

Bin Chen

List of Publications by Year in descending order

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151
papers

6,436
citations

53751

45
h-index

82499

72
g-index

153
all docs

153
docs citations

153
times ranked

4040
citing authors

#	ARTICLE	IF	CITATIONS
1	Global trade network and CH ₄ emission outsourcing. <i>Science of the Total Environment</i> , 2022, 803, 150008.	3.9	14
2	A Review of Hydraulic Fracturing Simulation. <i>Archives of Computational Methods in Engineering</i> , 2022, 29, 1-58.	6.0	77
3	Identifying the critical paths and sectors for carbon transfers driven by global consumption in 2015. <i>Applied Energy</i> , 2022, 306, 118137.	5.1	21
4	Tracking the carbon footprint of China's coal-fired power system. <i>Resources, Conservation and Recycling</i> , 2022, 177, 105964.	5.3	35
5	Isolation and algicidal properties study of the strain G1 from reservoir sediments. <i>Water Science and Technology: Water Supply</i> , 2022, 22, 3374-3386.	1.0	2
6	China's power transformation may drastically change employment patterns in the power sector and its upstream supply chains. <i>Environmental Research Letters</i> , 2022, 17, 065005.	2.2	10
7	Examining the Sensitivity of Global CO ₂ Emissions to Trade Restrictions over Multiple Years. <i>Environmental Science and Technology Letters</i> , 2022, 9, 293-298.	3.9	2
8	The co-benefits of clean air and low-carbon policies on heavy metal emission reductions from coal-fired power plants in china. <i>Resources, Conservation and Recycling</i> , 2022, 181, 106258.	5.3	28
9	The effects of the Promoting the Big and Quashing the Small Policy on pollutants from a coal power supply chain perspective. <i>Journal of Environmental Management</i> , 2022, 313, 114960.	3.8	7
10	Multiple accounting and driving factors of water resources use: A case study of Shanghai. <i>Journal of Environmental Management</i> , 2022, 313, 114929.	3.8	8
11	Effects of ecological restoration on carbon sink and carbon drawdown of degraded salt marshes with carbon-rich additives application. <i>Land Degradation and Development</i> , 2022, 33, 2103-2114.	1.8	6
12	Identification of Priority Areas for Improving Urban Ecological Carrying Capacity: Based on Supply-Demand Matching of Ecosystem Services. <i>Land</i> , 2022, 11, 698.	1.2	5
13	Control of Endogenous Phosphorus Release at the Sediment-Water Interface by Lanthanum-Modified Fly Ash. <i>Coatings</i> , 2022, 12, 719.	1.2	2
14	Effects of dissolved oxygen on phosphorus transformation in reservoir sediments: novel insights on bacterial community and functional genes. <i>Journal of Soils and Sediments</i> , 2022, 22, 2094-2104.	1.5	6
15	Energy-pollutant nexus for wastewater treatment in China based on multi-regional input-output analysis. <i>Journal of Cleaner Production</i> , 2022, 363, 132490.	4.6	7
16	Tracking embodied water uses and GHG emissions along Chinese supply chains. <i>Journal of Cleaner Production</i> , 2021, 288, 125590.	4.6	6
17	Drivers of energy-related PM _{2.5} emissions in the Jing-Jin-Ji region between 2002 and 2015. <i>Applied Energy</i> , 2021, 288, 116668.	5.1	20
18	China's forest land use change in the globalized world economy: Foreign trade and unequal household consumption. <i>Land Use Policy</i> , 2021, 103, 105324.	2.5	14

