Ya Tang

List of Publications by Year
in descending order

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60	2,026	304743 22	254184 43
papers	citations	h-index	g-index

62	62	62	2748
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Air pollution reduction in China: Recent success but great challenge for the future. Science of the Total Environment, 2019, 663, 329-337.	8.0	286
2	Opportunities for biodiversity gains under the worldâ€™s largest reforestation programme. Nature Communications, 2016, 7, 12717.	12.8	230
3	Leaching characteristics of vanadium in mine tailings and soils near a vanadium titanomagnetite mining site. Journal of Hazardous Materials, 2014, 264, 498-504.	12.4	144
4	Biomass and biofuels in China: Toward bioenergy resource potentials and their impacts on the environment. Renewable and Sustainable Energy Reviews, 2018, 82, 2387-2400.	16.4	120
5	Marginal Landâ€based Biomass Energy Production in China. Journal of Integrative Plant Biology, 2010, 52, 112-121.	8.5	110
6	Source apportionment of PM2.5 for 25 Chinese provincial capitals and municipalities using a source-oriented Community Multiscale Air Quality model. Science of the Total Environment, 2018, 612, 462-471.	8.0	78
7	Atmospheric wet deposition of sulfur and nitrogen in Jiuzhaigou National Nature Reserve, Sichuan Province, China. Science of the Total Environment, 2015, 511, 28-36.	8.0	71
8	Improving food waste composting efficiency with mature compost addition. Bioresource Technology, 2022, 349, 126830.	9.6	67
9	Local Farmersâ€™ Perceptions of Climate Change and Local Adaptive Strategies: A Case Study from the Middle Yarlung Zangbo River Valley, Tibet, China. Environmental Management, 2013, 52, 894-906.	2.7	65
10	Aeration rate improves the compost quality of food waste and promotes the decomposition of toxic materials in leachate by changing the bacterial community. Bioresource Technology, 2021, 340, 125716.	9.6	49
11	The role of marginal agricultural land-based mulberry planting in biomass energy production. Renewable Energy, 2009, 34, 1789-1794.	8.9	48
12	Challenges for sustainable tourism at the <scp>J</scp>iuzhaigou <scp>W</scp>orld <scp>N</scp>atural <scp>H</scp>eritage site in western <scp>C</scp>hina. Natural Resources Forum, 2013, 37, 103-112.	3.6	48
13	Local and regional contributions to fine particulate matter in the 18 cities of Sichuan Basin, southwestern China. Atmospheric Chemistry and Physics, 2019, 19, 5791-5803.	4.9	47
14	Contour hedgerow intercropping in the mountains of China: a review. Agroforestry Systems, 2008, 73, 65-76.	2.0	40
15	Modeling dry and wet deposition of sulfate, nitrate, and ammonium ions in Jiuzhaigou National Nature Reserve, China using a source-oriented CMAQ model: Part I. Base case model results. Science of the Total Environment, 2015, 532, 831-839.	8.0	40
16	Wet deposition of sulfur and nitrogen in Jiuzhaigou National Nature Reserve, Sichuan, China during 2015â€“2016: Possible effects from regional emission reduction and local tourist activities. Environmental Pollution, 2018, 233, 267-277.	7.5	39
17	Fine Particulate Matter and Ozone Pollution in the 18 Cities of the Sichuan Basin in Southwestern China: Model Performance and Characteristics. Aerosol and Air Quality Research, 2019, 19, 2308-2319.	2.1	39
18	Demonstrating urban pollution using toxic metals of road dust and roadside soil in Chengdu, southwestern China. Stochastic Environmental Research and Risk Assessment, 2014, 28, 911-919.	4.0	35

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19	Impact of Fish Farming on Phosphorus in Reservoir Sediments. Scientific Reports, 2015, 5, 16617.	3.3	29
20	Changes in lacustrine environment due to anthropogenic activities over 240 years in Jiuzhaigou National Nature Reserve, southwest China. Quaternary International, 2014, 349, 367-375.	1.5	28
21	Anthropogenic hillslope terraces and swidden agriculture in Jiuzhaigou National Park, northern Sichuan, China. Quaternary Research, 2010, 73, 201-207.	1.7	27
22	Are climate warming and enhanced atmospheric deposition of sulfur and nitrogen threatening tufa landscapes in Jiuzhaigou National Nature Reserve, Sichuan, China?. Science of the Total Environment, 2016, 562, 724-731.	8.0	25
23	Effect of simulated acid rain on fluorine mobility and the bacterial community of phosphogypsum. Environmental Science and Pollution Research, 2018, 25, 15336-15348.	5.3	21
24	Response of Soil Enzyme Activity and Microbial Community in Vanadium-Loaded Soil. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	19
25	New patterns of establishment and growth of Picea , Abies and Betula tree species in subalpine forest gaps of Jiuzhaigou National Nature Reserve, Sichuan, southwestern China in a changing environment. Forest Ecology and Management, 2015, 356, 84-92.	3.2	18
26	Investigation of indoor air quality in six office buildings in Chengdu, China based on field measurements. Building Simulation, 2020, 13, 1009-1020.	5.6	18
27	Revisiting sustainable development of dry valleys in Hengduan Mountains Region. Journal of Mountain Science, 2004, 1, 38-45.	2.0	17
28	Rare earth elements: a potential proxy for identifying the lacustrine sediment source and soil erosion intensity in karst areas. Journal of Soils and Sediments, 2014, 14, 1693-1702.	3.0	17
29	Spatial-temporal variations and source contributions to forest ozone exposure in China. Science of the Total Environment, 2019, 674, 189-199.	8.0	17
30	Wet deposition of sulfur and nitrogen at Mt. Emei in the West China Rain Zone, southwestern China: Status, inter-annual changes, and sources. Science of the Total Environment, 2020, 713, 136676.	8.0	17
31	Ozone pollution in the west China rain zone and its adjacent regions, Southwestern China: Concentrations, ecological risk, and Sources. Chemosphere, 2020, 256, 127008.	8.2	16
32	Use of tree rings as indicator for groundwater level drawdown caused by tunnel excavation in Zhongliang Mountains, Chongqing, Southwest China. Environmental Earth Sciences, 2017, 76, 1.	2.7	15
33	Semen quality and windows of susceptibility: A case study during COVID-19 outbreak in China. Environmental Research, 2021, 197, 111085.	7.5	14
34	Atmospheric deposition of sulfur and nitrogen in the West China rain zone: Fluxes, concentrations, ecological risks, and source apportionment. Atmospheric Research, 2021, 256, 105569.	4.1	14
35	Anthropogenic effect on deposition dynamics of lake sediments based on 137Cs and 210Pbex techniques in Jiuzhaigou National Nature Reserve, China. Chinese Geographical Science, 2014, 24, 180-190.	3.0	13
36	Wetlands in the Jiuzhaigou World Natural Heritage site of south-west China: classification and recent changes. Marine and Freshwater Research, 2018, 69, 677.	1.3	12

