

Bin Chen

List of Publications by Year in descending order

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243
papers

11,181
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23567

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252
all docs

252
docs citations

252
times ranked

8263
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking the carbon footprint of China's coal-fired power system. Resources, Conservation and Recycling, 2022, 177, 105964.	10.8	35
2	Achieving carbon neutrality enables China to attain its industrial water-use target. One Earth, 2022, 5, 188-200.	6.8	25
3	Energy-based sustainability analysis of bioenergy production from marginal and degraded lands of India. Ecological Modelling, 2022, 466, 109903.	2.5	7
4	Examining the Sensitivity of Global CO ₂ Emissions to Trade Restrictions over Multiple Years. Environmental Science and Technology Letters, 2022, 9, 293-298.	8.7	2
5	Multi-objective optimization of energy-water nexus from spatial resource reallocation perspective in China. Applied Energy, 2022, 314, 118919.	10.1	14
6	Modified linkage analysis for water-land nexus driven by interregional trade. Journal of Cleaner Production, 2022, 353, 131547.	9.3	7
7	Effects of ecological restoration on carbon sink and carbon drawdown of degraded salt marshes with carbon-rich additives application. Land Degradation and Development, 2022, 33, 2103-2114.	3.9	6
8	Energy-pollutant nexus for wastewater treatment in China based on multi-regional input-output analysis. Journal of Cleaner Production, 2022, 363, 132490.	9.3	7
9	The 2020 China report of the Lancet Countdown on health and climate change. Lancet Public Health, The, 2021, 6, e64-e81.	10.0	106
10	Tracking embodied water uses and GHG emissions along Chinese supply chains. Journal of Cleaner Production, 2021, 288, 125590.	9.3	6
11	Drivers of energy-related PM2.5 emissions in the Jing-Jin-Ji region between 2002 and 2015. Applied Energy, 2021, 288, 116668.	10.1	20
12	Assessing urban low-carbon performance from a metabolic perspective. Science China Earth Sciences, 2021, 64, 1721-1734.	5.2	5
13	Identifying critical sectors and supply chain paths for virtual water and energy-related water trade in China. Applied Energy, 2021, 299, 117294.	10.1	10
14	Interregional spillover effect of PM2.5 emissions on Northeast China through the national supply chain. Applied Energy, 2021, 303, 117670.	10.1	3
15	Unraveling energy-water nexus paths in urban agglomeration: A case study of Beijing-Tianjin-Hebei. Applied Energy, 2021, 304, 117924.	10.1	22
16	The 2021 China report of the Lancet Countdown on health and climate change: seizing the window of opportunity. Lancet Public Health, The, 2021, 6, e932-e947.	10.0	41
17	Driving factors of water-energy nexus in China. Applied Energy, 2020, 257, 113984.	10.1	34
18	Global water use associated with energy supply, demand and international trade of China. Applied Energy, 2020, 257, 113992.	10.1	36