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19	Embodied greenhouse gas emissions from building China's large-scale power transmission infrastructure. <i>Nature Sustainability</i> , 2021, 4, 739-747.	11.5	84
20	Can constructed wetlands be more land efficient than centralized wastewater treatment systems? A case study based on direct and indirect land use. <i>Science of the Total Environment</i> , 2021, 770, 144841.	3.9	11
21	Population ageing and deaths attributable to ambient PM _{2.5} pollution: a global analysis of economic cost. <i>Lancet Planetary Health</i> , The, 2021, 5, e356-e367.	5.1	63
22	Rapidly changing coal-related city-level atmospheric mercury emissions and their driving forces. <i>Journal of Hazardous Materials</i> , 2021, 411, 125060.	6.5	19
23	Shifting from fossil-based economy to bio-based economy: Status quo, challenges, and prospects. <i>Energy</i> , 2021, 228, 120533.	4.5	66
24	Identifying critical sectors and supply chain paths for virtual water and energy-related water trade in China. <i>Applied Energy</i> , 2021, 299, 117294.	5.1	10
25	The global oil supply chain: The essential role of non-oil product as revealed by a comparison between physical and virtual oil trade patterns. <i>Resources, Conservation and Recycling</i> , 2021, 175, 105836.	5.3	10
26	Unraveling energy-water nexus paths in urban agglomeration: A case study of Beijing-Tianjin-Hebei. <i>Applied Energy</i> , 2021, 304, 117924.	5.1	22
27	An extended overview of natural gas use embodied in world economy and supply chains: Policy implications from a time series analysis. <i>Energy Policy</i> , 2020, 137, 111068.	4.2	31
28	Global water use associated with energy supply, demand and international trade of China. <i>Applied Energy</i> , 2020, 257, 113992.	5.1	36
29	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.	4.6	12
30	A city-level inventory for atmospheric mercury emissions from coal combustion in China. <i>Atmospheric Environment</i> , 2020, 223, 117245.	1.9	25
31	Identifying hotspots of sectors and supply chain paths for electricity conservation in China. <i>Journal of Cleaner Production</i> , 2020, 251, 119653.	4.6	27
32	Embodied energy in service industry in global cities: A study of six Asian cities. <i>Land Use Policy</i> , 2020, 91, 104264.	2.5	16
33	Energy perspective of Sino-US trade imbalance in global supply chains. <i>Energy Economics</i> , 2020, 92, 104959.	5.6	20
34	A 2015 inventory of embodied carbon emissions for Chinese power transmission infrastructure projects. <i>Scientific Data</i> , 2020, 7, 318.	2.4	18
35	China's retrofitting measures in coal-fired power plants bring significant mercury-related health benefits. <i>One Earth</i> , 2020, 3, 777-787.	3.6	37
36	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.	3.8	27

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37	Ecological risk assessment of wetland vegetation under projected climate scenarios in the Sanjiang Plain, China. <i>Journal of Environmental Management</i> , 2020, 273, 111108.	3.8	29
38	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.	3.9	13
39	Physical and virtual carbon metabolism of global cities. <i>Nature Communications</i> , 2020, 11, 182.	5.8	62
40	Does the prohibition on open burning of straw mitigate air pollution? An empirical study in Jilin Province of China in the post-harvest season. <i>Journal of Environmental Management</i> , 2020, 264, 110451.	3.8	31
41	Photocatalytic hydrogen evolution over nickel cobalt bimetallic phosphate anchored graphitic carbon nitrides by regulation of the d-band electronic structure. <i>Catalysis Science and Technology</i> , 2020, 10, 3654-3663.	2.1	9
42	Global Urban Carbon Networks: Linking Inventory to Modeling. <i>Environmental Science & Technology</i> , 2020, 54, 5790-5801.	4.6	20
43	An embodied energy perspective of urban economy: A three-scale analysis for Beijing 2002â€“2012 with headquarter effect. <i>Science of the Total Environment</i> , 2020, 732, 139097.	3.9	16
44	Environmental impacts of rice production analyzed via social capital development: An Iranian case study with a life cycle assessment/data envelopment analysis approach. <i>Ecological Indicators</i> , 2019, 105, 675-687.	2.6	12
45	Evolution of the life cycle primary PM2.5 emissions in globalized production systems. <i>Environment International</i> , 2019, 131, 104996.	4.8	14
46	Evolution of methane emissions in global supply chains during 2000-2012. <i>Resources, Conservation and Recycling</i> , 2019, 150, 104414.	5.3	25
47	Disparities in socio-economic drivers behind China's provincial energy-related mercury emission changes. <i>Journal of Environmental Management</i> , 2019, 251, 109613.	3.8	15
48	Comparative Life Cycle Assessment of Mobile Power Banks with Lithium-Ion Battery and Lithium-Ion Polymer Battery. <i>Sustainability</i> , 2019, 11, 5148.	1.6	11
49	A three-scale input-output analysis of blue and grey water footprint for Beijing-Tianjin-Hebei Urban Agglomeration. <i>Energy Procedia</i> , 2019, 158, 4049-4054.	1.8	11
50	Worldwide energy use across global supply chains: Decoupled from economic growth?. <i>Applied Energy</i> , 2019, 250, 1235-1245.	5.1	89
51	Clean air for some: Unintended spillover effects of regional air pollution policies. <i>Science Advances</i> , 2019, 5, eaav4707.	4.7	126
52	Energy-induced mercury emissions in global supply chain networks: Structural characteristics and policy implications. <i>Science of the Total Environment</i> , 2019, 670, 87-97.	3.9	43
53	Dynamic Carbon Emission Linkages Across Boundaries. <i>Earth's Future</i> , 2019, 7, 197-209.	2.4	29
54	Drivers of CO2 emissions from power generation in China based on modified structural decomposition analysis. <i>Journal of Cleaner Production</i> , 2019, 220, 1143-1155.	4.6	84