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37	Responses of fine particulate matter and ozone to local emission reductions in the Sichuan Basin, southwestern China. Environmental Pollution, 2021, 277, 116793.	7.5	12
38	Metal distribution in soils of an in-service urban parking lot. Environmental Monitoring and Assessment, 2015, 187, 478.	2.7	11
39	Revealing the origin of fine particulate matter in the Sichuan Basin from a source-oriented modeling perspective. Atmospheric Environment, 2021, 244, 117896.	4.1	11
40	Modeling dry and wet deposition of sulfate, nitrate, and ammonium ions in Jiuzhaigou National Nature Reserve, China using a source-oriented CMAQ model: Part II. Emission sector and source region contributions. Science of the Total Environment, 2015, 532, 840-848.	8.0	10
41	Cultural differentiation in product choice by outdoor tourists. Tourism Recreation Research, 2016, 41, 177-187.	4.9	10
42	Impacts of reforestation on woody species composition, species diversity and community structure in dry-hot valley of the Jinsha River, southwestern China. Journal of Mountain Science, 2016, 13, 2182-2191.	2.0	8
43	The geographical patterns of Chinese liquors during 1995â€“2004. Journal of Maps, 2017, 13, 107-116.	2.0	8
44	Changes in agricultural system as farmers adapt to economic-social and climatic changes in the min upriver rural areas in western Sichuan, southwestern China. Journal of Mountain Science, 2015, 12, 747-758.	2.0	7
45	In VitroHealth Risk Assessment of Ingesting Metal-Enriched Soils and Dusts in a Chinese Mining City. Human and Ecological Risk Assessment (HERA), 2015, 21, 2005-2021.	3.4	7
46	Water quality assessment of benthic diatom communities for water quality in the subalpine karstic lakes of Jiuzhaigou, a world heritage site in China. Journal of Mountain Science, 2016, 13, 1632-1644.	2.0	7
47	Unintended Side Effects of Conservation: A Case Study of Changing Land Use in Jiuzhaigou, Sichuan, China. Mountain Research and Development, 2017, 37, 56-65.	1.0	6
48	Variation of arsenic concentration on surfaces of in-service CCA-treated wood planks in a park and its influencing field factors. Environmental Monitoring and Assessment, 2015, 187, 4214.	2.7	5
49	Rapid Sequestration of Ecosystem Carbon in 30-year Reforestation with Mixed Species in Dry Hot Valley of the Jinsha River. International Journal of Environmental Research and Public Health, 2019, 16, 1937.	2.6	5
50	Historical and seasonal dynamics of phosphorus mobility in Sancha Lake of Southwest Chinaâ€™s Sichuan Province. Environmental Monitoring and Assessment, 2017, 189, 16.	2.7	4
51	Harvesting of rainwater and brooklets water to increase mountain agricultural productivity: A case study from a dry valley of southwestern China. Natural Resources Forum, 2009, 33, 39-48.	3.6	3
52	Diurnal variation in relative photosynthetic performance of marestail (Hippuris vulgaris Linn.) Across a water temperature gradient using PAM fluorometry in Jiuzhaigou National Nature Reserve, Sichuan Province, China. Journal of Mountain Science, 2011, 8, 794-807.	2.0	3
53	Driving Effect of Human Activity on the Environmental Change of the Sancha Lake. , 2012, , .		3
54	Genomic characterization and phylogenetic analysis of the novel Pseudomonas phage PPSC2. Archives of Virology, 2018, 163, 1977-1980.	2.1	3

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55	Understanding human and nature interaction outcomes for sustaining tourist destinations: An example of Jiuzhaigou Nature Reserve, China. Aquatic Ecosystem Health and Management, 2020, 23, 373-384.	0.6	3
56	Surface ozone in Jiuzhaigou National Park, eastern rim of the Qinghai-Tibet Plateau, China. Journal of Mountain Science, 2012, 9, 687-696.	2.0	2
57	The development of a geographic information system (GIS) database for Jiuzhaigou national nature reserve and its application. Journal of Mountain Science, 2013, 10, 398-409.	2.0	2
58	Economy or health: Environmental challenges in rapid developing China and beyond. Environmental Research, 2021, 200, 111308.	7.5	1
59	Characteristics of phosphorus in sediments of the Sancha Lake in Sichuan province and their relationship with human activity. WIT Transactions on Ecology and the Environment, 2013, , .	0.0	1
60	Camptotheca acuminata Decne residue after camptothecin extract as a substrate to produce mushroom spawn. Journal of Mountain Science, 2012, 9, 835-841.	2.0	0