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19	The evolution of China's provincial shared producer and consumer responsibilities for energy-related mercury emissions. <i>Journal of Cleaner Production</i> , 2020, 245, 118678.	9.3	12
20	Identifying hotspots of sectors and supply chain paths for electricity conservation in China. <i>Journal of Cleaner Production</i> , 2020, 251, 119653.	9.3	27
21	Embodied energy in service industry in global cities: A study of six Asian cities. <i>Land Use Policy</i> , 2020, 91, 104264.	5.6	16
22	Urban carbon footprints across scale: Important considerations for choosing system boundaries. <i>Applied Energy</i> , 2020, 259, 114201.	10.1	39
23	Near-real-time monitoring of global CO2 emissions reveals the effects of the COVID-19 pandemic. <i>Nature Communications</i> , 2020, 11, 5172.	12.8	420
24	Urban land-carbon nexus based on ecological network analysis. <i>Applied Energy</i> , 2020, 276, 115465.	10.1	69
25	Spillover risk analysis of virtual water trade based on multi-regional input-output model -A case study. <i>Journal of Environmental Management</i> , 2020, 275, 111242.	7.8	27
26	Globalized energy-water nexus through international trade: The dominant role of non-energy commodities for worldwide energy-related water use. <i>Science of the Total Environment</i> , 2020, 736, 139582.	8.0	13
27	Land's "water" energy nexus in agricultural management for greenhouse gas mitigation. <i>Applied Energy</i> , 2020, 265, 114796.	10.1	57
28	Average propagation length analysis for carbon emissions in China. <i>Applied Energy</i> , 2020, 275, 115386.	10.1	10
29	Physical and virtual carbon metabolism of global cities. <i>Nature Communications</i> , 2020, 11, 182.	12.8	62
30	Water-energy scarcity nexus risk in the national trade system based on multiregional input-output and network environ analyses. <i>Applied Energy</i> , 2020, 268, 114974.	10.1	49
31	Global Urban Carbon Networks: Linking Inventory to Modeling. <i>Environmental Science & Technology</i> , 2020, 54, 5790-5801.	10.0	20
32	Multi-regional input-output and linkage analysis for water-PM2.5 nexus. <i>Applied Energy</i> , 2020, 268, 115018.	10.1	14
33	Three-scale input-output analysis for energy and water consumption in urban agglomeration. <i>Journal of Cleaner Production</i> , 2020, 268, 122148.	9.3	29
34	An embodied energy perspective of urban economy: A three-scale analysis for Beijing 2002-2012 with headquarter effect. <i>Science of the Total Environment</i> , 2020, 732, 139097.	8.0	16
35	Evolution of methane emissions in global supply chains during 2000-2012. <i>Resources, Conservation and Recycling</i> , 2019, 150, 104414.	10.8	25
36	Water-energy nexus based on modified multiregional input-output model within China. <i>Energy Procedia</i> , 2019, 158, 4092-4098.	1.8	12

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37	Optimization of electricity generation pattern in China from perspective of water scarcity. Energy Procedia, 2019, 158, 3872-3877.	1.8	7
38	Driving force analysis of the consumption of water and energy in China based on LMDI method. Energy Procedia, 2019, 158, 4318-4322.	1.8	26
39	Accounting framework of energy-water nexus technologies based on 3 scope hybrid life cycle analysis. Energy Procedia, 2019, 158, 4104-4108.	1.8	8
40	A three-scale input-output analysis of blue and grey water footprint for Beijing-Tianjin-Hebei Urban Agglomeration. Energy Procedia, 2019, 158, 4049-4054.	1.8	11
41	Inequality of air pollution and carbon emission embodied in inter-regional transport. Energy Procedia, 2019, 158, 3833-3839.	1.8	12
42	Information-based ecological network analysis for carbon emissions. Applied Energy, 2019, 238, 45-53.	10.1	36
43	Application of Extreme Learning Machine for Predicting Chlorophyll-a Concentration Inartificial Upwelling Processes. Mathematical Problems in Engineering, 2019, 2019, 1-11.	1.1	16
44	Energy footprint pathways of China. Energy, 2019, 180, 330-340.	8.8	24
45	Human health impact and economic effect for PM2.5 exposure in typical cities. Applied Energy, 2019, 249, 316-325.	10.1	55
46	Clean air for some: Unintended spillover effects of regional air pollution policies. Science Advances, 2019, 5, eaav4707.	10.3	126
47	Pathways for sustainable energy transition. Journal of Cleaner Production, 2019, 228, 1564-1571.	9.3	106
48	Accounting global grey water footprint from both consumption and production perspectives. Journal of Cleaner Production, 2019, 225, 963-971.	9.3	53
49	Dynamic Carbon Emission Linkages Across Boundaries. Earth's Future, 2019, 7, 197-209.	6.3	29
50	Drivers of CO2 emissions from power generation in China based on modified structural decomposition analysis. Journal of Cleaner Production, 2019, 220, 1143-1155.	9.3	84
51	How Green Transition of Energy System Impacts China's Mercury Emissions. Earth's Future, 2019, 7, 1407-1416.	6.3	68
52	Interdependence between energy and metals in China: evidence from a nexus perspective. Journal of Cleaner Production, 2019, 214, 345-355.	9.3	26
53	Energy-water nexus under energy mix scenarios using input-output and ecological network analyses. Applied Energy, 2019, 233-234, 827-839.	10.1	97
54	Water-land nexus in food trade based on ecological network analysis. Ecological Indicators, 2019, 97, 466-475.	6.3	38

