, 213-224.	3.9	26
42	The Relationship between NDVI, Stand Age and Terrain Factors of Pinus elliottii Forest. , 2008, , .		1