

Guanxing Huang

List of Publications by Year in descending order

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43
papers

1,310
citations

430874

18
h-index

377865

34
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43
all docs

43
docs citations

43
times ranked

1093
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributions, origins, and health-risk assessment of nitrate in groundwater in typical alluvial-pluvial fans, North China Plain. <i>Environmental Science and Pollution Research</i> , 2022, 29, 17031-17048.	5.3	14
2	Natural background levels in groundwater in the Pearl River Delta after the rapid expansion of urbanization: A new pre-selection method. <i>Science of the Total Environment</i> , 2022, 813, 151890.	8.0	23
3	Geochemical factors controlling natural background levels of phosphate in various groundwater units in a large-scale urbanized area. <i>Journal of Hydrology</i> , 2022, 608, 127594.	5.4	16
4	The Aging Process of Cadmium in Paddy Soils under Intermittent Irrigation with Acid Water: A Short-Term Simulation Experiment. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3339.	2.6	2
5	A sharp contrasting occurrence of iron-rich groundwater in the Pearl River Delta during the past dozen years (2006–2018): The genesis and mitigation effect. <i>Science of the Total Environment</i> , 2022, 829, 154676.	8.0	20
6	A review of reactive media within permeable reactive barriers for the removal of heavy metal(loid)s in groundwater: Current status and future prospects. <i>Journal of Cleaner Production</i> , 2021, 319, 128644.	9.3	54
7	Groundwater pollution of Pearl River Delta. , 2021, , 251-260.		1
8	Identification of Groundwater Contamination in a Rapidly Urbanized Area on a Regional Scale: A New Approach of Multi-Hydrochemical Evidences. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12143.	2.6	7
9	Elevated manganese concentrations in shallow groundwater of various aquifers in a rapidly urbanized delta, south China. <i>Science of the Total Environment</i> , 2020, 701, 134777.	8.0	62
10	Removal of heavy metals in aquatic environment by graphene oxide composites: a review. <i>Environmental Science and Pollution Research</i> , 2020, 27, 190-209.	5.3	70
11	Distributions and origins of nitrate, nitrite, and ammonium in various aquifers in an urbanized coastal area, south China. <i>Journal of Hydrology</i> , 2020, 582, 124528.	5.4	63
12	Groundwater is important for the geochemical cycling of phosphorus in rapidly urbanized areas: a case study in the Pearl River Delta. <i>Environmental Pollution</i> , 2020, 260, 114079.	7.5	50
13	The bioaccessibility and fractionation of arsenic in anoxic soils as a function of stabilization using low-cost Fe/Al-based materials: A long-term experiment. <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110210.	6.0	17
14	Spatial distribution and origin of shallow groundwater iodide in a rapidly urbanized delta: A case study of the Pearl River Delta. <i>Journal of Hydrology</i> , 2020, 585, 124860.	5.4	38
15	Groundwater quality in the Pearl River Delta after the rapid expansion of industrialization and urbanization: Distributions, main impact indicators, and driving forces. <i>Journal of Hydrology</i> , 2019, 577, 124004.	5.4	86
16	The Characterization of Microbial Communities Response to Shallow Groundwater Contamination in Typical Piedmont Region of Taihang Mountains in the North China Plain. <i>Water (Switzerland)</i> , 2019, 11, 736.	2.7	4
17	A regional scale investigation on factors controlling the groundwater chemistry of various aquifers in a rapidly urbanized area: A case study of the Pearl River Delta. <i>Science of the Total Environment</i> , 2018, 625, 510-518.	8.0	87
18	Heavy metal(loid)s and organic contaminants in groundwater in the Pearl River Delta that has undergone three decades of urbanization and industrialization: Distributions, sources, and driving forces. <i>Science of the Total Environment</i> , 2018, 635, 913-925.	8.0	101

