

Peiyue Li

List of Publications by Year in descending order

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116
papers

10,624
citations

27035

58
h-index

38517

99
g-index

125
all docs

125
docs citations

125
times ranked

4017
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of hydraulic conductivity and porosity of a heterogeneous porous aquifer by combining transition probability geostatistical simulation, geophysical survey, and pumping test data. <i>Environment, Development and Sustainability</i> , 2023, 25, 7713-7736.	2.7	11
2	Seasonal Hydrochemical Characteristics, Geochemical Evolution, and Pollution Sources of Lake Sha in an Arid and Semiarid Region of Northwest China. <i>Exposure and Health</i> , 2023, 15, 231-244.	2.8	14
3	Occurrence, Controlling Factors and Health Risks of Cr6+ in Groundwater in the Guanzhong Basin of China. <i>Exposure and Health</i> , 2022, 14, 239-251.	2.8	62
4	Groundwater contamination risk assessment using a modified DRATICL model and pollution loading: A case study in the Guanzhong Basin of China. <i>Chemosphere</i> , 2022, 291, 132695.	4.2	50
5	Appraisal of shallow groundwater quality with human health risk assessment in different seasons in rural areas of the Guanzhong Plain (China). <i>Environmental Research</i> , 2022, 207, 112210.	3.7	84
6	Source Identification and Potential Ecological Risk Assessment of Heavy Metals in the Topsoil of the Weining Plain (Northwest China). <i>Exposure and Health</i> , 2022, 14, 281-294.	2.8	39
7	Appraisal of water quality and ecological sensitivity with reference to riverfront development along the River Gomti, India. <i>Applied Water Science</i> , 2022, 12, 1.	2.8	17
8	Remediation of cadmium contaminated soil by modified gangue material: Characterization, performance and mechanisms. <i>Chemosphere</i> , 2022, 290, 133347.	4.2	16
9	Groundwater Quality in and Around a Landfill in Northwest China: Characteristic Pollutant Identification, Health Risk Assessment, and Controlling Factor Analysis. <i>Exposure and Health</i> , 2022, 14, 885-901.	2.8	63
10	Identification and apportionment of shallow groundwater nitrate pollution in Weining Plain, northwest China, using hydrochemical indices, nitrate stable isotopes, and the new Bayesian stable isotope mixing model (MixSIAR). <i>Environmental Pollution</i> , 2022, 298, 118852.	3.7	92
11	Quantification of health and environmental risks due to radionuclides in limestone mining regions of Ariyalur, South India. <i>Human and Ecological Risk Assessment (HERA)</i> , 2022, 28, 243-264.	1.7	10
12	Hydrochemical characteristics, hydrochemical processes and recharge sources of the geothermal systems in Lanzhou City, northwestern China. <i>Urban Climate</i> , 2022, 43, 101152.	2.4	34
13	Sustainable water resources development and management in large river basins: an introduction. <i>Environmental Earth Sciences</i> , 2022, 81, 179.	1.3	39
14	Dominant factors influencing changes in the water quantity and quality in the Dianshi Reservoir, East China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2022, 28, 387-407.	1.7	11
15	Medical Geology and Medical Geochemistry: An Editorial Introduction. <i>Exposure and Health</i> , 2022, , 1-2.	2.8	8
16	Integration of Heavy Metal Pollution Indices and Health Risk Assessment of Groundwater in Semi-arid Coastal Aquifers, South Africa. <i>Exposure and Health</i> , 2022, 14, 487-502.	2.8	15
17	Adsorption behavior of aged polybutylece terephthalate microplastics coexisting with Cd(II)-tetracycline. <i>Chemosphere</i> , 2022, 301, 134789.	4.2	26
18	Identifying strontium sources of flowback fluid and groundwater pollution using 87Sr/86Sr and geochemical model in Sulige gasfield, China. <i>Chemosphere</i> , 2022, 306, 135594.	4.2	15