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55	Indicators for contaminant transport in a three-layer wetland with wind. <i>Ecological Indicators</i> , 2019, 105, 448-463.	6.3	4
56	How do people in different places experience different levels of air pollution? Using worldwide Chinese as a lens. <i>Environmental Pollution</i> , 2018, 238, 874-883.	7.5	39
57	Unfolding the interplay between carbon flows and socioeconomic development in a city: What can network analysis offer?. <i>Applied Energy</i> , 2018, 211, 403-412.	10.1	35
58	Interregional carbon flows of China. <i>Applied Energy</i> , 2018, 227, 342-352.	10.1	87
59	Dynamic monitoring of the Poyang Lake wetland by integrating Landsat and MODIS observations. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 139, 75-87.	11.1	95
60	Multiregional input-output and ecological network analyses for regional energy-water nexus within China. <i>Applied Energy</i> , 2018, 227, 353-364.	10.1	83
61	PM2.5 footprint of household energy consumption. <i>Applied Energy</i> , 2018, 227, 375-383.	10.1	38
62	Understanding, Implementing, and Tracking Urban Metabolism Is Key to Urban Futures. , 2018, , 68-91.		6
63	The electricity-water nexus in Chinese electric trade system. <i>Energy Procedia</i> , 2018, 152, 247-252.	1.8	4
64	The energy-water nexus in interregional economic trade from both consumption and production perspectives. <i>Energy Procedia</i> , 2018, 152, 281-286.	1.8	8
65	Blue, green and grey water embodied in food supply chain in China. <i>Energy Procedia</i> , 2018, 152, 287-292.	1.8	0
66	Spatial energy-water nexus through economic trade network. <i>Energy Procedia</i> , 2018, 152, 307-311.	1.8	2
67	Linkages analysis for water-PM2.5 nexus in Beijing. <i>Energy Procedia</i> , 2018, 152, 725-730.	1.8	2
68	Analysis of global energy consumption inequality by using Lorenz curve. <i>Energy Procedia</i> , 2018, 152, 750-755.	1.8	24
69	Consumption-based greenhouse gas emissions accounting with capital stock change highlights dynamics of fast-developing countries. <i>Nature Communications</i> , 2018, 9, 3581.	12.8	87
70	Tracking carbon transfers embodied in Chinese municipalities' domestic and foreign trade. <i>Journal of Cleaner Production</i> , 2018, 192, 950-960.	9.3	50
71	Linkage analysis for water-carbon nexus in China. <i>Applied Energy</i> , 2018, 225, 682-695.	10.1	62
72	Three-Tier carbon accounting model for cities. <i>Applied Energy</i> , 2018, 229, 163-175.	10.1	20

