

Guobao Song

List of Publications by Year in descending order

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36
papers

943
citations

471477

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454934

30
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36
all docs

36
docs citations

36
times ranked

1115
citing authors

#	ARTICLE	IF	CITATIONS
1	Scenario analysis on optimal farmed-fish-species composition in China: A theoretical methodology to benefit wild-fishery stock, water conservation, economic and protein outputs under the context of climate change. <i>Science of the Total Environment</i> , 2022, 806, 150600.	8.0	2
2	The comparative life-cycle environmental effects of chemical feedstock change driven by energy system transition: A case study from China's ethylene glycol industry. <i>Journal of Cleaner Production</i> , 2022, 355, 131764.	9.3	13
3	Photochemistry of dissolved organic matter extracted from coastal seawater: Excited triplet-states and contents of phenolic moieties. <i>Water Research</i> , 2021, 188, 116568.	11.3	40
4	Potential climate benefits of reusable packaging in food delivery services. A Chinese case study. <i>Science of the Total Environment</i> , 2021, 794, 148570.	8.0	25
5	Environmental Burdens of China's Propylene manufacturing: Comparative life-cycle assessment and scenario analysis. <i>Science of the Total Environment</i> , 2021, 799, 149451.	8.0	24
6	Dietary acculturation generates virtual carbon flow: The overlaid effects of geographically varied dietary patterns and population migration in urban and materials-flowing China. <i>Journal of Cleaner Production</i> , 2020, 276, 124283.	9.3	7
7	Decarbonising residential building energy towards achieving the intended nationally determined contribution at subnational level under uncertainties. <i>Journal of Cleaner Production</i> , 2020, 272, 122760.	9.3	8
8	Shift from feeding to sustainably nourishing urban China: A crossing-disciplinary methodology for global environment-food-health nexus. <i>Science of the Total Environment</i> , 2019, 647, 716-724.	8.0	32
9	Food access inequalities in Chinese urban neighborhoods: a case study of the Dalian development zone. <i>Food Security</i> , 2019, 11, 1087-1099.	5.3	9
10	Life Cycle Assessment of a solar thermal system in Spain, eco-design alternatives and derived climate change scenarios at Spanish and Chinese National levels. <i>Sustainable Cities and Society</i> , 2019, 47, 101467.	10.4	25
11	Climatic burden of eating at home against away-from-home: A novel Bayesian Belief Network model for the mechanism of eating-out in urban China. <i>Science of the Total Environment</i> , 2019, 650, 224-232.	8.0	14
12	The potential water-food-health nexus in urban China: A comparative study on dietary changes at home and away from home. <i>Science of the Total Environment</i> , 2019, 657, 1173-1182.	8.0	8
13	The Spanish Dietary Guidelines: A potential tool to reduce greenhouse gas emissions of current dietary patterns. <i>Journal of Cleaner Production</i> , 2019, 213, 588-598.	9.3	61
14	Chinese household food waste and its climatic burden driven by urbanization: A Bayesian Belief Network modelling for reduction possibilities in the context of global efforts. <i>Journal of Cleaner Production</i> , 2018, 202, 916-924.	9.3	53
15	Water footprint of feed required by farmed fish in China based on a Monte Carlo-supported von Bertalanffy growth model: A policy implication. <i>Journal of Cleaner Production</i> , 2017, 153, 41-50.	9.3	22
16	Prediction of future malaria hotspots under climate change in sub-Saharan Africa. <i>Climatic Change</i> , 2017, 143, 415-428.	3.6	20
17	Dietary changes to mitigate climate change and benefit public health in China. <i>Science of the Total Environment</i> , 2017, 577, 289-298.	8.0	82
18	A Bayesian belief network modelling of household factors influencing the risk of malaria: A study of parasitaemia in children under five years of age in sub-Saharan Africa. <i>Environmental Modelling and Software</i> , 2016, 75, 59-67.	4.5	25

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19	Modelling the policies of optimal straw use for maximum mitigation of climate change in China from a system perspective. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 55, 789-810.	16.4	21
20	Comprehensive assessment and hierarchical management of the sustainable utilization of urban water resources based on catastrophe theory. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 60, 430-437.	5.3	33
21	Carbon footprint of a scientific publication: A case study at Dalian University of Technology, China. <i>Ecological Indicators</i> , 2016, 60, 275-282.	6.3	23
22	A Study on the Construction of Eco-corridor Based on Nature Reserves. , 2016, , .		0
23	Assessing Major Accident Risks to Support Land-Use Planning Using a Severity-Vulnerability Combination Method: A Case Study in Dagushan Peninsula, China. <i>Risk Analysis</i> , 2015, 35, 1503-1519.	2.7	7
24	Potential of household environmental resources and practices in eliminating residual malaria transmission: a case study of Tanzania, Burundi, Malawi and Liberia. <i>African Health Sciences</i> , 2015, 15, 819.	0.7	13
25	Food consumption and waste and the embedded carbon, water and ecological footprints of households in China. <i>Science of the Total Environment</i> , 2015, 529, 191-197.	8.0	187
26	A dynamic model for population mapping: a methodology integrating a Monte Carlo simulation with vegetation-adjusted night-time light images. <i>International Journal of Remote Sensing</i> , 2015, 36, 4054-4068.	2.9	15
27	Assessment of ecological vulnerability and decision-making application for prioritizing roadside ecological restoration: A method combining geographic information system, Delphi survey and Monte Carlo simulation. <i>Ecological Indicators</i> , 2015, 52, 57-65.	6.3	53
28	Quantitative modeling of freshwater stress in the nine water basins of Tanzania. <i>Chinese Journal of Population Resources and Environment</i> , 2014, 12, 309-315.	1.5	2
29	Estimation of crop residue in China based on a Monte Carlo analysis. <i>Chinese Journal of Population Resources and Environment</i> , 2014, 12, 88-94.	1.5	7
30	Risk Assessment and Hierarchical Risk Management of Enterprises in Chemical Industrial Parks Based on Catastrophe Theory. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 4386-4402.	2.6	17
31	Diffusion leakage model study on chemical materials taking Liquid Ammonia as an example. , 2011, , .		0
32	A review on regional environmental risk study. , 2011, , .		1
33	Analysis of land use change and its driving force in the Longitudinal Range-Gorge Region. <i>Science Bulletin</i> , 2007, 52, 10-20.	1.7	18
34	Comprehensive analysis of the impact of climatic changes on Chinese terrestrial net primary productivity. <i>Science Bulletin</i> , 2007, 52, 3253-3260.	1.7	53
35	Study on the spatial differences and its time lag effect on climatic factors of the vegetation in the Longitudinal Range-Gorge Region. <i>Science Bulletin</i> , 2007, 52, 42-49.	1.7	14
36	Spatial distribution regularity and influence factors of population density in the LRGR. <i>Science Bulletin</i> , 2007, 52, 90-97.	1.7	9