Yutao Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1579956/publications.pdf

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89	4,866	66343	102487
papers	citations	42 h-index	66 g-index

92	92	92	4685
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pattern changes in determinants of Chinese emissions. Environmental Research Letters, 2017, 12, 074003.	5.2	217
2	Cities: The core of climate change mitigation. Journal of Cleaner Production, 2019, 207, 582-589.	9.3	193
3	Public perceptions of and willingness to pay for sponge city initiatives in China. Resources, Conservation and Recycling, 2017, 122, 11-20.	10.8	167
4	Public awareness and willingness to pay for tackling smog pollution inÂChina: a case study. Journal of Cleaner Production, 2016, 112, 1627-1634.	9.3	164
5	How would big data support societal development and environmental sustainability? Insights and practices. Journal of Cleaner Production, 2017, 142, 489-500.	9.3	158
6	Implementing stricter environmental regulation to enhance eco-efficiency and sustainability: a case study of Shandong Provinceâ€™s pulp and paper industry, China. Journal of Cleaner Production, 2011, 19, 303-310.	9.3	148
7	Implications of Chinaâ€™s foreign waste ban on the global circular economy. Resources, Conservation and Recycling, 2019, 144, 252-255.	10.8	147
8	Air pollution terrain nexus: A review considering energy generation and consumption. Renewable and Sustainable Energy Reviews, 2019, 105, 71-85.	16.4	146
9	Uncovering energy use, carbon emissions and environmental burdens of pulp and paper industry: A systematic review and meta-analysis. Renewable and Sustainable Energy Reviews, 2018, 92, 823-833.	16.4	139
10	Water-Energy-Carbon Emissions nexus analysis of China: An environmental input-output model-based approach. Applied Energy, 2020, 261, 114431.	10.1	116
11	Study of the relationship between greenhouse gas emissions and the economic growth of Russia based on the Environmental Kuznets Curve. Applied Energy, 2017, 193, 162-173.	10.1	107
12	The eco-efficiency of pulp and paper industry in China: an assessment based on slacks-based measure and Malmquistâ€“Luenberger index. Journal of Cleaner Production, 2016, 127, 511-521.	9.3	104
13	Moving towards an ecologically sound society? Starting from green universities and environmental higher education. Journal of Cleaner Production, 2013, 61, 1-5.	9.3	101
14	Bioleaching of zinc and manganese from spent Znâ€“Mn batteries and mechanism exploration. Bioresource Technology, 2012, 106, 147-153.	9.6	93
15	Exploring the environmental pressures in urban sectors: An energy-water-carbon nexus perspective. Applied Energy, 2018, 228, 2298-2307.	10.1	90
16	Sustainability evaluation based on the Three-dimensional Ecological Footprint and Human Development Index: A case study on the four island regions in China. Journal of Environmental Management, 2020, 265, 110509.	7.8	90
17	Consumer behavior and perspectives concerning spent household battery collection and recycling in China: a case study. Journal of Cleaner Production, 2015, 107, 775-785.	9.3	85
18	Modeling and evaluating land-use/land-cover change for urban planning and sustainability: A case study of Dongying city, China. Journal of Cleaner Production, 2018, 172, 1529-1534.	9.3	85

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19	Preventing smog crises in China and globally. Journal of Cleaner Production, 2016, 112, 1261-1271.	9.3	79
20	The â€œAPEC blueâ€•endeavor: Causal effects of air pollution regulation on air quality in China. Journal of Cleaner Production, 2017, 168, 1381-1388.	9.3	79
21	Estimating carbon emissions from the pulp and paper industry: A case study. Applied Energy, 2016, 184, 779-789.	10.1	78
22	Towards an inclusive circular economy: Quantifying the spatial flows of e-waste through the informal sector in China. Resources, Conservation and Recycling, 2018, 135, 163-171.	10.8	77
23	Environmental-social-economic footprints of consumption and trade in the Asia-Pacific region. Nature Communications, 2020, 11, 4490.	12.8	76
24	Extended water-energy nexus contribution to environmentally-related sustainable development goals. Renewable and Sustainable Energy Reviews, 2021, 150, 111485.	16.4	75
25	Life cycle assessment of electronic waste treatment. Waste Management, 2015, 38, 357-365.	7.4	74
26	Life cycle assessment of caustic soda production: a case study in China. Journal of Cleaner Production, 2014, 66, 113-120.	9.3	69
27	A dynamic and spatially explicit modeling approach to identify the ecosystem service implications of complex urban systems interactions. Ecological Indicators, 2019, 102, 426-436.	6.3	66
28	Shifting from fossil-based economy to bio-based economy: Status quo, challenges, and prospects. Energy, 2021, 228, 120533.	8.8	66
29	Regional household carbon footprint in China: a case of Liaoning province. Journal of Cleaner Production, 2016, 114, 401-411.	9.3	61
30	Environmental burdens of the comprehensive utilization of straw: Wheat straw utilization from a life-cycle perspective. Journal of Cleaner Production, 2020, 259, 120702.	9.3	61
31	Spatially explicit analysis identifies significant potential for bioenergy with carbon capture and storage in China. Nature Communications, 2021, 12, 3159.	12.8	58
32	From payments for ecosystem services to eco-compensation: Conceptual change or paradigm shift?. Science of the Total Environment, 2020, 700, 134627.	8.0	57
33	Evolution analysis of environmental standards: Effectiveness on air pollutant emissions reduction. Journal of Cleaner Production, 2017, 149, 511-520.	9.3	55
34	Measuring regional sustainability with an integrated social-economic-natural approach: a case study of the Yellow River Delta region of China. Journal of Cleaner Production, 2016, 114, 189-198.	9.3	54
35	How can smart technologies contribute to sustainable product lifecycle management?. Journal of Cleaner Production, 2020, 249, 119423.	9.3	54
36	Identifying the regional disparities of ecosystem services from a supply-demand perspective. Resources, Conservation and Recycling, 2021, 169, 105557.	10.8	53