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73	Real-Time Estimation of Population Exposure to PM2.5 Using Mobile- and Station-Based Big Data. International Journal of Environmental Research and Public Health, 2018, 15, 573.	2.6	67
74	Ternary emergetic environmental performance auditing of a typical industrial park in Beijing. Journal of Cleaner Production, 2017, 163, 128-135.	9.3	9
75	The driving force of water footprint under the rapid urbanization process: a structural decomposition analysis for Zhangye city in China. Journal of Cleaner Production, 2017, 163, S322-S328.	9.3	88
76	Sustainability accounting of a household biogas project based on emergy. Applied Energy, 2017, 194, 819-831.	10.1	32
77	Emergy evaluation for a low-carbon industrial park. Journal of Cleaner Production, 2017, 163, S392-S400.	9.3	30
78	Communal carbon metabolism: methodology and case study. Journal of Cleaner Production, 2017, 163, S315-S321.	9.3	11
79	Assessing the energy-saving effect of urbanization in China based on stochastic impacts by regression on population, affluence and technology (STIRPAT) model. Journal of Cleaner Production, 2017, 163, S306-S314.	9.3	104
80	A holistic low carbon city indicator framework for sustainable development. Applied Energy, 2017, 185, 1919-1930.	10.1	230
81	Urban ecological footprint prediction based on the Markov chain. Journal of Cleaner Production, 2017, 163, 146-153.	9.3	37
82	Driving factors of carbon dioxide emissions in China: an empirical study using 2006-2010 provincial data. Frontiers of Earth Science, 2017, 11, 156-161.	2.1	31
83	Linkage analysis for the water-energy nexus of city. Applied Energy, 2017, 189, 770-779.	10.1	207
84	ENA-based evaluation of energy supply security: Comparison between the Chinese crude oil and natural gas supply systems. Renewable and Sustainable Energy Reviews, 2017, 72, 888-899.	16.4	47
85	Urban energy-water nexus based on modified input-output analysis. Applied Energy, 2017, 196, 208-217.	10.1	125
86	A three-scale input-output analysis of water use in a regional economy: Hebei province in China. Journal of Cleaner Production, 2017, 156, 962-974.	9.3	40
87	Driving Forces of Particulate Matter Emissions in China. Energy Procedia, 2017, 105, 4601-4606.	1.8	3
88	Changing Urban Carbon Metabolism over Time: Historical Trajectory and Future Pathway. Environmental Science & Technology, 2017, 51, 7560-7571.	10.0	55
89	Biotechnological Advances for Restoring Degraded Land for Sustainable Development. Trends in Biotechnology, 2017, 35, 847-859.	9.3	80
90	Biogas Systems in China. , 2017, , .		3

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91	History of Biogas Production in China. , 2017, , 1-15.		1
92	Assessment and regulation of urban crude oil supply security: A network perspective. Journal of Cleaner Production, 2017, 165, 93-102.	9.3	12
93	Linkages Analysis for Water-carbon Nexus in Urban System. Energy Procedia, 2017, 105, 3876-3880.	1.8	7
94	Energy-water Nexus in Beijing: Causality Analysis and Scenario Analysis. Energy Procedia, 2017, 105, 3966-3971.	1.8	7
95	Waterâ€“energy Nexus in China's Electric Power System. Energy Procedia, 2017, 105, 3972-3977.	1.8	28
96	Quantitative estimation of 21st-century urban greenspace changes in Chinese populous cities. Science of the Total Environment, 2017, 609, 956-965.	8.0	64
97	Main Methods. , 2017, , 17-36.		0
98	Dynamic forecasting of agricultural water footprint based on Markov Chain-a case study of the Heihe River Basin. Ecological Modelling, 2017, 353, 150-157.	2.5	21
99	Coupling of carbon and energy flows in cities: A meta-analysis and nexus modelling. Applied Energy, 2017, 194, 774-783.	10.1	58
100	Network perspective of embodied PM2.5 â€“ A case study. Journal of Cleaner Production, 2017, 142, 3322-3331.	9.3	16
101	Energyâ€“water nexus of international energy trade of China. Applied Energy, 2017, 194, 725-734.	10.1	106
102	Regional waterâ€“energyâ€“food nexus in China based on multiregional inputâ€“output analysis. Energy Procedia, 2017, 142, 3108-3114.	1.8	24
103	Embodied carbon emission analysis of ecoâˆ“industrial park based on inputâˆ“output analysis and ecological network analysis. Energy Procedia, 2017, 142, 3102-3107.	1.8	5
104	The Societal Costs of Deep Decarbonization in China. Energy Procedia, 2017, 142, 3115-3121.	1.8	2
105	Impacts of different low-carbon development pathways on water consumption in China based on input-output analysis. Energy Procedia, 2017, 142, 3122-3128.	1.8	1
106	Environment Emissions of Household Biogas Project. , 2017, , 49-63.		0
107	Economic Assessment of Household Biogas Project. , 2017, , 75-83.		0
108	Energy Evaluation of Household Biogas Project. , 2017, , 65-73.		0

