Chun-Di Chen

List of Publications by Year
in descending order

40 papers	699 citations	516681 16 h-index	610883 24 g-index
40 all docs	40 docs citations	40 times ranked	689 citing authors

#	Article	IF	Citations
1	Emergy evaluation of cropping, poultry rearing, and fish raising systems in the drawdown zone of Three Gorges Reservoir of China. Journal of Cleaner Production, 2017, 144, 559-571.	9.3	81
2	Assessing the transferability of support vector machine model for estimation of global solar radiation from air temperature. Energy Conversion and Management, 2015, 89, 318-329.	9.2	60
3	Analysis of drivers and policy implications of carbon dioxide emissions of industrial energy consumption in an underdeveloped city: The case of Nanchang, China. Journal of Cleaner Production, 2018, 183, 843-857.	9.3	51
4	Effects of local and landscape factors on exotic vegetation in the riparian zone of a regulated river: Implications for reservoir conservation. Landscape and Urban Planning, 2017, 157, 45-55.	7.5	33
5	Backcasting approach with multi-scenario simulation for assessing effects of land use policy using GeoSOS-FLUS software. MethodsX, 2019, 6, 1384-1397.	1.6	32
6	Restoration design for Three Gorges Reservoir shorelands, combining Chinese traditional agro-ecological knowledge with landscape ecological analysis. Ecological Engineering, 2014, 71, 584-597.	3.6	31
7	Changes in extreme precipitation in the Yangtze River basin and its association with global mean temperature and ENSO. International Journal of Climatology, 2018, 38, 1989-2005.	3.5	30
8	Decomposition and Decoupling Analysis of CO2 Emissions Based on LMDI and Two-Dimensional Decoupling Model in Gansu Province, China. International Journal of Environmental Research and Public Health, 2021, 18, 6013.	2.6	28
9	Estimation of monthly-mean global solar radiation using MODIS atmospheric product over China. Journal of Atmospheric and Solar-Terrestrial Physics, 2014, 110-111, 63-80.	1.6	21
10	Multi-scale decomposition of energy-related industrial carbon emission by an extended logarithmic mean Divisia index: a case study of Jiangxi, China. Energy Efficiency, 2019, 12, 2161-2186.	2.8	20
11	Contribution of Renewable Energy Consumption to CO2 Emission Mitigation: A Comparative Analysis from a Global Geographic Perspective. Sustainability, 2021, 13, 3853.	3.2	20
12	On the theory-practice gap in the environmental realm: perspectives from and for diverse environmental professionals. Socio-Ecological Practice Research, 2021, 3, 243-255.	1.9	20
13	Ecosystem services mapping in practice: A Pasteurâ€™s quadrant perspective. Ecosystem Services, 2019, 40, 101042.	5.4	19
14	Spatial distribution and temporal variation of reference evapotranspiration in the Three Gorges Reservoir area during 1960â€“2013. International Journal of Climatology, 2016, 36, 4497-4511.	3.5	18
15	Incorporating local ecological knowledge into urban riparian restoration in a mountainous region of Southwest China. Urban Forestry and Urban Greening, 2016, 20, 140-151.	5.3	18
16	Multi-perspective comparisons and mitigation implications of SO2 and NO x discharges from the industrial sector of China: a decomposition analysis. Environmental Science and Pollution Research, 2018, 25, 9600-9614.	5.3	17
17	Residential Energy-Related CO2 Emissions in Chinaâ€™s Less Developed Regions: A Case Study of Jiangxi. Sustainability, 2020, 12, 2000.	3.2	16
18	Public perceptions of ecosystem services and preferences for design scenarios of the flooded bank along the Three Gorges Reservoir: Implications for sustainable management of novel ecosystems. Urban Forestry and Urban Greening, 2018, 34, 196-204.	5.3	15