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19	Groundwater quality for potable and irrigation uses and associated health risk in southern part of Gu'an County, North China Plain. <i>Environmental Geochemistry and Health</i> , 2021, 43, 813-835.	1.8	74
20	Hydrogeochemical evaluation, suitability, and health risk assessment of groundwater in the watershed of Godavari basin, Maharashtra, Central India. <i>Environmental Science and Pollution Research</i> , 2021, 28, 18471-18494.	2.7	70
21	Poor groundwater quality and high potential health risks in the Datong Basin, northern China: research from published data. <i>Environmental Geochemistry and Health</i> , 2021, 43, 791-812.	1.8	122
22	Hydrogeochemical Processes Affecting Groundwater Chemistry in the Central Part of the Guanzhong Basin, China. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 80, 74-91.	2.1	118
23	Impact of precipitation disparity on groundwater fluctuation in a semi-arid region (Vellore district) of southern India using geospatial techniques. <i>Environmental Science and Pollution Research</i> , 2021, 28, 18539-18551.	2.7	8
24	Removal of Cadmium from Contaminated Groundwater Using a Novel Silicon/Aluminum Nanomaterial: An Experimental Study. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 80, 234-247.	2.1	41
25	Groundwater quality evolution based on geochemical modeling and aptness testing for ingestion using entropy water quality and total hazard indexes in an urban-industrial area (Tiruppur) of Southern India. <i>Environmental Science and Pollution Research</i> , 2021, 28, 18523-18538.	2.7	40
26	Mercury pollution in the coastal Urmia aquifer in northwestern Iran: potential sources, mobility, and toxicity. <i>Environmental Science and Pollution Research</i> , 2021, 28, 17546-17562.	2.7	38
27	Trace elements speciation and sources characterization in the main watercourses, middle-upper Egypt. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021, 27, 1764-1785.	1.7	16
28	An integrated statistical-graphical approach for the appraisal of the natural background levels of some major ions and potentially toxic elements in the groundwater of Urmia aquifer, Iran. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	27
29	Insight into the evolution of microbial community and antibiotic resistance genes in anammox process induced by copper after recovery from oxytetracycline stress. <i>Bioresource Technology</i> , 2021, 330, 124945.	4.8	22
30	Groundwater quality, health risk, and major influencing factors in the lower Beiluo River watershed of northwest China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021, 27, 1987-2013.	1.7	50
31	Water quality characteristics and health risk assessment of main water supply reservoirs in Taizhou City, East China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2021, 27, 2142-2160.	1.7	20
32	Prediction of daily chlorophyll-a concentration in rivers by water quality parameters using an efficient data-driven model: online sequential extreme learning machine. <i>Acta Geophysica</i> , 2021, 69, 2339-2361.	1.0	8
33	Sources and Consequences of Groundwater Contamination. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 80, 1-10.	2.1	268
34	Occurrence and distribution of nutrients and trace metals in groundwater in an intensively irrigated region, Luvuvhu catchment, South Africa. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	4
35	Health Risk of the Shallow Groundwater and Its Suitability for Drinking Purpose in Tongchuan, China. <i>Water (Switzerland)</i> , 2021, 13, 3256.	1.2	34
36	Spatial analysis of groundwater quality and human health risk assessment in parts of Raebareli district, India. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	33