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109	Energy Analysis of Biogas-Linked Agricultural System. , 2017, , 85-136.		0
110	Ecological Network Analysis of Embodied Energy Exchanges Among the Seven Regions of China. Journal of Industrial Ecology, 2016, 20, 472-483.	5.5	13
111	Production-based and Consumption-based Carbon Emissions of Beijing: Trend and Features. Energy Procedia, 2016, 104, 171-176.	1.8	11
112	Co-benefits of CO2 and PM2.5 Emission Reduction. Energy Procedia, 2016, 104, 92-97.	1.8	16
113	Energy Consumption in Urban Water Cycle. Energy Procedia, 2016, 104, 123-128.	1.8	31
114	Energy-water-carbon Nexus at Urban Scale. Energy Procedia, 2016, 104, 183-190.	1.8	13
115	Dynamic Hybrid Life Cycle Assessment of CO2 Emissions of a Typical Biogas Project. Energy Procedia, 2016, 104, 396-401.	1.8	8
116	Information-based Ecological Network Analysis for Embodied Carbon Network in China. Energy Procedia, 2016, 104, 574-579.	1.8	6
117	Inter-country Energy Trade Analysis Based on Ecological Network Analysis. Energy Procedia, 2016, 104, 580-584.	1.8	5
118	Energy-based sustainability evaluation of wind power generation systems. Applied Energy, 2016, 177, 239-246.	10.1	43
119	Tracking Inter-Regional Carbon Flows: A Hybrid Network Model. Environmental Science & Technology, 2016, 50, 4731-4741.	10.0	94
120	Extended Exergy Accounting for Karachi. Energy Procedia, 2016, 88, 52-57.	1.8	3
121	Energy-Water Nexus in Urban Industrial System. Energy Procedia, 2016, 88, 212-217.	1.8	17
122	LCA-based Carbon Footprint of a Typical Wind Farm in China. Energy Procedia, 2016, 88, 250-256.	1.8	13
123	Water-energy Control Relationship in Socio-economic System. Energy Procedia, 2016, 88, 285-289.	1.8	1
124	The Evolution of Cities: "Brains" or "Parasites" of Sustainable Production and Consumption Processes in China. Energy Procedia, 2016, 88, 218-223.	1.8	2
125	Accounting of SO2 Emissions from Combustion in Industrial Boilers. Energy Procedia, 2016, 88, 325-329.	1.8	10
126	Carbon footprint accounting of a typical wind farm in China. Applied Energy, 2016, 180, 416-423.	10.1	45

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127	Scarce Water Footprint of Energy Production in China. <i>Energy Procedia</i> , 2016, 88, 176-181.	1.8	4
128	Energyâ€“water nexus of urban agglomeration based on multiregional inputâ€“output tables and ecological network analysis: A case study of the Beijingâ€“Tianjinâ€“Hebei region. <i>Applied Energy</i> , 2016, 178, 773-783.	10.1	223
129	Energy consumption for water use cycles in different countries: A review. <i>Applied Energy</i> , 2016, 178, 868-885.	10.1	218
130	Modelling Carbon-energy Metabolism of Cities: A Systems Approach. <i>Energy Procedia</i> , 2016, 88, 31-37.	1.8	8
131	Energy-based Cost-benefit Analysis for Urban Biogas Project. <i>Energy Procedia</i> , 2016, 88, 119-125.	1.8	5
132	Energy, ecology and environment: a nexus perspective. <i>Energy, Ecology and Environment</i> , 2016, 1, 1-2.	3.9	38
133	Ecological network analysis of embodied particulate matter 2.5 â€“ A case study of Beijing. <i>Applied Energy</i> , 2016, 184, 882-888.	10.1	46
134	Linking Local Consumption to Global Impacts. <i>Journal of Industrial Ecology</i> , 2016, 20, 382-386.	5.5	26
135	Urban energyâ€“water nexus: A network perspective. <i>Applied Energy</i> , 2016, 184, 905-914.	10.1	274
136	Recent trend of industrial emissions in developing countries. <i>Applied Energy</i> , 2016, 166, 187-190.	10.1	23
137	Energyâ€“water nexus of wind power generation systems. <i>Applied Energy</i> , 2016, 169, 1-13.	10.1	92
138	Comparing national environmental and economic performances through energy sustainability indicators: Moving environmental ethics beyond anthropocentrism toward ecocentrism. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 58, 1532-1542.	16.4	45
139	Ecological network analysis of the virtual water network within Chinaâ€™s electric power system during 2007â€“2012. <i>Applied Energy</i> , 2016, 168, 110-121.	10.1	62
140	Targeted opportunities to address the climateâ€“trade dilemma in China. <i>Nature Climate Change</i> , 2016, 6, 201-206.	18.8	206
141	Life-cycle environmental impact analysis of a typical cement production chain. <i>Applied Energy</i> , 2016, 164, 916-923.	10.1	71
142	Prevention and control policy analysis for energy-related regional pollution management in China. <i>Applied Energy</i> , 2016, 166, 292-300.	10.1	106
143	Energy Analysis and Assessment for a High-end Industrial Park. <i>Energy Procedia</i> , 2015, 75, 2953-2956.	1.8	4
144	Carbon Metabolism in Urban Communities. <i>Energy Procedia</i> , 2015, 75, 2969-2973.	1.8	9

