

Jin-sheng Wang

List of Publications by Year in descending order

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63
papers

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citations

394421

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63
all docs

63
docs citations

63
times ranked

2879
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of environmental factors to attenuation of toluene in vadose zone. Journal of Environmental Management, 2022, 302, 113968.	7.8	4
2	Interactions between anthropogenic pollutants (biodegradable organic nitrogen and ammonia) and the primary hydrogeochemical component Mn in groundwater: Evidence from three polluted sites. Science of the Total Environment, 2022, 808, 152162.	8.0	21
3	Shifts in microbial community structure and function in polycyclic aromatic hydrocarbon contaminated soils at petrochemical landfill sites revealed by metagenomics. Chemosphere, 2022, 293, 133509.	8.2	13
4	Valuation of ecosystem damage induced by soil-groundwater pollution in an arid climate area: Framework, method and case study. Environmental Research, 2022, 211, 113013.	7.5	6
5	A least squares method for identification of unknown groundwater pollution source. Hydrology Research, 2021, 52, 450-460.	2.7	5
6	Anthropogenic Organic Pollutants in Groundwater Increase Releases of Fe and Mn from Aquifer Sediments: Impacts of Pollution Degree, Mineral Content, and pH. Water (Switzerland), 2021, 13, 1920.	2.7	15
7	Further Discussion on the Influence Radius of a Pumping Well: A Parameter with Little Scientific and Practical Significance That Can Easily Be Misleading. Water (Switzerland), 2021, 13, 2050.	2.7	11
8	The spatial variations of correlation between microbial diversity and groundwater quality derived from a riverbank filtration site, northeast China. Science of the Total Environment, 2020, 706, 135855.	8.0	34
9	Water supply safety of riverbank filtration wells under the impact of surface water-groundwater interaction: Evidence from long-term field pumping tests. Science of the Total Environment, 2020, 711, 135141.	8.0	38
10	TDCPP mimics thyroid hormones associated with the activation of integrin $\alpha 2 \beta 3$ and ERK1/2. Chemosphere, 2020, 256, 127066.	8.2	5
11	Sorption of Sr in granite under typical colloidal action. Journal of Contaminant Hydrology, 2020, 233, 103659.	3.3	8
12	Influence of colloidal Fe(OH) ₃ on the adsorption characteristics of strontium in porous media from a candidate high-level radioactive waste geological disposal site. Environmental Pollution, 2020, 260, 113997.	7.5	16
13	EFSSD: An Enhanced Fusion SSD with Feature Fusion and Visual Object Association Method. , 2020, , .		1
14	Effect of colloids on non-Fickian transport of strontium in sediments elucidated by continuous-time random walk analysis. Environmental Pollution, 2019, 252, 1491-1499.	7.5	6
15	Distribution, origin and key influencing factors of fluoride groundwater in the coastal area, NE China. Human and Ecological Risk Assessment (HERA), 2019, 25, 104-119.	3.4	16
16	The impact of well drawdowns on the mixing process of river water and groundwater and water quality in a riverside well field, Northeast China. Hydrological Processes, 2019, 33, 945-961.	2.6	26
17	Pollution risk assessment based on source apportionment in a groundwater resource area, NE China. Human and Ecological Risk Assessment (HERA), 2018, 24, 1197-1215.	3.4	8
18	In-situ study of migration and transformation of nitrogen in groundwater based on continuous observations at a contaminated desert site. Journal of Contaminant Hydrology, 2018, 211, 39-48.	3.3	15

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19	Multimedia fate modeling and risk assessment of antibiotics in a water-scarce megacity. <i>Journal of Hazardous Materials</i> , 2018, 348, 75-83.	12.4	90
20	Polycyclic aromatic hydrocarbons (PAHs) in the environment of Beijing, China: Levels, distribution, trends and sources. <i>Human and Ecological Risk Assessment (HERA)</i> , 2018, 24, 137-157.	3.4	18
21	Characterization of antibiotics in a large-scale river system of China: Occurrence pattern, spatiotemporal distribution and environmental risks. <i>Science of the Total Environment</i> , 2018, 618, 409-418.	8.0	226
22	Simulation of Trinitrogen Migration and Transformation in the Unsaturated Zone at a Desert Contaminant Site (NW China) Using HYDRUS-2D. <i>Water (Switzerland)</i> , 2018, 10, 1363.	2.7	9
23	Apportionment and evolution of pollution sources in a typical riverside groundwater resource area using PCA-APCS-MLR model. <i>Journal of Contaminant Hydrology</i> , 2018, 218, 70-83.	3.3	57
24	Source apportionment of pollution in groundwater source area using factor analysis and positive matrix factorization methods. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017, 23, 1417-1436.	3.4	32
25	Thermodynamic analysis of heat transfer in a wellbore combining compressed air energy storage. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	5
26	Radionuclide transport model for risk evaluation of high-level radioactive waste in Northwestern China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017, 23, 2017-2032.	3.4	9
27	A GIS-based LVF model for semiquantitative assessment of groundwater pollution risk: A case study in Shenyang, NE China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017, 23, 276-298.	3.4	15
28	Water-environmental risk assessment of the Beijing-Tianjin-Hebei collaborative development region in China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017, 23, 141-171.	3.4	7
29	Detection of Cu ²⁺ in Water Based on Histidine-Gold Labeled Multiwalled Carbon Nanotube Electrochemical Sensor. <i>International Journal of Analytical Chemistry</i> , 2017, 2017, 1-8.	1.0	14
30	A HIVE model for regional integrated environmental risk assessment: A case study in China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2016, 22, 1002-1028.	3.4	6
31	Contamination characteristics and source apportionment of trace metals in soils around Miyun Reservoir. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15331-15342.	5.3	29
32	Evaluation and characterization of thyroid-disrupting activities in soil samples along the Second Songhua River, China. <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 475-480.	6.0	2
33	Source apportionment of trace metals in river sediments: A comparison of three methods. <i>Environmental Pollution</i> , 2016, 211, 28-37.	7.5	97
34	Source apportionment and health risk assessment of trace metals in surface soils of Beijing metropolitan, China. <i>Chemosphere</i> , 2016, 144, 1002-1011.	8.2	195
35	Quantitative evaluation of specific vulnerability to nitrate for groundwater resource protection based on process-based simulation model. <i>Science of the Total Environment</i> , 2016, 550, 768-784.	8.0	28
36	Seasonal Variation in Populations of Nitrogen-Transforming Bacteria and Correlation with Nitrogen Removal in a Full-Scale Horizontal Flow Constructed Wetland Treating Polluted River Water. <i>Geomicrobiology Journal</i> , 2016, 33, 338-346.	2.0	13