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19	Plant trait-based analysis reveals greater focus needed for mid-channel bar downstream from the Three Gorges Dam of the Yangtze River. Ecological Indicators, 2020, 111, 105950.	6.3	15
20	What are the appropriate mapping units for ecosystem service assessments? A systematic review. Ecosystem Health and Sustainability, 2021, 7, .	3.1	14
21	Incorporating landscape connectivity into household pond configuration in a hilly agricultural landscape. Landscape and Ecological Engineering, 2017, 13, 189-204.	1.5	12
22	Multi-Perspectivesâ€™ Comparisons and Mitigating Implications for the COD and NH3-N Discharges into the Wastewater from the Industrial Sector of China. Water (Switzerland), 2017, 9, 201.	2.7	12
23	Spatiotemporal Dynamics of Direct Carbon Emission and Policy Implication of Energy Transition for Chinaâ€™s Residential Consumption Sector by the Methods of Social Network Analysis and Geographically Weighted Regression. Land, 2022, 11, 1039.	2.9	12
24	New toxicogenetic insights and ranking of the selected pharmaceuticals belong to the three different classes: A toxicity estimation to confirmation approach. Aquatic Toxicology, 2018, 201, 151-161.	4.0	11
25	Use it or not: An agro-ecological perspective to flooded riparian land along the Three Gorges Reservoir. Science of the Total Environment, 2019, 650, 1062-1072.	8.0	11
26	Current situation and development of Chinese urban forestry. International Journal of Sustainable Development and World Ecology, 2008, 15, 371-377.	5.9	10
27	Functions of traditional ponds in altering sediment budgets in the hilly area of the Three Gorges Reservoir, China. Science of the Total Environment, 2019, 658, 537-549.	8.0	9
28	Complex effects of landscape, habitat and reservoir operation on riparian vegetation across multiple scales in a human-dominated landscape. Ecological Indicators, 2018, 94, 482-490.	6.3	8
29	Walls offer potential to improve urban biodiversity. Scientific Reports, 2020, 10, 9905.	3.3	8
30	THE COOLING INTENSITY DEPENDENT ON LANDSCAPE COMPLEXITY OF GREEN INFRASTRUCTURE IN THE METROPOLITAN AREA. Journal of Environmental Engineering and Landscape Management, 2021, 29, 318-336.	1.0	8
31	Effects of Landscape Development Intensity on River Water Quality in Urbanized Areas. Sustainability, 2019, 11, 7120.	3.2	7
32	Multi-Perspective Analysis of Household Carbon Dioxide Emissions from Direct Energy Consumption by the Methods of Logarithmic Mean Divisia Index and Ïƒ Convergence in Central China. Sustainability, 2021, 13, 9285.	3.2	7
33	The drawdown zone of the Three Gorges Reservoir: A high risk corridor for species invasion in China?. Acta Ecologica Sinica, 2016, 36, 36-38.	1.9	6
34	Forestland prediction of China based on forest ecosystem services for the first half of 21st century. Journal of Forestry Research, 2008, 19, 181-186.	3.6	5
35	Urban carbon dioxide equivalent (CO₂e) accounting based on the GPC framework. International Journal of Climate Change Strategies and Management, 2018, 10, 812-832.	2.9	5
36	Urban spontaneous vegetation helps create unique landsenses. International Journal of Sustainable Development and World Ecology, 2021, 28, 593-601.	5.9	5

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37	Study of urban carbon dioxide equivalent (CO₂e) accounting based on the comparable GPC framework: a case of the underdeveloped city, Nanning, China. Journal of Integrative Environmental Sciences, 2018, 15, 59-81.	2.5	2
38	Incorporating carbon emissions from landfills and wastewater treatment into a household emission inventory for systematically analysing household behaviour. Journal of Water and Climate Change, 2019, 10, 708-724.	2.9	1
39	The effect of landscape complexity on water quality in mountainous urbanized watersheds: a case study in Chongqing, China. Landscape and Ecological Engineering, 2021, 17, 165.	1.5	1
40	Multifunctioning Urban Waterfront: Inspirations from the Ecological Wisdom of Working with Reservoir Flooding in the Three Gorges Reservoir Region. Ecowise, 2019, , 217-245.	0.1	0