

# Yuan Quan

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,280  
citations

471509

17  
h-index

377865

34  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1713  
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical review on the bio-removal of hazardous heavy metals from contaminated soils: Issues, progress, eco-environmental concerns and opportunities. <i>Journal of Hazardous Materials</i> , 2010, 174, 1-8.	12.4	512
2	Ecosystem health assessment of the Liao River Basin upstream region based on ecosystem services. <i>Acta Ecologica Sinica</i> , 2016, 36, 294-300.	1.9	61
3	Adaptation and mitigation for combating climate change “ from single to joint. <i>Ecosystem Health and Sustainability</i> , 2018, 4, 85-94.	3.1	45
4	<i>Halomonas daqingensis</i> sp. nov., a moderately halophilic bacterium isolated from an oilfield soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2859-2865.	1.7	40
5	Responses of higher plants to abiotic stresses and agricultural sustainable development. <i>Journal of Plant Interactions</i> , 2007, 2, 135-147.	2.1	32
6	Impact of coal power generation on the characteristics and risk of heavy metal pollution in nearby soil. <i>Ecosystem Health and Sustainability</i> , 2020, 6, .	3.1	31
7	Estimation of forest volumes by integrating Landsat TM imagery and forest inventory data. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 54-62.	0.9	30
8	Insights into molecular mechanisms of mutual effect between plants and the environment. A review. <i>Agronomy for Sustainable Development</i> , 2007, 27, 69-78.	5.3	29
9	Comparison of inorganic chemical compositions of atmospheric TSP, PM 10 and PM 2.5 in northern and southern Chinese coastal cities. <i>Journal of Environmental Sciences</i> , 2017, 55, 339-353.	6.1	28
10	Impacts of land conversion and management measures on net primary productivity in semi-arid grassland. <i>Ecosystem Health and Sustainability</i> , 2020, 6, .	3.1	26
11	Carbon cycling of alpine tundra ecosystems on Changbai Mountain and its comparison with arctic tundra. <i>Science in China Series D: Earth Sciences</i> , 2002, 45, 903.	0.9	25
12	Forest ecosystem services of Changbai Mountain in China. <i>Science in China Series C: Life Sciences</i> , 2002, 45, 21.	1.3	24
13	Strategies to combat desertification for the twenty-first century in China. <i>International Journal of Sustainable Development and World Ecology</i> , 2002, 9, 292-297.	5.9	22
14	Landsenses ecological planning for the Xianghe Segment of China’s Grand Canal. <i>International Journal of Sustainable Development and World Ecology</i> , 2016, 23, 298-304.	5.9	20
15	The compactness of spatial structure in Chinese cities: measurement, clustering patterns and influencing factors. <i>Ecosystem Health and Sustainability</i> , 2020, 6, .	3.1	20
16	Interrelations of Ecosystem Services and Rural Population Wellbeing in an Ecologically-Fragile Area in North China. <i>Sustainability</i> , 2017, 9, 709.	3.2	19
17	Hazardous Heavy Metal Distribution in Dahuofang Catchment, Fushun, Liaoning, an Important Industry City in China: A Case Study. <i>Clean - Soil, Air, Water</i> , 2012, 40, 1372-1375.	1.1	17
18	Spatiotemporal vegetation dynamics and their influence factors at a large coal-fired power plant in Xilinhot, Inner Mongolia. <i>International Journal of Sustainable Development and World Ecology</i> , 2017, 24, 433-438.	5.9	17

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19	Heavy metal accumulation characteristics and physiological response of <i>Sabina chinensis</i> and <i>Platycladus orientalis</i> to atmospheric pollution. <i>Journal of Environmental Sciences</i> , 2022, 112, 192-201.	6.1	17
20	Land-use/land cover changes and their driving forces around wetlands in Shangri-La County, Yunnan Province, China. <i>International Journal of Sustainable Development and World Ecology</i> , 2015, 22, 110-116.	5.9	16
21	Impact of Inter-Basin Water Transfer Projects on Regional Ecological Security from a Telecoupling Perspective. <i>Sustainability</i> , 2016, 8, 162.	3.2	16
22	Chemical composition, mass closure and sources of atmospheric PM10 from industrial sites in Shenzhen, China. <i>Journal of Environmental Sciences</i> , 2013, 25, 1626-1635.	6.1	15
23	Comparative Ecophysiological Study of Salt Stress for Wild and Cultivated Soybean Species from the Yellow River Delta, China. <i>Scientific World Journal</i> , The, 2014, 2014, 1-13.	2.1	15
24	Energy Performance of Hotel Buildings in Lijiang, China. <i>Sustainability</i> , 2016, 8, 780.	3.2	15
25	Interactive effects of elevated CO2 and drought stress on leaf water potential and growth in <i>Caragana intermedia</i> . <i>Trees - Structure and Function</i> , 2005, 19, 712-721.	1.9	14
26	Measures and planning for wetland restoration of Xianghe Segment of China's Grand Canal. <i>International Journal of Sustainable Development and World Ecology</i> , 2016, 23, 326-332.	5.9	14
27	Assessment of heavy metal contamination in soil associated with Chinese coal-fired power plants: a case study in Xilingol, Inner Mongolia. <i>International Journal of Sustainable Development and World Ecology</i> , 2017, 24, 439-443.	5.9	13
28	Habitat selection of Guizhou golden monkey ( <i>Phinopithecus roxellanae brelichi</i> ) in Fanjing Mountain Biosphere Reserve, China. <i>Journal of Forestry Research</i> , 2004, 15, 197-202.	3.6	12
29	Analysis of urbanization based on center-of-gravity movement and characteristics in Songhua River basin of China and its southern source sub-basin between 1990 and 2010. <i>Chinese Geographical Science</i> , 2016, 26, 117-128.	3.0	10
30	Assessment of urban sustainability efficiency based on general data envelopment analysis: a case study of two cities in western and eastern China. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 191.	2.7	10
31	Spatiotemporal Water Yield Variations and Influencing Factors in the Lhasa River Basin, Tibetan Plateau. <i>Water (Switzerland)</i> , 2020, 12, 1498.	2.7	10
32	Study of regional water footprint of industrial sectors: the case of Chaoyang City, Liaoning Province, China. <i>International Journal of Sustainable Development and World Ecology</i> , 2013, 20, 542-548.	5.9	9
33	Synergistic Application of Molecular Markers and Community-Based Microbial Source Tracking Methods for Identification of Fecal Pollution in River Water During Dry and Wet Seasons. <i>Frontiers in Microbiology</i> , 2021, 12, 660368.	3.5	9
34	Regional-scale analysis on the strengths, weaknesses, opportunities, and threats in sustainable development of Shangri-La County. <i>International Journal of Sustainable Development and World Ecology</i> , 2015, 22, 171-177.	5.9	8
35	Sustainable development and ecological protection associated with coal-fired power plants in China. <i>International Journal of Sustainable Development and World Ecology</i> , 2017, 24, 385-388.	5.9	7
36	Nutrients and biomass spatial patterns in alpine tundra ecosystem on Changbai Mountains, Northeast China. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 60, 250-257.	5.0	6