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55	How Green Transition of Energy System Impacts China's Mercury Emissions. <i>Earth's Future</i> , 2019, 7, 1407-1416.	2.4	68
56	Interdependence between energy and metals in China: evidence from a nexus perspective. <i>Journal of Cleaner Production</i> , 2019, 214, 345-355.	4.6	26
57	Natural gas overview for world economy: From primary supply to final demand via global supply chains. <i>Energy Policy</i> , 2019, 124, 215-225.	4.2	96
58	Oil Prices and Chinese Stock Market: Nonlinear Causality and Volatility Persistence. <i>Emerging Markets Finance and Trade</i> , 2019, 55, 1247-1263.	1.7	70
59	China's rural human settlements: Qualitative evaluation, quantitative analysis and policy implications. <i>Ecological Indicators</i> , 2019, 105, 398-405.	2.6	79
60	Future trends in nanotechnology aiming environmental applications. <i>Energy, Ecology and Environment</i> , 2018, 3, 69-71.	1.9	10
61	Asymmetric Impact of Oil Price Shock on Stock Market in China: A Combination Analysis Based on SVAR Model and NARDL Model. <i>Emerging Markets Finance and Trade</i> , 2018, 54, 1693-1705.	1.7	94
62	Trade reshapes the regional energy related mercury emissions: A case study on Hubei Province based on a multi-scale input-output analysis. <i>Journal of Cleaner Production</i> , 2018, 185, 75-85.	4.6	12
63	Environmental impact analysis of nitrogen cross-media metabolism: A case study of municipal solid waste treatment system in China. <i>Science of the Total Environment</i> , 2018, 618, 810-818.	3.9	16
64	Global land-water nexus: Agricultural land and freshwater use embodied in worldwide supply chains. <i>Science of the Total Environment</i> , 2018, 613-614, 931-943.	3.9	93
65	Multiregional input-output and ecological network analyses for regional energy-water nexus within China. <i>Applied Energy</i> , 2018, 227, 353-364.	5.1	83
66	Global energy flows embodied in international trade: A combination of environmentally extended input-output analysis and complex network analysis. <i>Applied Energy</i> , 2018, 210, 98-107.	5.1	233
67	GHG emissions embodied in Macao's internal energy consumption and external trade: Driving forces via decomposition analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 4100-4106.	8.2	52
68	Socioeconomic determinants of China's growing CH ₄ emissions. <i>Journal of Environmental Management</i> , 2018, 228, 103-116.	3.8	26
69	Consumption-based greenhouse gas emissions accounting with capital stock change highlights dynamics of fast-developing countries. <i>Nature Communications</i> , 2018, 9, 3581.	5.8	87
70	Tracking carbon transfers embodied in Chinese municipalities' domestic and foreign trade. <i>Journal of Cleaner Production</i> , 2018, 192, 950-960.	4.6	50
71	How external trade reshapes air pollutants emission profile of an urban economy: A case study of Macao. <i>Ecological Indicators</i> , 2018, 94, 74-82.	2.6	53
72	Carbon emissions and their drivers for a typical urban economy from multiple perspectives: A case analysis for Beijing city. <i>Applied Energy</i> , 2018, 226, 1076-1086.	5.1	125

