Jiayu Li

List of Publications by Year in descending order

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		516215	377514
37	2,060	16	34
papers	citations	h-index	g-index

37	37	37	2554
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biochar to improve soil fertility. A review. Agronomy for Sustainable Development, 2016, 36, 1.	2.2	633
2	Effect of porous zincâ€“biochar nanocomposites on Cr(<scp>vi</scp>) adsorption from aqueous solution. RSC Advances, 2015, 5, 35107-35115.	1.7	223
3	Effective removal of Cr(<scp>vi</scp>) using Î²-cyclodextrinâ€“chitosan modified biochars with adsorption/reduction bifuctional roles. RSC Advances, 2016, 6, 94-104.	1.7	221
4	Antimony contamination, consequences and removal techniques: A review. Ecotoxicology and Environmental Safety, 2018, 156, 125-134.	2.9	199
5	Global evolution of research on green energy and environmental technologies:A bibliometric study. Journal of Environmental Management, 2021, 297, 113382.	3.8	139
6	Competitive removal of Cd(<scp>ii</scp>) and Pb(<scp>ii</scp>) by biochars produced from water hyacinths: performance and mechanism. RSC Advances, 2016, 6, 5223-5232.	1.7	124
7	Enhanced adsorption of methylene blue by citric acid modification of biochar derived from water hyacinth (Eichornia crassipes). Environmental Science and Pollution Research, 2016, 23, 23606-23618.	2.7	89
8	Cadmium accumulation and tolerance of Macleaya cordata: a newly potential plant for sustainable phytoremediation in Cd-contaminated soil. Environmental Science and Pollution Research, 2016, 23, 10189-10199.	2.7	48
9	Cooling and Energy-Saving Performance of Different Green Wall Design: A Simulation Study of a Block. Energies, 2019, 12, 2912.	1.6	44
10	The Use of Constructed Wetland for Mitigating Nitrogen and Phosphorus from Agricultural Runoff: A Review. Water (Switzerland), 2021, 13, 476.	1.2	33
11	Removal of metformin hydrochloride by Alternanthera philoxeroides biomass derived porous carbon materials treated with hydrogen peroxide. RSC Advances, 2016, 6, 79275-79284.	1.7	30
12	Mapping Local Climate Zones Using ArcGIS-Based Method and Exploring Land Surface Temperature Characteristics in Chenzhou, China. Sustainability, 2020, 12, 2974.	1.6	28
13	Numerical Simulation of Local Climate Zone Cooling Achieved through Modification of Trees, Albedo and Green Roofsâ€”A Case Study of Changsha, China. Sustainability, 2020, 12, 2752.	1.6	25
14	Adsorption of hexavalent chromium by polyacrylonitrile (PAN)-based activated carbon fibers from aqueous solution. RSC Advances, 2015, 5, 25389-25397.	1.7	22
15	Ensemble EMD-Based Spectral-Spatial Feature Extraction for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 5134-5148.	2.3	20
16	Combination of Tree Configuration with Street Configuration for Thermal Comfort Optimization under Extreme Summer Conditions in the Urban Center of Shantou City, China. Sustainability, 2018, 10, 4192.	1.6	18
17	Evaluating the vertical cooling performances of urban vegetation scenarios in a residential environment. Journal of Building Engineering, 2021, 39, 102313.	1.6	18
18	Effects of residential building height, density, and floor area ratios on indoor thermal environment in Singapore. Journal of Environmental Management, 2022, 313, 114976.	3.8	18

#	Article	IF	Citations
19	Study on a full-year improvement of indoor thermal comfort by different vertical greening patterns. Journal of Building Engineering, 2021, 35, 101969.	1.6	16
20	Refining Urban Built-Up Area via Multi-Source Data Fusion for the Analysis of Dongting Lake Eco-Economic Zone Spatiotemporal Expansion. Remote Sensing, 2020, 12, 1797.	1.8	15
21	Does shrub benefit the thermal comfort at pedestrian height in Singapore?. Sustainable Cities and Society, 2021, 75, 103333.	5.1	15
22	Tartaric acid modified Pleurotus ostreatus for enhanced removal of Cr(<scp>vi</scp>) ions from aqueous solution: characteristics and mechanisms. RSC Advances, 2015, 5, 24009-24015.	1.7	13
23	Synthesis and adsorption application of amine shield-introduced-released porous chitosan hydrogel beads for removal of acid orange 7 from aqueous solutions. RSC Advances, 2015, 5, 62778-62787.	1.7	12
24	Evaluating the 3D cooling performances of different vegetation combinations in the urban area. Journal of Asian Architecture and Building Engineering, 2022, 21, 1124-1136.	1.2	9
25	Progress in Research on Sustainable Urban Renewal Since 2000: Library and Visual Analyses. Sustainability, 2021, 13, 4154.	1.6	9
26	Research on Annual Thermal Environment of Non-Hvac Building Regulated by Window-to-Wall Ratio in a Chinese City (Chenzhou). Sustainability, 2020, 12, 6637.	1.6	8
27	Does Vertical Greening Really Play Such a Big Role in an Indoor Thermal Environment?. Forests, 2022, 13, 358.	0.9	7
28	The effects of P. aeruginosa ATCC 9027 and NTA on phytoextraction of Cd by ramie (Boehmeria nivea (L.)) Tj ETQq0 0 0 rgBT /Overlock	1.7	6
29	Evaluating the Effect of Window-to-Wall Ratios on Cooling-Energy Demand on a Typical Summer Day. International Journal of Environmental Research and Public Health, 2021, 18, 8411.	1.2	6
30	Spectral-Spatial Active Learning With Structure Density for Hyperspectral Classification. IEEE Access, 2021, 9, 61793-61806.	2.6	4
31	Evaluating the Effects of Roof Greening on the Indoor Thermal Environment throughout the Year in a Chinese City (Chenzhou). Forests, 2022, 13, 304.	0.9	4
32	Quantitative Evaluation of Urban Style at Street Level: A Case Study of Hengyang County, China. Land, 2022, 11, 453.	1.2	2
33	Dissipation Behavior and Residue Distribution of Famoxadone and Cymoxanil in Cucumber and Soil Ecosystem Under Open-Field Conditions. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	1
34	Study on the Effect of Vegetation Coverage on Urban Cooling and Energy Conservation: A Case Study of a Typical Hilly City, Chenzhou, China. Buildings, 2022, 12, 640.	1.4	1
35	Analysis of Urban Land Expansion and Spatial Diversity Based on RS and GIS - A Case Study of Changsha City, China. , 2009, , .		0
36	Study on the Efficiency of Cool Island Effect in Urban Channel Water. , 2018, , .		0

#	Article	IF	Citations
37	Access to City Center: Automobile vs. Public Transit. International Journal of Environmental Research and Public Health, 2022, 19, 5622.	1.2	0