

Ya Tang

List of Publications by Year in descending order

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60
papers

2,026
citations

304743

22
h-index

254184

43
g-index

62
all docs

62
docs citations

62
times ranked

2748
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving food waste composting efficiency with mature compost addition. <i>Bioresource Technology</i> , 2022, 349, 126830.	9.6	67
2	Revealing the origin of fine particulate matter in the Sichuan Basin from a source-oriented modeling perspective. <i>Atmospheric Environment</i> , 2021, 244, 117896.	4.1	11
3	Responses of fine particulate matter and ozone to local emission reductions in the Sichuan Basin, southwestern China. <i>Environmental Pollution</i> , 2021, 277, 116793.	7.5	12
4	Semen quality and windows of susceptibility: A case study during COVID-19 outbreak in China. <i>Environmental Research</i> , 2021, 197, 111085.	7.5	14
5	Atmospheric deposition of sulfur and nitrogen in the West China rain zone: Fluxes, concentrations, ecological risks, and source apportionment. <i>Atmospheric Research</i> , 2021, 256, 105569.	4.1	14
6	Economy or health: Environmental challenges in rapid developing China and beyond. <i>Environmental Research</i> , 2021, 200, 111308.	7.5	1
7	Aeration rate improves the compost quality of food waste and promotes the decomposition of toxic materials in leachate by changing the bacterial community. <i>Bioresource Technology</i> , 2021, 340, 125716.	9.6	49
8	Investigation of indoor air quality in six office buildings in Chengdu, China based on field measurements. <i>Building Simulation</i> , 2020, 13, 1009-1020.	5.6	18
9	Understanding human and nature interaction outcomes for sustaining tourist destinations: An example of Jiuzhaigou Nature Reserve, China. <i>Aquatic Ecosystem Health and Management</i> , 2020, 23, 373-384.	0.6	3
10	Ozone pollution in the west China rain zone and its adjacent regions, Southwestern China: Concentrations, ecological risk, and Sources. <i>Chemosphere</i> , 2020, 256, 127008.	8.2	16
11	Wet deposition of sulfur and nitrogen at Mt. Emei in the West China Rain Zone, southwestern China: Status, inter-annual changes, and sources. <i>Science of the Total Environment</i> , 2020, 713, 136676.	8.0	17
12	Rapid Sequestration of Ecosystem Carbon in 30-year Reforestation with Mixed Species in Dry Hot Valley of the Jinsha River. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1937.	2.6	5
13	Local and regional contributions to fine particulate matter in the 18 cities of Sichuan Basin, southwestern China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 5791-5803.	4.9	47
14	Spatial-temporal variations and source contributions to forest ozone exposure in China. <i>Science of the Total Environment</i> , 2019, 674, 189-199.	8.0	17
15	Air pollution reduction in China: Recent success but great challenge for the future. <i>Science of the Total Environment</i> , 2019, 663, 329-337.	8.0	286
16	Fine Particulate Matter and Ozone Pollution in the 18 Cities of the Sichuan Basin in Southwestern China: Model Performance and Characteristics. <i>Aerosol and Air Quality Research</i> , 2019, 19, 2308-2319.	2.1	39
17	Effect of simulated acid rain on fluorine mobility and the bacterial community of phosphogypsum. <i>Environmental Science and Pollution Research</i> , 2018, 25, 15336-15348.	5.3	21
18	Genomic characterization and phylogenetic analysis of the novel <i>Pseudomonas</i> phage PPSC2. <i>Archives of Virology</i> , 2018, 163, 1977-1980.	2.1	3

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19	Biomass and biofuels in China: Toward bioenergy resource potentials and their impacts on the environment. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 2387-2400.	16.4	120
20	Source apportionment of PM _{2.5} for 25 Chinese provincial capitals and municipalities using a source-oriented Community Multiscale Air Quality model. <i>Science of the Total Environment</i> , 2018, 612, 462-471.	8.0	78
21	Wet deposition of sulfur and nitrogen in Jiuzhaigou National Nature Reserve, Sichuan, China during 2015–2016: Possible effects from regional emission reduction and local tourist activities. <i>Environmental Pollution</i> , 2018, 233, 267-277.	7.5	39
22	Wetlands in the Jiuzhaigou World Natural Heritage site of south-west China: classification and recent changes. <i>Marine and Freshwater Research</i> , 2018, 69, 677.	1.3	12
23	Historical and seasonal dynamics of phosphorus mobility in Sancha Lake of Southwest China—Sichuan Province. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 16.	2.7	4
24	Unintended Side Effects of Conservation: A Case Study of Changing Land Use in Jiuzhaigou, Sichuan, China. <i>Mountain Research and Development</i> , 2017, 37, 56-65.	1.0	6
25	Use of tree rings as indicator for groundwater level drawdown caused by tunnel excavation in Zhongliang Mountains, Chongqing, Southwest China. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	15
26	The geographical patterns of Chinese liquors during 1995–2004. <i>Journal of Maps</i> , 2017, 13, 107-116.	2.0	8
27	Impacts of reforestation on woody species composition, species diversity and community structure in dry-hot valley of the Jinsha River, southwestern China. <i>Journal of Mountain Science</i> , 2016, 13, 2182-2191.	2.0	8
28	Are climate warming and enhanced atmospheric deposition of sulfur and nitrogen threatening tufa landscapes in Jiuzhaigou National Nature Reserve, Sichuan, China?. <i>Science of the Total Environment</i> , 2016, 562, 724-731.	8.0	25
29	Water quality assessment of benthic diatom communities for water quality in the subalpine karstic lakes of Jiuzhaigou, a world heritage site in China. <i>Journal of Mountain Science</i> , 2016, 13, 1632-1644.	2.0	7
30	Opportunities for biodiversity gains under the world's largest reforestation programme. <i>Nature Communications</i> , 2016, 7, 12717.	12.8	230
31	Cultural differentiation in product choice by outdoor tourists. <i>Tourism Recreation Research</i> , 2016, 41, 177-187.	4.9	10
32	Impact of Fish Farming on Phosphorus in Reservoir Sediments. <i>Scientific Reports</i> , 2015, 5, 16617.	3.3	29
33	Changes in agricultural system as farmers adapt to economic-social and climatic changes in the mountain rural areas in western Sichuan, southwestern China. <i>Journal of Mountain Science</i> , 2015, 12, 747-758.	2.0	7
34	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. <i>Science of the Total Environment</i> , 2015, 532, 831-839.	8.0	40
35	Metal distribution in soils of an in-service urban parking lot. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 478.	2.7	11
36	Variation of arsenic concentration on surfaces of in-service CCA-treated wood planks in a park and its influencing field factors. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 4214.	2.7	5