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19	Groundwater Level Mapping Using Multiple-Point Geostatistics. <i>Water (Switzerland)</i> , 2016, 8, 400.	2.7	4
20	Effect of co-existing kaolinite and goethite on the aggregation of graphene oxide in the aquatic environment. <i>Water Research</i> , 2016, 102, 313-320.	11.3	72
21	A New Evaluation Method for Groundwater Quality Applied in Guangzhou Region, China: Using Fuzzy Method Combining Toxicity Index. <i>Water Environment Research</i> , 2016, 88, 99-106.	2.7	7
22	Groundwater quality in aquifers affected by the anthropogenic and natural processes in an urbanized area, south China. <i>Environmental Forensics</i> , 2016, 17, 107-119.	2.6	7
23	Impact of temperature on the aging mechanisms of arsenic in soils: fractionation and bioaccessibility. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4594-4601.	5.3	19
24	Changes of arsenic fractionation and bioaccessibility in wastewater-irrigated soils as a function of aging: Influence of redox condition and arsenic load. <i>Geoderma</i> , 2016, 280, 1-7.	5.1	25
25	Effect of sample pretreatment on the fractionation of arsenic in anoxic soils. <i>Environmental Science and Pollution Research</i> , 2015, 22, 8367-8374.	5.3	27
26	Driving mechanism and sources of groundwater nitrate contamination in the rapidly urbanized region of south China. <i>Journal of Contaminant Hydrology</i> , 2015, 182, 221-230.	3.3	92
27	Arsenic distribution and hydrochemical factors in urban groundwater, Foshan City, South China. <i>Diqiu Huaxue</i> , 2014, 33, 398-403.	0.5	3
28	Impact of human activity and natural processes on groundwater arsenic in an urbanized area (South) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 21, 13043-13054.	5.3	33
29	Water quality assessment and hydrochemical characteristics of groundwater on the aspect of metals in an old town, Foshan, south China. <i>Journal of Earth System Science</i> , 2014, 123, 91-100.	1.3	14
30	Distribution of arsenic in shallow aquifers of Guangzhou region, China: natural and anthropogenic impacts. <i>Water Quality Research Journal of Canada</i> , 2014, 49, 354-371.	2.7	7
31	Adsorption of arsenite onto a soil irrigated by sewage. <i>Journal of Geochemical Exploration</i> , 2013, 132, 164-172.	3.2	16
32	Impact of anthropogenic and natural processes on the evolution of groundwater chemistry in a rapidly urbanized coastal area, South China. <i>Science of the Total Environment</i> , 2013, 463-464, 209-221.	8.0	215
33	Water Quality Assessment and Hydrochemical Characteristics of Shallow Groundwater in Eastern Chancheng District, Foshan, China. <i>Water Environment Research</i> , 2013, 85, 354-362.	2.7	8
34	Levels and sources of phthalate esters in shallow groundwater and surface water of Dongguan city, South China. <i>Geochemical Journal</i> , 2012, 46, 421-428.	1.0	14
35	Distribution of arsenic in sewage irrigation area of Pearl River Delta, China. <i>Journal of Earth Science (Wuhan, China)</i> , 2011, 22, 396-410.	3.2	23
36	Notice of Retraction: Characteristic and Speciation of pH in Shallow Groundwater in the Pearl River Delta. , 2011, , .		0

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37	Heavy Metal Contamination and Potential Ecological Risk Assessment of Sediments in Yangzonghai Lake. , 2010, , .		3
38	Level and Chemical Forms of Lead in Soil of Sewage Irrigation Area in Guangdong Province, South China. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
39	Distribution of Heavy Metals in Groundwater of Sewage Irrigation Area in Guangdong Province, China. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
40	Relationship and Enrichment of Heavy Metals in Soil of Sewage Irrigation Area in Guangdong Province, China. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
41	Natural Background Levels of Fe and Mn in Groundwater of Pearl River Delta. , 2010, , .		2
42	Distribution and Mobility of Heavy Metals in Soil of Sewage Irrigation Area in Pearl River Delta, China. , 2010, , .		2
43	Characteristic and Speciation of Beryllium in Shallow Groundwater in the Pearl River Delta. , 2010, , .		2