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145	Estimating Energy Consumption of Transport Modes in China Using DEA. Sustainability, 2015, 7, 4225-4239.	3.2	51
146	Embodiment of virtual water of power generation in the electric power system in China. Applied Energy, 2015, 151, 345-354.	10.1	78
147	Two-scale analysis for environmental dispersion in a two-layer wetland. Physics and Chemistry of the Earth, 2015, 89-90, 91-95.	2.9	2
148	Ecological Network Analysis for Carbon Metabolism of Eco-industrial Parks: A Case Study of a Typical Eco-industrial Park in Beijing. Environmental Science & Technology, 2015, 49, 7254-7264.	10.0	113
149	Energy and material flows of megacities. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5985-5990.	7.1	371
150	Trans-boundary total suspended particulate matter (TSPM) in urban ecosystems. Ecological Modelling, 2015, 318, 59-63.	2.5	20
151	Ecological Network Analysis for a Virtual Water Network. Environmental Science & Technology, 2015, 49, 6722-6730.	10.0	123
152	Designing a multi-species spatially explicit nature reserve network construction framework based on extinction probability: A case study of Wuyishan city. Ecological Modelling, 2015, 318, 109-117.	2.5	2
153	Nonzero-Sum Relationships in Mitigating Urban Carbon Emissions: A Dynamic Network Simulation. Environmental Science & Technology, 2015, 49, 11594-11603.	10.0	113
154	Integrated ecological modelling for sustainable urban metabolism and management. Ecological Modelling, 2015, 318, 1-4.	2.5	15
155	Urban nexus: A new paradigm for urban studies. Ecological Modelling, 2015, 318, 5-7.	2.5	28
156	Urban metabolism and nexus. Ecological Informatics, 2015, 26, 1-2.	5.2	30
157	Scenarios for sewage sludge reduction and reuse in clinker production towards regional eco-industrial development: a comparative energy-based assessment. Journal of Cleaner Production, 2015, 103, 371-383.	9.3	51
158	Urban energy consumption: Different insights from energy flow analysis, input-output analysis and ecological network analysis. Applied Energy, 2015, 138, 99-107.	10.1	293
159	Assessing the cumulative environmental impact of hydropower construction on river systems based on energy network model. Renewable and Sustainable Energy Reviews, 2015, 42, 78-92.	16.4	85
160	Sustainability-based economic and ecological evaluation of a rural biogas-linked agro-ecosystem. Renewable and Sustainable Energy Reviews, 2015, 41, 347-355.	16.4	51
161	A review of industrial symbiosis research: theory and methodology. Frontiers of Earth Science, 2015, 9, 91-104.	2.1	37
162	Urban Studies Based on Emergy – A Review in Perspective of Causality. Energy Procedia, 2014, 61, 2546-2549.	1.8	9

