

# Xue-Chao Wang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32  
papers

751  
citations

15  
h-index

27  
g-index

35  
ext. papers

1,140  
ext. citations

7.6  
avg, IF

4.69  
L-index

#	Paper	IF	Citations
32	Imbalances in virtual energy transfer network of China and carbon neutrality implications. <i>Energy</i> , <b>2022</b> , 124304	7.9	1
31	A life cycle assessment of an enterprise's low-carbon emissions model: The Xinjiang Shihezi pig farm faecal treatment biogas project as a case study.. <i>Journal of Environmental Management</i> , <b>2021</b> , 304, 114251	7.9	1
30	Study on the relationship among the urbanization process, ecosystem services and human well-being in an arid region in the context of carbon flow: Taking the Manas river basin as an example. <i>Ecological Indicators</i> , <b>2021</b> , 132, 108248	5.8	5
29	Integrating Environmental Impact and Ecosystem Services in the Process of Land Resource Capitalization—A Case Study of Land Transfer in Fuping, Hebei. <i>Sustainability</i> , <b>2021</b> , 13, 2837	3.6	0
28	Impacts of urban land morphology on PM concentration in the urban agglomerations of China. <i>Journal of Environmental Management</i> , <b>2021</b> , 283, 112000	7.9	21
27	Regional embodied Water-Energy-Carbon efficiency of China. <i>Energy</i> , <b>2021</b> , 224, 120159	7.9	6
26	Unsustainable imbalances and inequities in Carbon-Water-Energy flows across the EU27. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 138, 110550	16.2	5
25	Research on Dynamic Analysis and Mitigation Strategies of Supply Chains under Different Disruption Risks. <i>Sustainability</i> , <b>2021</b> , 13, 2462	3.6	3
24	Entwining ecosystem services, Land Use Change and human well-being by nitrogen flows. <i>Journal of Cleaner Production</i> , <b>2021</b> , 308, 127442	10.3	4
23	Shifting from fossil-based economy to bio-based economy: Status quo, challenges, and prospects. <i>Energy</i> , <b>2021</b> , 228, 120533	7.9	14
22	Extended water-energy nexus contribution to environmentally-related sustainable development goals. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 150, 111485	16.2	21
21	COVID-19 pandemics Stage II - Energy and environmental impacts of vaccination. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 150, 111400	16.2	28
20	Empirical Research on the Process of Land Resource-Asset-Capitalization—A Case Study of Yanba, Jiangjin District, Chongqing. <i>Sustainability</i> , <b>2020</b> , 12, 1236	3.6	3
19	Decoupling Elasticity and Driving Factors of Energy Consumption and Economic Development in the Qinghai-Tibet Plateau. <i>Sustainability</i> , <b>2020</b> , 12, 1326	3.6	8
18	Analysis of the functional orientation of agricultural systems from the perspective of resource circulation. <i>Journal of Cleaner Production</i> , <b>2020</b> , 258, 120642	10.3	6
17	Water-Energy-Carbon Emissions nexus analysis of China: An environmental input-output model-based approach. <i>Applied Energy</i> , <b>2020</b> , 261, 114431	10.7	55
16	Heat transfer enhancement, intensification and optimisation in heat exchanger network retrofit and operation. <i>Renewable and Sustainable Energy Reviews</i> , <b>2020</b> , 120, 109644	16.2	51

15	Measuring the environmental performance of the EU27 from the Water-Energy-Carbon nexus perspective. <i>Journal of Cleaner Production</i> , <b>2020</b> , 265, 121832	10.3	14
14	Sustainability evaluation based on the Three-dimensional Ecological Footprint and Human Development Index: A case study on the four island regions in China. <i>Journal of Environmental Management</i> , <b>2020</b> , 265, 110509	7.9	33
13	Integrating Biophysical and Sociocultural Methods for Identifying the Relationships between Ecosystem Services and Land Use Change: Insights from an Oasis Area. <i>Sustainability</i> , <b>2019</b> , 11, 2598	3.6	4
12	Relationships between ecosystem services and human well-being changes based on carbon flow— a case study of the Manas River Basin, Xinjiang, China. <i>Ecosystem Services</i> , <b>2019</b> , 37, 100934	6.1	15
11	Air pollution terrain nexus: A review considering energy generation and consumption. <i>Renewable and Sustainable Energy Reviews</i> , <b>2019</b> , 105, 71-85	16.2	86
10	Is it true that the longer the extended industrial chain, the better the circular agriculture? A case study of circular agriculture industry company in Fuqing, Fujian. <i>Journal of Cleaner Production</i> , <b>2018</b> , 189, 718-728	10.3	21
9	Methods optimisation, Process Integration and modelling for energy saving and pollution reduction. <i>Energy</i> , <b>2018</b> , 146, 1-3	7.9	15
8	Energy modeling simulation of changes in ecosystem services before and after the implementation of a Grain-for-Green program on the Loess Plateau— a case study of the Zhifanggou valley in Ansai County, Shaanxi Province, China. <i>Ecosystem Services</i> , <b>2018</b> , 31, 32-43	6.1	34
7	Life Cycle Environmental Impact Assessment of Circular Agriculture: A Case Study in Fuqing, China. <i>Sustainability</i> , <b>2018</b> , 10, 1810	3.6	18
6	It is Worth Pondering Whether a Carbon Tax is Suitable for China— Agricultural-Related Sectors. <i>Energies</i> , <b>2018</b> , 11, 2296	3.1	2
5	Multiple influences of land transfer in the integration of Beijing-Tianjin-Hebei region in China. <i>Ecological Indicators</i> , <b>2018</b> , 90, 101-111	5.8	16
4	Integrating supply and social demand in ecosystem services assessment: A review. <i>Ecosystem Services</i> , <b>2017</b> , 25, 15-27	6.1	130
3	Ecosystem Services and Ecological Restoration in the Northern Shaanxi Loess Plateau, China, in Relation to Climate Fluctuation and Investments in Natural Capital. <i>Sustainability</i> , <b>2017</b> , 9, 199	3.6	29
2	Linking land use change, ecosystem services and human well-being: A case study of the Manas River Basin of Xinjiang, China. <i>Ecosystem Services</i> , <b>2017</b> , 27, 113-123	6.1	84
1	On the Relationship between Economic Development, Environmental Integrity and Well-Being: The Point of View of Herdsmen in Northern China Grassland. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134786	3.7	15