

Jiayu Li

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,060
citations

516215

16
h-index

377514

34
g-index

37
all docs

37
docs citations

37
times ranked

2554
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the 3D cooling performances of different vegetation combinations in the urban area. <i>Journal of Asian Architecture and Building Engineering</i> , 2022, 21, 1124-1136.	1.2	9
2	Does Vertical Greening Really Play Such a Big Role in an Indoor Thermal Environment?. <i>Forests</i> , 2022, 13, 358.	0.9	7
3	Evaluating the Effects of Roof Greening on the Indoor Thermal Environment throughout the Year in a Chinese City (Chenzhou). <i>Forests</i> , 2022, 13, 304.	0.9	4
4	Effects of residential building height, density, and floor area ratios on indoor thermal environment in Singapore. <i>Journal of Environmental Management</i> , 2022, 313, 114976.	3.8	18
5	Quantitative Evaluation of Urban Style at Street Level: A Case Study of Hengyang County, China. <i>Land</i> , 2022, 11, 453.	1.2	2
6	Study on the Effect of Vegetation Coverage on Urban Cooling and Energy Conservation: A Case Study of a Typical Hilly City, Chenzhou, China. <i>Buildings</i> , 2022, 12, 640.	1.4	1
7	Access to City Center: Automobile vs. Public Transit. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5622.	1.2	0
8	Study on a full-year improvement of indoor thermal comfort by different vertical greening patterns. <i>Journal of Building Engineering</i> , 2021, 35, 101969.	1.6	16
9	Spectral-Spatial Active Learning With Structure Density for Hyperspectral Classification. <i>IEEE Access</i> , 2021, 9, 61793-61806.	2.6	4
10	The Use of Constructed Wetland for Mitigating Nitrogen and Phosphorus from Agricultural Runoff: A Review. <i>Water (Switzerland)</i> , 2021, 13, 476.	1.2	33
11	Progress in Research on Sustainable Urban Renewal Since 2000: Library and Visual Analyses. <i>Sustainability</i> , 2021, 13, 4154.	1.6	9
12	Evaluating the vertical cooling performances of urban vegetation scenarios in a residential environment. <i>Journal of Building Engineering</i> , 2021, 39, 102313.	1.6	18
13	Evaluating the Effect of Window-to-Wall Ratios on Cooling-Energy Demand on a Typical Summer Day. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8411.	1.2	6
14	Global evolution of research on green energy and environmental technologies:A bibliometric study. <i>Journal of Environmental Management</i> , 2021, 297, 113382.	3.8	139
15	Does shrub benefit the thermal comfort at pedestrian height in Singapore?. <i>Sustainable Cities and Society</i> , 2021, 75, 103333.	5.1	15
16	Dissipation Behavior and Residue Distribution of Famoxadone and Cymoxanil in Cucumber and Soil Ecosystem Under Open-Field Conditions. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	1
17	Ensemble EMD-Based Spectral-Spatial Feature Extraction for Hyperspectral Image Classification. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 5134-5148.	2.3	20
18	Research on Annual Thermal Environment of Non-Hvac Building Regulated by Window-to-Wall Ratio in a Chinese City (Chenzhou). <i>Sustainability</i> , 2020, 12, 6637.	1.6	8

#	ARTICLE	IF	CITATIONS
19	Refining Urban Built-Up Area via Multi-Source Data Fusion for the Analysis of Dongting Lake Eco-Economic Zone Spatiotemporal Expansion. <i>Remote Sensing</i> , 2020, 12, 1797.	1.8	15
20	Numerical Simulation of Local Climate Zone Cooling Achieved through Modification of Trees, Albedo and Green Roofs—A Case Study of Changsha, China. <i>Sustainability</i> , 2020, 12, 2752.	1.6	25
21	Mapping Local Climate Zones Using ArcGIS-Based Method and Exploring Land Surface Temperature Characteristics in Chenzhou, China. <i>Sustainability</i> , 2020, 12, 2974.	1.6	28
22	Cooling and Energy-Saving Performance of Different Green Wall Design: A Simulation Study of a Block. <i>Energies</i> , 2019, 12, 2912.	1.6	44
23	Antimony contamination, consequences and removal techniques: A review. <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 125-134.	2.9	199
24	Combination of Tree Configuration with Street Configuration for Thermal Comfort Optimization under Extreme Summer Conditions in the Urban Center of Shantou City, China. <i>Sustainability</i> , 2018, 10, 4192.	1.6	18
25	Study on the Efficiency of Cool Island Effect in Urban Channel Water. , 2018, , .		0
26	Removal of metformin hydrochloride by <i>Alternanthera philoxeroides</i> biomass derived porous carbon materials treated with hydrogen peroxide. <i>RSC Advances</i> , 2016, 6, 79275-79284.	1.7	30
27	Enhanced adsorption of methylene blue by citric acid modification of biochar derived from water hyacinth (<i>Eichornia crassipes</i>). <i>Environmental Science and Pollution Research</i> , 2016, 23, 23606-23618.	2.7	89
28	Cadmium accumulation and tolerance of <i>Macleaya cordata</i> : a newly potential plant for sustainable phytoremediation in Cd-contaminated soil. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10189-10199.	2.7	48
29	Biochar to improve soil fertility. A review. <i>Agronomy for Sustainable Development</i> , 2016, 36, 1.	2.2	633
30	Competitive removal of Cd(II) and Pb(II) by biochars produced from water hyacinths: performance and mechanism. <i>RSC Advances</i> , 2016, 6, 5223-5232.	1.7	124
31	Effective removal of Cr(VI) using β -cyclodextrin-chitosan modified biochars with adsorption/reduction bifunctional roles. <i>RSC Advances</i> , 2016, 6, 94-104.	1.7	221
32	Adsorption of hexavalent chromium by polyacrylonitrile (PAN)-based activated carbon fibers from aqueous solution. <i>RSC Advances</i> , 2015, 5, 25389-25397.	1.7	22
33	Tartaric acid modified <i>Pleurotus ostreatus</i> for enhanced removal of Cr(VI) ions from aqueous solution: characteristics and mechanisms. <i>RSC Advances</i> , 2015, 5, 24009-24015.	1.7	13
34	The effects of <i>P. aeruginosa</i> ATCC 9027 and NTA on phytoextraction of Cd by ramie (<i>Boehmeria nivea</i> (L.) Tj ETQq000 rBT /Overlock		
35	Synthesis and adsorption application of amine shield-introduced-released porous chitosan hydrogel beads for removal of acid orange 7 from aqueous solutions. <i>RSC Advances</i> , 2015, 5, 62778-62787.	1.7	12
36	Effect of porous zinc-biochar nanocomposites on Cr(VI) adsorption from aqueous solution. <i>RSC Advances</i> , 2015, 5, 35107-35115.	1.7	223

#	ARTICLE	IF	CITATIONS
37	Analysis of Urban Land Expansion and Spatial Diversity Based on RS and GIS - A Case Study of Changsha City, China. , 2009, , .		0