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73	Public participation in achieving sustainable development goals in China: Evidence from the practice of air pollution control. <i>Journal of Cleaner Production</i> , 2018, 201, 499-506.	4.6	116
74	Driving factors of carbon dioxide emissions in China: an empirical study using 2006-2010 provincial data. <i>Frontiers of Earth Science</i> , 2017, 11, 156-161.	0.9	31
75	Linkage analysis for the water-energy nexus of city. <i>Applied Energy</i> , 2017, 189, 770-779.	5.1	207
76	A three-scale input-output analysis of water use in a regional economy: Hebei province in China. <i>Journal of Cleaner Production</i> , 2017, 156, 962-974.	4.6	40
77	Changing Urban Carbon Metabolism over Time: Historical Trajectory and Future Pathway. <i>Environmental Science & Technology</i> , 2017, 51, 7560-7571.	4.6	55
78	Coal use for world economy: Provision and transfer network by multi-region input-output analysis. <i>Journal of Cleaner Production</i> , 2017, 143, 125-144.	4.6	68
79	Urban economy's carbon flow through external trade: Spatial-temporal evolution for Macao. <i>Energy Policy</i> , 2017, 110, 69-78.	4.2	40
80	Water-energy Nexus in China's Electric Power System. <i>Energy Procedia</i> , 2017, 105, 3972-3977.	1.8	28
81	Decoupling analysis on energy consumption, embodied GHG emissions and economic growth – The case study of Macao. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 67, 662-672.	8.2	103
82	China's energy-related mercury emissions: Characteristics, impact of trade and mitigation policies. <i>Journal of Cleaner Production</i> , 2017, 141, 1259-1266.	4.6	60
83	Energy-water nexus of international energy trade of China. <i>Applied Energy</i> , 2017, 194, 725-734.	5.1	106
84	Tracking mercury emission flows in the global supply chains: A multi-regional input-output analysis. <i>Journal of Cleaner Production</i> , 2017, 140, 1470-1492.	4.6	76
85	The impact of trade on fuel-related mercury emissions in Beijing – evidence from three-scale input-output analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 75, 742-752.	8.2	30
86	Embodied energy analysis for coal-based power generation system-highlighting the role of indirect energy cost. <i>Applied Energy</i> , 2016, 184, 936-950.	5.1	59
87	Tracking Inter-Regional Carbon Flows: A Hybrid Network Model. <i>Environmental Science & Technology</i> , 2016, 50, 4731-4741.	4.6	94
88	Energy-water nexus of urban agglomeration based on multiregional input-output tables and ecological network analysis: A case study of the Beijing-Tianjin-Hebei region. <i>Applied Energy</i> , 2016, 178, 773-783.	5.1	223
89	An overview of mercury emissions by global fuel combustion: The impact of international trade. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 65, 345-355.	8.2	64
90	Energy, ecology and environment: a nexus perspective. <i>Energy, Ecology and Environment</i> , 2016, 1, 1-2.	1.9	38

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91	Urban energy-water nexus: A network perspective. <i>Applied Energy</i> , 2016, 184, 905-914.	5.1	274
92	Energy-water nexus of wind power generation systems. <i>Applied Energy</i> , 2016, 169, 1-13.	5.1	92
93	Ecological network analysis of the virtual water network within China's electric power system during 2007-2012. <i>Applied Energy</i> , 2016, 168, 110-121.	5.1	62
94	Targeted opportunities to address the climate-trade dilemma in China. <i>Nature Climate Change</i> , 2016, 6, 201-206.	8.1	206
95	A Structurally Simplified Hybrid Model of Genetic Algorithm and Support Vector Machine for Prediction of Chlorophyll a in Reservoirs. <i>Water (Switzerland)</i> , 2015, 7, 1610-1627.	1.2	18
96	A Model of Solar Radiation and Joule Heating in Flow of Third Grade Nanofluid. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2015, 70, 177-184.	0.7	26
97	Embodiment of virtual water of power generation in the electric power system in China. <i>Applied Energy</i> , 2015, 151, 345-354.	5.1	78
98	Asymptotic analysis of Painlevé's paradox. <i>Multibody System Dynamics</i> , 2015, 35, 299-319.	1.7	13
99	Ecological Network Analysis for Carbon Metabolism of Eco-industrial Parks: A Case Study of a Typical Eco-industrial Park in Beijing. <i>Environmental Science & Technology</i> , 2015, 49, 7254-7264.	4.6	113
100	Ecological Network Analysis for a Virtual Water Network. <i>Environmental Science & Technology</i> , 2015, 49, 6722-6730.	4.6	123
101	Nonzero-Sum Relationships in Mitigating Urban Carbon Emissions: A Dynamic Network Simulation. <i>Environmental Science & Technology</i> , 2015, 49, 11594-11603.	4.6	113
102	Urban energy consumption: Different insights from energy flow analysis, input-output analysis and ecological network analysis. <i>Applied Energy</i> , 2015, 138, 99-107.	5.1	293
103	A review of industrial symbiosis research: theory and methodology. <i>Frontiers of Earth Science</i> , 2015, 9, 91-104.	0.9	37
104	Closure to GA-Based Support Vector Machine Model for the Prediction of Monthly Reservoir Storage by Jieqiong Su, Xuan Wang, Yong Liang, and Bin Chen. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015, 20, 07014010.	0.8	0
105	GA-Based Support Vector Machine Model for the Prediction of Monthly Reservoir Storage. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014, 19, 1430-1437.	0.8	40
106	Integration of energy, ecology and environment. <i>Frontiers of Earth Science</i> , 2014, 8, 1-2.	0.9	7
107	Transport of a volatile contaminant in a free-surface wetland flow. <i>Frontiers of Earth Science</i> , 2014, 8, 115-122.	0.9	2
108	Urban ecosystem modeling and global change: Potential for rational urban management and emissions mitigation. <i>Environmental Pollution</i> , 2014, 190, 139-149.	3.7	132

