

# Ye-Shuang Xu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73  
papers

3,179  
citations

34  
h-index

55  
g-index

74  
ext. papers

3,693  
ext. citations

3.5  
avg, IF

5.98  
L-index

#	Paper	IF	Citations
73	Analysis of Characteristics of Roof Fall Collapse of Coal Mine in Qinghai Province, China. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 1184	2.6	2
72	Data on point cloud scanning and ground radar of composite lining in jointly constructed tunnel. <i>Data in Brief</i> , <b>2022</b> , 41, 107993	1.2	1
71	Influence of Filter Tube of Pumping Well on Groundwater Drawdown during Deep Foundation Pit Dewatering. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 3297	3	1
70	Effects of groundwater exploitation and recharge on land subsidence and infrastructure settlement patterns in Shanghai. <i>Engineering Geology</i> , <b>2021</b> , 282, 105995	6	8
69	Novel model for risk identification during karst excavation. <i>Reliability Engineering and System Safety</i> , <b>2021</b> , 209, 107435	6.3	28
68	A diffusion model for backfill grout behind shield tunnel lining. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , <b>2021</b> , 45, 457-477	4	13
67	Impact of the Depth of Diaphragm Wall on the Groundwater Drawdown during Foundation Dewatering Considering Anisotropic Permeability of Aquifer. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 418	3	4
66	Risk assessment and management of excavation system based on fuzzy set theory and machine learning methods. <i>Automation in Construction</i> , <b>2021</b> , 122, 103490	9.6	46
65	Non-linear spring model for backfill grout-consolidation behind shield tunnel lining. <i>Computers and Geotechnics</i> , <b>2021</b> , 136, 104235	4.4	8
64	Lesson Learned from Catastrophic Floods in Western Japan in 2018: Sustainable Perspective Analysis. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2489	3	1
63	Water Inrush Hazards in the Chaoyang Tunnel, Guizhou, China: A Preliminary Investigation. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 1083	3	13
62	Experimental Evaluation of Aging Characteristics of EPDM as a Sealant for Undersea Shield Tunnels. <i>Journal of Materials in Civil Engineering</i> , <b>2020</b> , 32, 04020182	3	21
61	Perspective Review on Subsea Jet Trenching Technology and Modeling. <i>Journal of Marine Science and Engineering</i> , <b>2020</b> , 8, 460	2.4	1
60	Geological environment problems during metro shield tunnelling in Shenzhen, China. <i>Arabian Journal of Geosciences</i> , <b>2020</b> , 13, 1	1.8	10
59	Ground Response due to Construction of Shallow Pipe-Jacked Tunnels in Sandy Soil: Laboratory Investigation. <i>Journal of Testing and Evaluation</i> , <b>2020</b> , 48, 20170217	1	3
58	Distribution characteristics and utilization of shallow geothermal energy in China. <i>Energy and Buildings</i> , <b>2020</b> , 229, 110479	7	15
57	Investigation on Performance of Neural Networks Using Quadratic Relative Error Cost Function. <i>IEEE Access</i> , <b>2019</b> , 7, 106642-106652	3.5	36

56	Land Subsidence Control Zone and Policy for the Environmental Protection of Shanghai. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	13
55	New Policy and Implementation of Municipal Solid Waste Classification in Shanghai, China. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	38
54	Analysis of Production Safety in the Construction Industry of China in 2018. <i>Sustainability</i> , <b>2019</b> , 11, 4537-4546	3.6	16
53	Experimental investigation on the blocking of groundwater seepage from a waterproof curtain during pumped dewatering in an excavation. <i>Hydrogeology Journal</i> , <b>2019</b> , 27, 2659-2672	3.1	61
52	Optimization of EPB Shield Performance with Adaptive Neuro-Fuzzy Inference System and Genetic Algorithm. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 780	2.6	57
51	Evaluation of optimized depth of waterproof curtain to mitigate negative impacts during dewatering. <i>Journal of Hydrology</i> , <b>2019</b> , 577, 123969	6	54
50	Evaluation of foam conditioning effect on groundwater inflow at tunnel cutting face. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , <b>2019</b> , 43, 463-481	4	40
49	Design of sponge city: Lessons learnt from an ancient drainage system in Ganzhou, China. <i>Journal of Hydrology</i> , <b>2018</b> , 563, 900-908	6	67
48	Prediction of Ground Deformation during Pipe-Jacking Considering Multiple Factors. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 1051	2.6	19
47	Landslide Event on 24 June in Sichuan Province, China: Preliminary Investigation and Analysis. <i>Geosciences (Switzerland)</i> , <b>2018</b> , 8, 39	2.7	11
46	Analytical approach for time-dependent groundwater inflow into shield tunnel face in confined aquifer. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , <b>2018</b> , 42, 655-673	4	76
45	Flooding Hazards across Southern China and Prospective Sustainability Measures. <i>Sustainability</i> , <b>2018</b> , 10, 1682	3.6	29
44	Geological and hydrogeological environment with geohazards during underground construction in Hangzhou: a review. <i>Arabian Journal of Geosciences</i> , <b>2018</b> , 11, 1	1.8	15
43	Investigation of hydraulic parameters of a weathered mylonite fault from field pumping tests: A case study. <i>Bulletin of Engineering Geology and the Environment</i> , <b>2017</b> , 76, 1431-1448	4	10
42	Dewatering induced subsidence during excavation in a Shanghai soft deposit. <i>Environmental Earth Sciences</i> , <b>2017</b> , 76, 1	2.9	20
41	Risk and impacts on the environment of free-phase biogas in quaternary deposits along the Coastal Region of Shanghai. <i>Ocean Engineering</i> , <b>2017</b> , 137, 129-137	3.9	39
40	Sustainable Measures for Mitigation of Flooding Hazards: A Case Study in Shanghai, China. <i>Water (Switzerland)</i> , <b>2017</b> , 9, 310	3	9
39	Evaluation of Effective Depth of PVD Improvement in Soft Clay Deposit: A Field Case Study. <i>Marine Georesources and Geotechnology</i> , <b>2016</b> , 34, 420-430	2.2	31