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37	Statistical and multivariate statistical techniques to trace the sources and affecting factors of groundwater pollution in a rapidly growing city on the Chinese Loess Plateau. Human and Ecological Risk Assessment (HERA), 2020, 26, 1603-1621.	1.7	197
38	Entropy water quality index and probabilistic health risk assessment from geochemistry of groundwaters in hard rock terrain of Nanganur County, South India. Chemie Der Erde, 2020, 80, 125544.	0.8	85
39	Groundwater quality under land use/land cover changes: A temporal study from 2005 to 2015 in Xi'an, Northwest China. Human and Ecological Risk Assessment (HERA), 2020, 26, 2771-2797.	1.7	80
40	A MATLAB based graphical user interface (GUI) for quickly producing widely used hydrogeochemical diagrams. Chemie Der Erde, 2020, 80, 125550.	0.8	62
41	To Make the Water Safer. Exposure and Health, 2020, 12, 337-342.	2.8	45
42	Meeting the environmental challenges. Human and Ecological Risk Assessment (HERA), 2020, 26, 2303-2315.	1.7	21
43	Groundwater quality assessment and application of multivariate statistical analysis in Luvuvhu catchment, Limpopo, South Africa. Journal of African Earth Sciences, 2020, 171, 103967.	0.9	41
44	Hydrogeochemical Processes and Trace Metal Contamination in Groundwater: Impact on Human Health in the Maputaland Coastal Aquifer, South Africa. Exposure and Health, 2020, 12, 403-426.	2.8	61
45	Set Pair Analysis in Earth and Environmental Sciences: Development, Challenges, and Future Prospects. Exposure and Health, 2020, 12, 343-354.	2.8	21
46	Groundwater Arsenic and Fluoride and Associated Arsenicosis and Fluorosis in China: Occurrence, Distribution and Management. Exposure and Health, 2020, 12, 355-368.	2.8	186
47	Solute geochemistry and groundwater quality for drinking and irrigation purposes: a case study in Xinle City, North China. Chemie Der Erde, 2020, 80, 125609.	0.8	87
48	Surface Water Pollution in the Middle Chinese Loess Plateau with Special Focus on Hexavalent Chromium (Cr6+): Occurrence, Sources and Health Risks. Exposure and Health, 2020, 12, 385-401.	2.8	147
49	Occurrence, health risks, and geochemical mechanisms of fluoride and nitrate in groundwater of the rock-dominant semi-arid region, Telangana State, India. Human and Ecological Risk Assessment (HERA), 2019, 25, 81-103.	1.7	245
50	Drinking Water Quality and Public Health. Exposure and Health, 2019, 11, 73-79.	2.8	235
51	Water in Loess., 2019,, 183-198.		0
52	Deciphering groundwater potential zones using MIF technique and GIS: A study from Tirupati area, Chittoor District, Andhra Pradesh, India. HydroResearch, 2019, 1, 1-7.	1.7	71
53	Sustainable living with risks: meeting the challenges. Human and Ecological Risk Assessment (HERA), 2019, 25, 1-10.	1.7	87
54	Spatial groundwater quality and potential health risks due to nitrate ingestion through drinking water: A case study in Yan'an City on the Loess Plateau of northwest China. Human and Ecological Risk Assessment (HERA), 2019, 25, 11-31.	1.7	247

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55	Solute Geochemistry and Multivariate Analysis of Water Quality in the Guohua Phosphorite Mine, Guizhou Province, China. <i>Exposure and Health</i> , 2019, 11, 81-94.	2.8	239
56	Occurrence and Health Implication of Fluoride in Groundwater of Loess Aquifer in the Chinese Loess Plateau: A Case Study of Tongchuan, Northwest China. <i>Exposure and Health</i> , 2019, 11, 95-107.	2.8	292
57	Evaluation of groundwater contamination for fluoride and nitrate in semi-arid region of Nirmal Province, South India: A special emphasis on human health risk assessment (HHRA). <i>Human and Ecological Risk Assessment (HERA)</i> , 2019, 25, 1107-1124.	1.7	214
58	Mine Water Problems and Solutions in China. <i>Mine Water and the Environment</i> , 2018, 37, 217-221.	0.9	77
59	Hydrogeochemical Evaluation of Groundwater Quality for Drinking and Irrigation Purposes and Integrated Interpretation with Water Quality Index Studies. <i>Environmental Processes</i> , 2018, 5, 363-383.	1.7	264
60	Water resources research to support a sustainable China. <i>International Journal of Water Resources Development</i> , 2018, 34, 327-336.	1.2	179
61	Geochemistry, Hydraulic Connectivity and Quality Appraisal of Multilayered Groundwater in the Hongdunzi Coal Mine, Northwest China. <i>Mine Water and the Environment</i> , 2018, 37, 222-237.	0.9	225
62	Evaluation of groundwater quality, Peddavagu in Central Telangana (PCT), South India: an insight of controlling factors of fluoride enrichment. <i>Modeling Earth Systems and Environment</i> , 2018, 4, 841-852.	1.9	110
63	Conjunctive use of groundwater and surface water to reduce soil salinization in the Yinchuan Plain, North-West China. <i>International Journal of Water Resources Development</i> , 2018, 34, 337-353.	1.2	159
64	Seasonal Hydrochemical Characterization and Groundwater Quality Delineation Based on Matter Element Extension Analysis in a Paper Wastewater Irrigation Area, Northwest China. <i>Exposure and Health</i> , 2018, 10, 241-258.	2.8	96
65	Groundwater quality assessment for domestic and agricultural purposes in Yan'an City, northwest China: implications to sustainable groundwater quality management on the Loess Plateau. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	153
66	Water resource development and protection in loess areas of the world: a summary to the thematic issue of water in loess. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	67
67	Water in Loess. , 2018, , 1-17.		27
68	Spatiotemporal Variability of Contaminants in Lake Water and Their Risks to Human Health: A Case Study of the Shahu Lake Tourist Area, Northwest China. <i>Exposure and Health</i> , 2017, 9, 213-225.	2.8	134
69	Finding harmony between the environment and humanity: an introduction to the thematic issue of the Silk Road. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	115
70	Progress, opportunities, and key fields for groundwater quality research under the impacts of human activities in China with a special focus on western China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13224-13234.	2.7	293
71	Cultivating hope for a better future: research contributions from young scholars in earth and environmental sciences. <i>Environmental Science and Pollution Research</i> , 2017, 24, 13149-13153.	2.7	3
72	Distribution, enrichment and sources of trace metals in the topsoil in the vicinity of a steel wire plant along the Silk Road economic belt, northwest China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	59