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109	Analysis of urban metabolic processes based on input-output method: model development and a case study for Beijing. <i>Frontiers of Earth Science</i> , 2014, 8, 190-201.	0.9	11
110	Network environ analysis for socio-economic water system. <i>Ecological Indicators</i> , 2014, 47, 80-88.	2.6	47
111	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.	0.9	38
112	Urban energy consumption and related carbon emission estimation: a study at the sector scale. <i>Frontiers of Earth Science</i> , 2013, 7, 480-486.	0.9	15
113	Urban public health assessment and pattern analysis: comparison of four cities in different countries. <i>Frontiers of Earth Science</i> , 2013, 7, 191-198.	0.9	2
114	Evaluation of a Low-Carbon City: Method and Application. <i>Entropy</i> , 2013, 15, 1171-1185.	1.1	46
115	Urban Ecosystem Health Assessment and Its Application in Management: A Multi-Scale Perspective. <i>Entropy</i> , 2013, 15, 1-9.	1.1	17
116	Emergy Evaluation of the Urban Solid Waste Handling in Liaoning Province, China. <i>Energies</i> , 2013, 6, 5486-5506.	1.6	34
117	Greenhouse Gas Inventory of a Typical High-End Industrial Park in China. <i>Scientific World Journal</i> , The, 2013, 2013, 1-7.	0.8	10
118	Changing Lifestyles Towards a Low Carbon Economy: An IPAT Analysis for China. <i>Energies</i> , 2012, 5, 22-31.	1.6	72
119	Low-Carbon Development Patterns: Observations of Typical Chinese Cities. <i>Energies</i> , 2012, 5, 291-304.	1.6	46
120	Decomposition Analysis of the Mechanism Behind the Spatial and Temporal Patterns of Changes in Carbon Bio-Sequestration in China. <i>Energies</i> , 2012, 5, 386-398.	1.6	12
121	Transport of Bicomponent Contaminant in Free-Surface Wetland Flow. <i>Journal of Hydrodynamics</i> , 2012, 24, 925-929.	1.3	12
122	Changes of wetland landscape patterns in Dadu River catchment from 1985 to 2000, China. <i>Frontiers of Earth Science</i> , 2012, 6, 237-249.	0.9	12
123	Evaluating Ecological and Economic Benefits of a Low-Carbon Industrial Park Based on Millennium Ecosystem Assessment Framework. <i>Scientific World Journal</i> , The, 2012, 2012, 1-5.	0.8	10
124	Assessing inter-city ecological and economic relations: An emergy-based conceptual model. <i>Frontiers of Earth Science</i> , 2011, 5, 97-102.	0.9	11
125	Using LMDI method to analyze the change of industrial CO ₂ emission from energy use in Chongqing. <i>Frontiers of Earth Science</i> , 2011, 5, 103-109.	0.9	33
126	A comparative study of Beijing and three global cities: A perspective on urban livability. <i>Frontiers of Earth Science</i> , 2011, 5, 323.	0.9	19