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37	Distribution patterns of vegetation biomass and nutrients bio-cycle in alpine tundra ecosystem on Changbai Mountains, Northeast China. <i>Journal of Forestry Research</i> , 2007, 18, 271-278.	3.6	6
38	Analysis of household energy consumption and related CO <sub>2</sub> emissions in the disregarded villages of Lijiang City, China. <i>International Journal of Sustainable Development and World Ecology</i> , 2012, 19, 500-505.	5.9	6
39	Study on the modified quadrat sampling method for urban ecosystem network monitoring. <i>International Journal of Sustainable Development and World Ecology</i> , 2013, 20, 210-215.	5.9	6
40	Analysis of Ecosystem Service Trade-Offs and Synergies in Ulansuhai Basin. <i>Sustainability</i> , 2021, 13, 9839.	3.2	6
41	Optimization of post-classification processing of high-resolution satellite image: A case study. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 98-107.	0.9	5
42	Determining Soil Nutrients Reference Condition in Alpine Region Grassland, China: A Case Study of Hulun Buir Grassland. <i>Sustainability</i> , 2018, 10, 4666.	3.2	5
43	Multi-index integrated assessment and analysis of town-sewage treatment priorities in China. <i>International Journal of Sustainable Development and World Ecology</i> , 2014, 21, 546-551.	5.9	4
44	Biological diversity in the coniferous forest on the northern slope of Changbai Mountain, northeast China. <i>International Journal of Sustainable Development and World Ecology</i> , 2004, 11, 181-190.	5.9	3
45	Impacts of socio-economic policies on agriculture in the mountainous upland of the Dalinghe river watershed, Northeast China. <i>International Journal of Agricultural Sustainability</i> , 2007, 5, 331-342.	3.5	3
46	Effects of land use on water quality of two high-altitude lakes and catchments in Yunnan Province, China. <i>International Journal of Sustainable Development and World Ecology</i> , 2008, 15, 534-542.	5.9	3
47	Analysis of land-use scenarios for urban sustainable development: a case study of Lijiang City. <i>International Journal of Sustainable Development and World Ecology</i> , 2011, 18, 486-491.	5.9	3
48	Sustainability efficiency of Chinese cities involving coal-fired power plants with data envelopment analysis. <i>International Journal of Sustainable Development and World Ecology</i> , 2017, 24, 395-400.	5.9	3
49	Integrated Environmental Effect Assessment on Large Coal-Electricity Production Base and Sustainability Strategy: A Case in Xilin Gol, China. <i>Sustainability</i> , 2020, 12, 5943.	3.2	3
50	Research on Residents's Willingness to Pay for Promoting the Green Development of Resource-Based Cities: A Case Study in Chifeng. <i>Sustainability</i> , 2021, 13, 2833.	3.2	3
51	Outlook of coal-fired power plant development and the regional ecosystem and environmental protection in China. <i>International Journal of Sustainable Development and World Ecology</i> , 2017, 24, 389-394.	5.9	3
52	Developmentally Utilizing Molecular Biological Techniques into Aquaculture. <i>Reviews in Fisheries Science</i> , 2009, 18, 125-130.	2.1	2
53	The Impact of Atmosphere Circular System on Coupling Features of Spring Net Primary Productivity with Precipitation in East Asia. <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 2800-2808.	0.5	1
54	Evaluation of a Chongqing Industrial Zone Transformation Based on Sustainable Development. <i>Sustainability</i> , 2022, 14, 5122.	3.2	1

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55	Carbon storage and flux for alpine tundra ecosystems in Changbai Mountains, Northeast China. Journal of Forestry Research, 2007, 18, 109-113.	3.6	0