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73	Appraising Groundwater Quality and Health Risks from Contamination in a Semiarid Region of Northwest China. <i>Exposure and Health</i> , 2016, 8, 361-379.	2.8	314
74	Regulation of secondary soil salinization in semi-arid regions: a simulation research in the Nanshantaizi area along the Silk Road, northwest China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	53
75	Groundwater Quality in Western China: Challenges and Paths Forward for Groundwater Quality Research in Western China. <i>Exposure and Health</i> , 2016, 8, 305-310.	2.8	128
76	Preliminary assessment of hydraulic connectivity between river water and shallow groundwater and estimation of their transfer rate during dry season in the Shidi River, China. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	71
77	Major Ion Chemistry and Quality Assessment of Groundwater in and Around a Mountainous Tourist Town of China. <i>Exposure and Health</i> , 2016, 8, 239-252.	2.8	141
78	Hydrogeochemical Characterization of Groundwater in and Around a Wastewater Irrigated Forest in the Southeastern Edge of the Tengger Desert, Northwest China. <i>Exposure and Health</i> , 2016, 8, 331-348.	2.8	278
79	Hydrochemical appraisal of groundwater quality for drinking and irrigation purposes and the major influencing factors: a case study in and around Hua County, China. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	253
80	Hydrochemical characterization of drinking groundwater with special reference to fluoride in an arid area of China and the control of aquifer leakage on its concentrations. <i>Environmental Earth Sciences</i> , 2015, 73, 8575-8588.	1.3	226
81	Heavy metal contamination of Yellow River alluvial sediments, northwest China. <i>Environmental Earth Sciences</i> , 2015, 73, 3403-3415.	1.3	95
82	On the sensitivity of entropy weight to sample statistics in assessing water quality: statistical analysis based on large stochastic samples. <i>Environmental Earth Sciences</i> , 2015, 74, 2185-2195.	1.3	62
83	Building a new and sustainable "Silk Road economic belt". <i>Environmental Earth Sciences</i> , 2015, 74, 7267-7270.	1.3	261
84	Hydrogeochemistry and Quality Assessment of Shallow Groundwater in the Southern Part of the Yellow River Alluvial Plain (Zhongwei Section), Northwest China. <i>Earth Sciences Research Journal</i> , 2014, 18, 27-38.	0.4	100
85	Occurrence and hydrogeochemistry of fluoride in alluvial aquifer of Weihe River, China. <i>Environmental Earth Sciences</i> , 2014, 71, 3133-3145.	1.3	205
86	Determining the optimal pumping duration of transient pumping tests for estimating hydraulic properties of leaky aquifers using global curve-fitting method: a simulation approach. <i>Environmental Earth Sciences</i> , 2014, 71, 293-299.	1.3	15
87	Origin and assessment of groundwater pollution and associated health risk: a case study in an industrial park, northwest China. <i>Environmental Geochemistry and Health</i> , 2014, 36, 693-712.	1.8	233
88	Comparison of three methods of hydrogeological parameter estimation in leaky aquifers using transient flow pumping tests. <i>Hydrological Processes</i> , 2014, 28, 2293-2301.	1.1	23
89	Phoebe Koundouri. (2011). <i>Water Resources Allocation: Policy and Socioeconomic Issues in Cyprus</i> , Springer, Global Issues in Water Policy Series, Vol. 1, 164p, Hardcover ISBN 978-90-481-9824-5. <i>Water Resources Management</i> , 2014, 28, 2381-2385.	1.9	1
90	Assessment of soil salinization based on a low-cost method and its influencing factors in a semi-arid agricultural area, northwest China. <i>Environmental Earth Sciences</i> , 2014, 71, 3465-3475.	1.3	112