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163	A Hybrid Life-cycle Assessment of CO2 Emissions of a PV Water Pumping System in China. Energy Procedia, 2014, 61, 2871-2875.	1.8	16
164	Embodied Water Consumption of Biogas“digestate Utilization. Energy Procedia, 2014, 61, 615-618.	1.8	4
165	Extended exergy based ecological accounting for the transportation sector in China. Renewable and Sustainable Energy Reviews, 2014, 32, 229-237.	16.4	31
166	Integration of energy, ecology and environment. Frontiers of Earth Science, 2014, 8, 1-2.	2.1	7
167	Energy efficiency and sustainability of complex biogas systems: A 3-level emergetic evaluation. Applied Energy, 2014, 115, 151-163.	10.1	45
168	Urban ecosystem modeling and global change: Potential for rational urban management and emissions mitigation. Environmental Pollution, 2014, 190, 139-149.	7.5	132
169	Emergy analysis of a biogas-linked agricultural system in rural China “ A case study in Gongcheng Yao Autonomous County. Applied Energy, 2014, 118, 173-182.	10.1	65
170	Analysis of urban metabolic processes based on input-output method: model development and a case study for Beijing. Frontiers of Earth Science, 2014, 8, 190-201.	2.1	11
171	Emergy-based dynamic mechanisms of urban development, resource consumption and environmental impacts. Ecological Modelling, 2014, 271, 90-102.	2.5	72
172	Assessment of energy security in China based on ecological network analysis: A perspective from the security of crude oil supply. Energy Policy, 2014, 74, 406-413.	8.8	62
173	Ecological Accounting Based on Extended Exergy: A Sustainability Perspective. Environmental Science & Technology, 2014, 48, 9826-9833.	10.0	37
174	Driving Force Analysis of the Agricultural Water Footprint in China Based on the LMDI Method. Environmental Science & Technology, 2014, 48, 12723-12731.	10.0	135
175	Network environ analysis for socio-economic water system. Ecological Indicators, 2014, 47, 80-88.	6.3	47
176	Indicators for an expanded business operations model to evaluate eco-smart corporate communities. Ecological Indicators, 2014, 47, 137-148.	6.3	10
177	Eco-indicators for urban metabolism. Ecological Indicators, 2014, 47, 5-6.	6.3	14
178	Dynamic monitoring of wetland cover changes using time-series remote sensing imagery. Ecological Informatics, 2014, 24, 17-26.	5.2	83
179	Global warming impact assessment of a crop residue gasification project“ A dynamic LCA perspective. Applied Energy, 2014, 122, 269-279.	10.1	74
180	Ecological accounting for China based on extended exergy. Renewable and Sustainable Energy Reviews, 2014, 37, 334-347.	16.4	49

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181	Driving force analysis of water footprint change based on extended STIRPAT model: Evidence from the Chinese agricultural sector. <i>Ecological Indicators</i> , 2014, 47, 43-49.	6.3	116
182	Carbon footprint estimation of Chinese economic sectors based on a three-tier model. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 29, 499-507.	16.4	22
183	Extending the Application of Network Analysis to Ecological Risk Assessment for Aquatic Ecosystems. <i>Developments in Environmental Modelling</i> , 2014, 26, 161-183.	0.3	0
184	Social network analysis and network connectedness analysis for industrial symbiotic systems: model development and case study. <i>Frontiers of Earth Science</i> , 2013, 7, 169-181.	2.1	38
185	Net energy production and emissions mitigation of domestic wastewater treatment system: A comparison of different biogas sludge use alternatives. <i>Bioresource Technology</i> , 2013, 144, 296-303.	9.6	56
186	Urban energy consumption and related carbon emission estimation: a study at the sector scale. <i>Frontiers of Earth Science</i> , 2013, 7, 480-486.	2.1	15
187	Chlorophyll a Simulation in a Lake Ecosystem Using a Model with Wavelet Analysis and Artificial Neural Network. <i>Environmental Management</i> , 2013, 51, 1044-1054.	2.7	29
188	Urban public health assessment and pattern analysis: comparison of four cities in different countries. <i>Frontiers of Earth Science</i> , 2013, 7, 191-198.	2.1	2
189	Life cycle assessment of coupling household biogas production to agricultural industry: A case study of biogas-linked persimmon cultivation and processing system. <i>Energy Policy</i> , 2013, 62, 707-716.	8.8	39
190	Modelling a thermodynamic-based comparative framework for urban sustainability: Incorporating economic and ecological losses into emergy analysis. <i>Ecological Modelling</i> , 2013, 252, 280-287.	2.5	39
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