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37	Analysis of reasons for decline of bioleaching efficiency of spent Znâ€“Mn batteries at high pulp densities and exploration measure for improving performance. Bioresource Technology, 2012, 112, 186-192.	9.6	52
38	Promoting regional sustainability by eco-province construction in China: A critical assessment. Ecological Indicators, 2015, 51, 127-138.	6.3	50
39	Tracing the spatial variation and value change of ecosystem services in Yellow River Delta, China. Ecological Indicators, 2019, 96, 270-277.	6.3	50
40	Sustainability of the use of natural capital in a city: Measuring the size and depth of urban ecological and water footprints. Science of the Total Environment, 2018, 631-632, 476-484.	8.0	49
41	Carbon emissions and driving forces of an island economy: A case study of Chongming Island, China. Journal of Cleaner Production, 2020, 254, 120028.	9.3	49
42	Measuring ecological capital: State of the art, trends, and challenges. Journal of Cleaner Production, 2019, 219, 833-845.	9.3	45
43	Rural household energy consumption of farmers and herders in the Qinghai-Tibet Plateau. Energy, 2020, 192, 116649.	8.8	44
44	Enterprises' compliance with government carbon reduction labelling policy using a system dynamics approach. Journal of Cleaner Production, 2017, 163, 303-319.	9.3	43
45	The spatiotemporal variation and key factors of SO2 in 336 cities across China. Journal of Cleaner Production, 2019, 210, 602-611.	9.3	42
46	Exploring the formulation of ecological management policies by quantifying interregional primary ecosystem service flows in Yangtze River Delta region, China. Journal of Environmental Management, 2021, 284, 112042.	7.8	40
47	Greenhouse gas emissions estimation and ways to mitigate emissions in the Yellow River Delta High-efficient Eco-economic Zone, China. Journal of Cleaner Production, 2014, 81, 89-102.	9.3	36
48	Life cycle assessment of a bio-hydrometallurgical treatment of spent ZnMn batteries. Journal of Cleaner Production, 2016, 129, 350-358.	9.3	36
49	Ecosystem services response to rural-urban transitions in coastal and island cities: A comparison between Shenzhen and Hong Kong, China. Journal of Cleaner Production, 2020, 260, 121033.	9.3	36
50	Key indices of the remanufacturing industry in China using a combined method of grey incidence analysis and grey clustering. Journal of Cleaner Production, 2017, 168, 1348-1357.	9.3	35
51	Environmental performance of straw-based pulp making: A life cycle perspective. Science of the Total Environment, 2018, 616-617, 753-762.	8.0	35
52	How would social acceptance affect nuclear power development? AÂstudy from China. Journal of Cleaner Production, 2017, 163, 179-186.	9.3	34
53	Has China's war on pollution reduced employment? Quasi-experimental evidence from the Clean Air Action. Journal of Environmental Management, 2020, 260, 109851.	7.8	34
54	A review of the first twenty-three years of articles published in the Journal of Cleaner Production: With a focus on trends, themes, collaboration networks, low/no-fossil carbon transformations and the future. Journal of Cleaner Production, 2017, 163, 1-14.	9.3	31