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91	Anthropogenic pollution and variability of manganese in alluvial sediments of the Yellow River, Ningxia, northwest China. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 1385-1398.	1.3	109
92	Using correlation and multivariate statistical analysis to identify hydrogeochemical processes affecting the major ion chemistry of waters: a case study in Laoheba phosphorite mine in Sichuan, China. <i>Arabian Journal of Geosciences</i> , 2014, 7, 3973-3982.	0.6	260
93	Stable oxygen and hydrogen isotopes as indicators of lake water recharge and evaporation in the lakes of the Yinchuan Plain. <i>Hydrological Processes</i> , 2014, 28, 3554-3562.	1.1	97
94	Environment: Accelerate research on land creation. <i>Nature</i> , 2014, 510, 29-31.	13.7	234
95	A system-theory-based model for monthly river runoff forecasting: model calibration and optimization. <i>Journal of Hydrology and Hydromechanics</i> , 2014, 62, 82-88.	0.7	21
96	Global curve-fitting for determining the hydrogeological parameters of leaky confined aquifers by transient flow pumping test. <i>Arabian Journal of Geosciences</i> , 2013, 6, 2745-2753.	0.6	25
97	Isotopic characteristics of precipitation, surface and ground waters in the Yinchuan plain, Northwest China. <i>Environmental Earth Sciences</i> , 2013, 70, 57-70.	1.3	91
98	Assessment of groundwater quality for irrigation purposes and identification of hydrogeochemical evolution mechanisms in Pengyang County, China. <i>Environmental Earth Sciences</i> , 2013, 69, 2211-2225.	1.3	248
99	Major Ion Chemistry of Shallow Groundwater in the Dongsheng Coalfield, Ordos Basin, China. <i>Mine Water and the Environment</i> , 2013, 32, 195-206.	0.9	202
100	Groundwater Pollution in and Around a Paper Wastewater-Irrigated Area, Northwest China. , 2013, , .		8
101	Sensitivity analysis of TOPSIS method in water quality assessment: I. Sensitivity to the parameter weights. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 2453-2461.	1.3	95
102	Sensitivity analysis of TOPSIS method in water quality assessment II: sensitivity to the index input data. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 2463-2474.	1.3	23
103	Variations of Hydrogeochemical Characteristics of Shallow Groundwater Caused by Agricultural Activities. <i>Asian Journal of Chemistry</i> , 2013, 25, 7441-7444.	0.1	4
104	Mixing Precipitation of CaCO ₃ in Natural Waters. <i>Water (Switzerland)</i> , 2013, 5, 1712-1722.	1.2	9
105	Environmental Chemistry of Groundwater Near an Industrial Area, Northwest China. <i>Asian Journal of Chemistry</i> , 2013, 25, 9795-9799.	0.1	18
106	Assessment of groundwater vulnerability in the Yinchuan Plain, Northwest China using OREADIC. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 3613-3628.	1.3	114
107	Groundwater quality assessment based on rough sets attribute reduction and TOPSIS method in a semi-arid area, China. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 4841-4854.	1.3	101
108	Study on the Hydrogeochemistry and Non-carcinogenic Health Risk Induced by Fluoride in Pengyang County, China. <i>International Journal of Environmental Sciences</i> , 2012, 2, .	0.2	7

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109	Mixing Corrosion of CaCO ₃ in Natural Waters. E-Journal of Chemistry, 2011, 8, 1124-1131.	0.4	8
110	Groundwater Quality in Jingyuan County, a Semi-Humid Area in Northwest China. E-Journal of Chemistry, 2011, 8, 787-793.	0.4	56
111	Hydrochemical Characteristics and Evolution Laws of Drinking Groundwater in Pengyang County, Ningxia, Northwest China. E-Journal of Chemistry, 2011, 8, 565-575.	0.4	22
112	Formation of the River Water Chemistry in the Middle Section of Dousitu River, China. E-Journal of Chemistry, 2011, 8, 727-738.	0.4	2
113	Calculation of pH Values for Mixed Waters. E-Journal of Chemistry, 2011, 8, 657-664.	0.4	4
114	Application of system theory in the calculation of groundwater resources availability in Balasu water source. , 2011, , .		2
115	Geochemical Characteristics and Medical Values of Geothermal Water in Xi'an. , 2009, , .		2
116	Interactions between surface water and groundwater in selected tributaries of the Wei River (China) revealed by hydrochemistry and stable isotopes. Human and Ecological Risk Assessment (HERA), 0, , 1-21.	1.7	25