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37	New patterns of establishment and growth of <i>Picea</i> , <i>Abies</i> and <i>Betula</i> tree species in subalpine forest gaps of Jiuzhaigou National Nature Reserve, Sichuan, southwestern China in a changing environment. <i>Forest Ecology and Management</i> , 2015, 356, 84-92.	3.2	18
38	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. <i>Science of the Total Environment</i> , 2015, 532, 840-848.	8.0	10
39	In Vitro Health Risk Assessment of Ingesting Metal-Enriched Soils and Dusts in a Chinese Mining City. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015, 21, 2005-2021.	3.4	7
40	Atmospheric wet deposition of sulfur and nitrogen in Jiuzhaigou National Nature Reserve, Sichuan Province, China. <i>Science of the Total Environment</i> , 2015, 511, 28-36.	8.0	71
41	Anthropogenic effect on deposition dynamics of lake sediments based on ¹³⁷ Cs and ²¹⁰ Pbex techniques in Jiuzhaigou National Nature Reserve, China. <i>Chinese Geographical Science</i> , 2014, 24, 180-190.	3.0	13
42	Leaching characteristics of vanadium in mine tailings and soils near a vanadium titanomagnetite mining site. <i>Journal of Hazardous Materials</i> , 2014, 264, 498-504.	12.4	144
43	Changes in lacustrine environment due to anthropogenic activities over 240 years in Jiuzhaigou National Nature Reserve, southwest China. <i>Quaternary International</i> , 2014, 349, 367-375.	1.5	28
44	Demonstrating urban pollution using toxic metals of road dust and roadside soil in Chengdu, southwestern China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014, 28, 911-919.	4.0	35
45	Response of Soil Enzyme Activity and Microbial Community in Vanadium-Loaded Soil. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	19
46	Rare earth elements: a potential proxy for identifying the lacustrine sediment source and soil erosion intensity in karst areas. <i>Journal of Soils and Sediments</i> , 2014, 14, 1693-1702.	3.0	17
47	Local Farmers's Perceptions of Climate Change and Local Adaptive Strategies: A Case Study from the Middle Yarlung Zangbo River Valley, Tibet, China. <i>Environmental Management</i> , 2013, 52, 894-906.	2.7	65
48	The development of a geographic information system (GIS) database for Jiuzhaigou national nature reserve and its application. <i>Journal of Mountain Science</i> , 2013, 10, 398-409.	2.0	2
49	Challenges for sustainable tourism at the Jiuzhaigou World Natural Heritage site in western China. <i>Natural Resources Forum</i> , 2013, 37, 103-112.	3.6	48
50	Characteristics of phosphorus in sediments of the Sancha Lake in Sichuan province and their relationship with human activity. <i>WIT Transactions on Ecology and the Environment</i> , 2013, .	0.0	1
51	Driving Effect of Human Activity on the Environmental Change of the Sancha Lake. , 2012, .		3
52	Surface ozone in Jiuzhaigou National Park, eastern rim of the Qinghai-Tibet Plateau, China. <i>Journal of Mountain Science</i> , 2012, 9, 687-696.	2.0	2
53	<i>Camptotheca acuminata</i> Decne residue after camptothecin extract as a substrate to produce mushroom spawn. <i>Journal of Mountain Science</i> , 2012, 9, 835-841.	2.0	0
54	Diurnal variation in relative photosynthetic performance of marestalk (<i>Hippuris vulgaris</i> Linn.) Across a water temperature gradient using PAM fluorometry in Jiuzhaigou National Nature Reserve, Sichuan Province, China. <i>Journal of Mountain Science</i> , 2011, 8, 794-807.	2.0	3

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55	Anthropogenic hillslope terraces and swidden agriculture in Jiuzhaigou National Park, northern Sichuan, China. <i>Quaternary Research</i> , 2010, 73, 201-207.	1.7	27
56	Marginal Land-based Biomass Energy Production in China. <i>Journal of Integrative Plant Biology</i> , 2010, 52, 112-121.	8.5	110
57	Harvesting of rainwater and brooklets water to increase mountain agricultural productivity: A case study from a dry valley of southwestern China. <i>Natural Resources Forum</i> , 2009, 33, 39-48.	3.6	3
58	The role of marginal agricultural land-based mulberry planting in biomass energy production. <i>Renewable Energy</i> , 2009, 34, 1789-1794.	8.9	48
59	Contour hedgerow intercropping in the mountains of China: a review. <i>Agroforestry Systems</i> , 2008, 73, 65-76.	2.0	40
60	Revisiting sustainable development of dry valleys in Hengduan Mountains Region. <i>Journal of Mountain Science</i> , 2004, 1, 38-45.	2.0	17