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55	Readiness for sustainable community: A case study of Green Star Communities. Journal of Cleaner Production, 2018, 173, 308-317.	9.3	31
56	Key transmission sectors of energy-water-carbon nexus pressures in Shanghai, China. Journal of Cleaner Production, 2019, 225, 27-35.	9.3	31
57	Managing urban ecological land as properties: Conceptual model, public perceptions, and willingness to pay. Resources, Conservation and Recycling, 2018, 133, 21-29.	10.8	30
58	Big data: New tend to sustainable consumption research. Journal of Cleaner Production, 2019, 236, 117499.	9.3	29
59	System integration is a necessity for sustainable development. Journal of Cleaner Production, 2018, 195, 122-132.	9.3	26
60	On moving towards an ecologically sound society: with special focus on preventing future smog crises in China and globally. Journal of Cleaner Production, 2014, 64, 9-12.	9.3	24
61	Environmental accounting: In between raw data and information use for management practices. Journal of Cleaner Production, 2018, 197, 1056-1068.	9.3	24
62	Measuring the environmental performance of the EU27 from the Water-Energy-Carbon nexus perspective. Journal of Cleaner Production, 2020, 265, 121832.	9.3	23
63	A new era of straw-based pulping? Evidence from a carbon metabolism perspective. Journal of Cleaner Production, 2018, 193, 327-337.	9.3	20
64	Biosynthesis of high-purity Î³-MnS nanoparticle by newly isolated Clostridiaceae sp. and its properties characterization. Bioprocess and Biosystems Engineering, 2015, 38, 219-227.	3.4	19
65	The changing ambient mixing ratios of long-lived halocarbons under Montreal Protocol in China. Journal of Cleaner Production, 2018, 188, 774-785.	9.3	19
66	What differentiates food-related environmental footprints of rural Chinese households?. Resources, Conservation and Recycling, 2021, 166, 105347.	10.8	18
67	An approach of measuring environmental protection in Chinese industries: a study using inputâ€“output model analysis. Journal of Cleaner Production, 2016, 137, 1479-1490.	9.3	17
68	Economic impact of more stringent environmental standard in China: Evidence from a regional policy experimentation in pulp and paper industry. Resources, Conservation and Recycling, 2020, 158, 104831.	10.8	17
69	Quantifying the emergy flow of an urban complex and the ecological services of a satellite town: a case study of Zengcheng, China. Journal of Cleaner Production, 2017, 163, S267-S276.	9.3	16
70	Effects of submergence and eutrophication on the morphological traits and biomass allocation of the invasive plantAlternanthera philoxeroides. Journal of Freshwater Ecology, 2016, 31, 341-349.	1.2	15
71	How to achieve low/no-fossil carbon transformations: With a special focus upon mechanisms, technologies and policies. Journal of Cleaner Production, 2017, 163, 15-23.	9.3	15
72	Circular economy pattern of livestock manure management in Longyou, China. Journal of Material Cycles and Waste Management, 2018, 20, 1050-1062.	3.0	15

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73	Streamflow in the Columbia River Basin: Quantifying Changes Over the Period 1951â€2008 and Determining the Drivers of Those Changes. Water Resources Research, 2019, 55, 6640-6652.	4.2	15
74	Can an island economy be more sustainable? A comparative study of Indonesia, Malaysia, and the Philippines. Journal of Cleaner Production, 2020, 242, 118572.	9.3	14
75	Investigating the eco-efficiency of China's textile industry based on a firm-level analysis. Science of the Total Environment, 2022, 833, 155075.	8.0	13
76	Evaluating renewable natural resources flow and net primary productivity with a GIS-Emergy approach: A case study of Hokkaido, Japan. Scientific Reports, 2016, 6, 37552.	3.3	12
77	Assessment of landscape changes under different urban dynamics based on a multiple-scenario modeling approach. Environment and Planning B: Urban Analytics and City Science, 2020, 47, 1361-1379.	2.0	11
78	Unsustainable imbalances and inequities in Carbon-Water-Energy flows across the EU27. Renewable and Sustainable Energy Reviews, 2021, 138, 110550.	16.4	11
79	Contribution of environmental forcings to US runoff changes for the period 1950â€“2010. Environmental Research Letters, 2018, 13, 054023.	5.2	9
80	Carbon implications of Chinaâ€™s changing economic structure at the city level. Structural Change and Economic Dynamics, 2018, 46, 163-171.	4.5	9
81	Estimation of entityâ€level land use and its application in urban sectoral land use footprint: A bottomâ€up model with emerging geospatial data. Journal of Industrial Ecology, 2022, 26, 309-322.	5.5	9
82	Relationships Between Plant Species Richness and Environmental Factors in Nature Reserves at Different Spatial Scales. Polish Journal of Environmental Studies, 2017, 26, 2375-2384.	1.2	7
83	Evaluation of Clean Coal Technologies in China: Based on Rough Set Theory. Energy and Environment, 2015, 26, 985-995.	4.6	5
84	Ten years working together for a sustainable world, dedicated to the 6th IWACP: Introductory article. Journal of Cleaner Production, 2019, 226, 866-873.	9.3	5
85	Strategic assessment of fuel taxation in energy conservation and CO2 reduction for road transportation: a case study from China. Stochastic Environmental Research and Risk Assessment, 2013, 27, 1231-1238.	4.0	4
86	Factors Affecting Alien and Native Plant Species Richness in Temperate Nature Reserves of Northern China. Polish Journal of Ecology, 2017, 65, 320-333.	0.2	4
87	Total Site Utility Systems Structural Design Considering Environmental Impacts. Computer Aided Chemical Engineering, 2018, 43, 1305-1310.	0.5	2
88	Editorial board changes in the Journal of Cleaner Production. Journal of Cleaner Production, 2016, 122, 1.	9.3	1
89	The Effects of Bridge Abutments on the Benthic Macroinvertebrate Community. Polish Journal of Environmental Studies, 2016, 25, 1331-1337.	1.2	1