Guobao Song

List of Publications by Year
in descending order

36 papers	943 citations	471477 17 h-index	454934 30 g-index
36 all docs	36 docs citations	36 times ranked	1115 citing authors

#	Article	IF	Citations
1	Food consumption and waste and the embedded carbon, water and ecological footprints of households in China. Science of the Total Environment, 2015, 529, 191-197.	8.0	187
2	Dietary changes to mitigate climate change and benefit public health in China. Science of the Total Environment, 2017, 577, 289-298.	8.0	82
3	The Spanish Dietary Guidelines: A potential tool to reduce greenhouse gas emissions of current dietary patterns. Journal of Cleaner Production, 2019, 213, 588-598.	9.3	61
4	Comprehensive analysis of the impact of climatic changes on Chinese terrestrial net primary productivity. Science Bulletin, 2007, 52, 3253-3260.	1.7	53
5	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. Ecological Indicators, 2015, 52, 57-65.	6.3	53
6	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. Journal of Cleaner Production, 2018, 202, 916-924.	9.3	53
7	Photochemistry of dissolved organic matter extracted from coastal seawater: Excited triplet-states and contents of phenolic moieties. Water Research, 2021, 188, 116568.	11.3	40
8	Comprehensive assessment and hierarchical management of the sustainable utilization of urban water resources based on catastrophe theory. Journal of the Taiwan Institute of Chemical Engineers, 2016, 60, 430-437.	5.3	33
9	Shift from feeding to sustainably nourishing urban China: A crossing-disciplinary methodology for global environment-food-health nexus. Science of the Total Environment, 2019, 647, 716-724.	8.0	32
10	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. Environmental Modelling and Software, 2016, 75, 59-67.	4.5	25
11	Life Cycle Assessment of a solar thermal system in Spain, eco-design alternatives and derived climate change scenarios at Spanish and Chinese National levels. Sustainable Cities and Society, 2019, 47, 101467.	10.4	25
12	Potential climate benefits of reusable packaging in food delivery services. A Chinese case study. Science of the Total Environment, 2021, 794, 148570.	8.0	25
13	Environmental Burdens of China's Propylene manufacturing: Comparative life-cycle assessment and scenario analysis. Science of the Total Environment, 2021, 799, 149451.	8.0	24
14	Carbon footprint of a scientific publication: A case study at Dalian University of Technology, China. Ecological Indicators, 2016, 60, 275-282.	6.3	23
15	Water footprint of feed required by farmed fish in China based on a Monte Carlo-supported von Bertalanffy growth model: A policy implication. Journal of Cleaner Production, 2017, 153, 41-50.	9.3	22
16	Modelling the policies of optimal straw use for maximum mitigation of climate change in China from a system perspective. Renewable and Sustainable Energy Reviews, 2016, 55, 789-810.	16.4	21
17	Prediction of future malaria hotspots under climate change in sub-Saharan Africa. Climatic Change, 2017, 143, 415-428.	3.6	20
18	Analysis of land use change and its driving force in the Longitudinal Range-Gorge Region. Science Bulletin, 2007, 52, 10-20.	1.7	18

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19	Risk Assessment and Hierarchical Risk Management of Enterprises in Chemical Industrial Parks Based on Catastrophe Theory. International Journal of Environmental Research and Public Health, 2012, 9, 4386-4402.	2.6	17
20	A dynamic model for population mapping: a methodology integrating a Monte Carlo simulation with vegetation-adjusted night-time light images. International Journal of Remote Sensing, 2015, 36, 4054-4068.	2.9	15
21	Study on the spatial differences and its time lag effect on climatic factors of the vegetation in the Longitudinal Range-Gorge Region. Science Bulletin, 2007, 52, 42-49.	1.7	14
22	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. Science of the Total Environment, 2019, 650, 224-232.	8.0	14
23	Potential of household environmental resources and practices in eliminating residual malaria transmission: a case study of Tanzania, Burundi, Malawi and Liberia. African Health Sciences, 2015, 15, 819.	0.7	13
24	The comparative life-cycle environmental effects of chemical feedstock change driven by energy system transition: A case study from China's ethylene glycol industry. Journal of Cleaner Production, 2022, 355, 131764.	9.3	13
25	Spatial distribution regularity and influence factors of population density in the LRGR. Science Bulletin, 2007, 52, 90-97.	1.7	9
26	Food access inequalities in Chinese urban neighborhoods: a case study of the Dalian development zone. Food Security, 2019, 11, 1087-1099.	5.3	9
27	The potential water-food-health nexus in urban China: A comparative study on dietary changes at home and away from home. Science of the Total Environment, 2019, 657, 1173-1182.	8.0	8
28	Decarbonising residential building energy towards achieving the intended nationally determined contribution at subnational level under uncertainties. Journal of Cleaner Production, 2020, 272, 122760.	9.3	8
29	Estimation of crop residue in China based on a Monte Carlo analysis. Chinese Journal of Population Resources and Environment, 2014, 12, 88-94.	1.5	7
30	Assessing Major Accident Risks to Support Land‐Use Planning Using a Severity‐Vulnerability Combination Method: A Case Study in Dagushan Peninsula, China. Risk Analysis, 2015, 35, 1503-1519.	2.7	7
31	Dietary acculturation generates virtual carbon flow: The overlaid effects of geographically varied dietary patterns and population migration in urban and materials-flowing China. Journal of Cleaner Production, 2020, 276, 124283.	9.3	7
32	Quantitative modeling of freshwater stress in the nine water basins of Tanzania. Chinese Journal of Population Resources and Environment, 2014, 12, 309-315.	1.5	2
33	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. Science of the Total Environment, 2022, 806, 150600.	8.0	2
34	A review on regional environmental risk study. , 2011, , .		1
35	Diffusion leakage model study on chemical materials taking Liquid Ammonia as an example. , 2011, , .		0
36	A Study on the Construction of Eco-corridor Based on Nature Reserves. , 2016, , .		0