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37	The Combined Effect of Cu, Zn and Pb on Enzyme Activities in Soil from the Vicinity of a Wellhead Protection Area. <i>Soil and Sediment Contamination</i> , 2016, 25, 279-295.	1.9	10
38	Factors influencing U(VI) adsorption onto soil from a candidate very low level radioactive waste disposal site in China. <i>Nuclear Technology and Radiation Protection</i> , 2016, 31, 268-276.	0.8	2
39	Development of Relative Risk Model for Regional Groundwater Risk Assessment: A Case Study in the Lower Liaohe River Plain, China. <i>PLoS ONE</i> , 2015, 10, e0128249.	2.5	14
40	Evaluation and characterization of anti-estrogenic and anti-androgenic activities in soil samples along the Second Songhua River, China. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 724.	2.7	5
41	Screening and assessment of solidification/stabilization amendments suitable for soils of lead-acid battery contaminated site. <i>Journal of Hazardous Materials</i> , 2015, 288, 140-146.	12.4	55
42	Contamination features and health risk of soil heavy metals in China. <i>Science of the Total Environment</i> , 2015, 512-513, 143-153.	8.0	1,026
43	Soil microbial community response to seawater intrusion into coastal aquifer of Donghai Island, South China. <i>Environmental Earth Sciences</i> , 2014, 72, 3329-3338.	2.7	16
44	The spatio-temporal variability of annual precipitation and its local impact factors during 1724-2010 in Beijing, China. <i>Hydrological Processes</i> , 2014, 28, 2192-2201.	2.6	34
45	Detection of denitrification on six soils in Jilin City of Northeast China. <i>WIT Transactions on the Built Environment</i> , 2014, , .	0.0	0
46	Reconstruction and Optimization of Tritium Time Series in Precipitation of Beijing, China. <i>Radiocarbon</i> , 2013, 55, 67-79.	1.8	4
47	Reconstruction and Optimization of Tritium Time Series in Precipitation of Beijing, China. <i>Radiocarbon</i> , 2013, 55, 67-79.	1.8	16
48	The Risk Assessment of Groundwater Pollution in the Dawu Water Source. , 2012, , .		0
49	Comparison and Selection of the Method for Reconstructing Tritium Concentration Series in Precipitation. , 2012, , .		0
50	Characteristics of Environmental Incidents and Environmental Risk Management in China. , 2012, , .		0
51	Assessment of the Groundwater Renewability in Beijing Plain Area. , 2011, , .		0
52	Iron Isotope Compositions of Natural River and Lake Samples in the Karst Area, Guizhou Province, Southwest China. <i>Acta Geologica Sinica</i> , 2011, 85, 712-722.	1.4	26
53	The analyses of environmental pollution accidents from 1992 to 2008 in China and the management proposals. , 2011, , .		0
54	Water-rock interaction simulation of groundwater in the Yongding River alluvial fan of Beijing plain. , 2011, , .		1

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55	Notice of Retraction: Phreatic Vulnerability Evaluation in Haerbin Section of Songhua River. , 2011, , .		0
56	Notice of Retraction: Hydrochemical and Isotopic Characteristics of Spring Water in Beijing and Their Environmental Implications. , 2011, , .		0
57	Sorption of strontium and fractal scaling of the heterogeneous media in a candidate VLLW disposal site. Journal of Radioanalytical and Nuclear Chemistry, 2010, 283, 319-328.	1.5	7
58	Groundwater Quality Assessment and Its Influences on the Surface Water in Quanzhou Coastal Area. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	0
59	Sorption and retardation of strontium in fine-particle media from a VLLW disposal site. Journal of Radioanalytical and Nuclear Chemistry, 2009, 279, 893-899.	1.5	11
60	Environmentally geochemical characteristics of vanadium in the topsoil in the Panzhihua mining area, Sichuan Province, China. Diqiu Huaxue, 2009, 28, 105-111.	0.5	20
61	Geochemical baseline of trace elements in the sediment in Dexing area, South China. Environmental Geology, 2009, 57, 1649-1660.	1.2	55
62	Environmental geochemistry and ecological risk of vanadium pollution in Panzhihua mining and smelting area, Sichuan, China. Diqiu Huaxue, 2006, 25, 379-385.	0.5	73
63	The distribution and speciation characteristics of vanadium in typical cultivated soils. International Journal of Environmental Analytical Chemistry, 0, , 1-14.	3.3	1