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127	Impacts of biogas projects on agro-ecosystem in rural areas – A case study of Gongcheng. <i>Frontiers of Earth Science</i> , 2011, 5, 317.	0.9	9
128	Water quality modeling for a tidal river network: A case study of the Suzhou River. <i>Frontiers of Earth Science</i> , 2011, 5, 428-431.	0.9	6
129	Analysis of Resource and Emission Impacts: An Emergy-Based Multiple Spatial Scale Framework for Urban Ecological and Economic Evaluation. <i>Entropy</i> , 2011, 13, 720-743.	1.1	24
130	An Efficient Implementation Scheme for the Moving Grid Method Based on Delaunay Graph Mapping. , 2010, , .		2
131	Aeroelastic modeling of wind loading on a cable-net supported glass wall. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2010, 26, 409-415.	1.5	2
132	Application of Visual MODFLOW to assess the Sewage Plant accident pool leakage impact on groundwater in the Guanting Reservoir area of Beijing. <i>Frontiers of Earth Science</i> , 2010, 4, 320-325.	0.5	8
133	Integrated water resource security evaluation of Beijing based on GRA and TOPSIS. <i>Frontiers of Earth Science</i> , 2010, 4, 357-362.	0.5	29
134	A GIS-Based Gradient Analysis on Landscape Pattern of Tongzhou District, Beijing, China. , 2009, , .		0
135	Quantify the landscape effect and environmental sustainability of rural region planning at town scale near metropolis. <i>Frontiers of Earth Science</i> , 2009, 3, 112-117.	0.5	1
136	Township ecosystem health assessment based on fuzzy synthesis evaluation method: a case study of Tongzhou District, Beijing, China. <i>Frontiers of Earth Science</i> , 2009, 3, 312-319.	0.5	3
137	Stress of urban energy consumption on air environment. <i>Frontiers of Earth Science</i> , 2009, 3, 337-348.	0.5	2
138	Study on sustainable water use of the Haihe River Basin using ecological network analysis. <i>Frontiers of Earth Science</i> , 2009, 3, 419-430.	0.5	7
139	The Painlevé paradox studied at a 3D slender rod. <i>Multibody System Dynamics</i> , 2008, 19, 323-343.	1.7	21
140	Response of reed community to the environment gradient-water depth in the Yellow River Delta, China. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2008, 3, 194-202.	0.2	3
141	Dynamics of multi-rigid-body systems under non-smooth constraints and linear complementary problems. <i>International Journal of Computer Mathematics</i> , 2008, 85, 889-898.	1.0	3
142	Boundary recovery after 3D Delaunay tetrahedralization without adding extra nodes. <i>International Journal for Numerical Methods in Engineering</i> , 2007, 72, 744-756.	1.5	15
143	The bouncing motion appearing in a robotic system with unilateral constraint. <i>Nonlinear Dynamics</i> , 2007, 49, 217-232.	2.7	29
144	Sliding state stepping algorithm for solving impact problems of multi-rigid-body system with joint friction. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2007, 28, 1621-1627.	1.9	3

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145	Bifurcation and buckling analysis of a unilaterally confined self-rotating cantilever beam. Acta Mechanica Sinica/Lixue Xuebao, 2006, 22, 177-184.	1.5	4
146	Dynamic behavior of thin rectangular plate attached to moving rigid. Applied Mathematics and Mechanics (English Edition), 2006, 27, 555-566.	1.9	8
147	The numerical method for three-dimensional impact with friction of multi-rigid-body system. Science in China Series G: Physics, Mechanics and Astronomy, 2006, 49, 102-118.	0.2	13
148	Dynamic and buckling analysis of a thin elastic-plastic square plate in a uniform temperature field. Acta Mechanica Sinica/Lixue Xuebao, 2005, 21, 181-186.	1.5	2
149	On Dynamic Behavior of a Cantilever Beam with Tip Mass in a Centrifugal Field. Mechanics Based Design of Structures and Machines, 2005, 33, 79-98.	3.4	8
150	Modelling and bifurcation analysis of internal cantilever beam system on a steadily rotating ring. Science in China Series A: Mathematics, 1998, 41, 527-533.	0.5	4
151	Global properties of linear constraints in state space and motion planning. Science in China Series A: Mathematics, 1997, 40, 745-754.	0.5	0