38	Geological difficulties and countermeasures for socket diaphragm walls in weathered granite in Shenzhen, China. <i>Bulletin of Engineering Geology and the Environment</i> , <b>2016</b> , 75, 263-273	4	16
37	Investigation into pluvial flooding hazards caused by heavy rain and protection measures in Shanghai, China. <i>Natural Hazards</i> , <b>2016</b> , 83, 1301-1320	3	20
36	Ground fissures in Xi'an and measures to prevent damage to the Metro tunnel system due to geohazards. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	34
35	Ground Response to Multiple Parallel Microtunneling Operations in Cemented Silty Clay and Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2016</b> , 142, 04016001	3.4	120
34	Analysis of Factors in Land Subsidence in Shanghai: A View Based on a Strategic Environmental Assessment. <i>Sustainability</i> , <b>2016</b> , 8, 573	3.6	101
33	Chinese karst geology and measures to prevent geohazards during shield tunnelling in karst region with caves. <i>Natural Hazards</i> , <b>2015</b> , 77, 129-152	3	85
32	Characteristics of groundwater seepage with cut-off wall in gravel aquifer. II: Numerical analysis. <i>Canadian Geotechnical Journal</i> , <b>2015</b> , 52, 1539-1549	3.2	82
31	Characteristics of groundwater seepage with cut-off wall in gravel aquifer. I: Field observations. <i>Canadian Geotechnical Journal</i> , <b>2015</b> , 52, 1526-1538	3.2	86
30	Mitigation of geohazards during deep excavations in karst regions with caverns: A case study. <i>Engineering Geology</i> , <b>2015</b> , 195, 16-27	6	40
29	Environmental protection using dewatering technology in a deep confined aquifer beneath a shallow aquifer. <i>Engineering Geology</i> , <b>2015</b> , 196, 59-70	6	51
28	Investigation into subsidence hazards due to groundwater pumping from Aquifer II in Changzhou, China. <i>Natural Hazards</i> , <b>2015</b> , 78, 281-296	3	36
27	Evaluation of hydraulic parameters from pumping tests in multi-aquifers with vertical leakage in Tianjin. <i>Computers and Geotechnics</i> , <b>2015</b> , 68, 196-207	4.4	93
26	Evaluation of effect of basal geotextile reinforcement under embankment loading on soft marine deposits. <i>Geotextiles and Geomembranes</i> , <b>2015</b> , 43, 506-514	5.2	81
25	Evaluation of hydraulic conductivity for both marine and deltaic deposits based on piezocone testing. <i>Ocean Engineering</i> , <b>2015</b> , 110, 174-182	3.9	99
24	Mining-induced geo-hazards with environmental protection measures in Yunnan, China: an overview. <i>Bulletin of Engineering Geology and the Environment</i> , <b>2015</b> , 74, 141-150	4	24
23	Behaviour of multi-aquifer system during pumping test. <i>Japanese Geotechnical Society Special Publication</i> , <b>2015</b> , 1, 15-18	0.2	1
22	Longitudinal deformation pattern of shield tunnel structure and analytical models: a review. <i>Japanese Geotechnical Society Special Publication</i> , <b>2015</b> , 1, 1-4	0.2	1
21	Rapid field evaluation of the strength of cement-stabilized clayey soil. <i>Bulletin of Engineering Geology and the Environment</i> , <b>2015</b> , 74, 991-999	4	18

20	Field performance of concrete pipes during jacking in cemented sandy silt. <i>Tunnelling and Underground Space Technology</i> , <b>2015</b> , 49, 336-344	5.7	43
19	Construction measures to prevent hazards in karst cave ground under soft sand strata. <i>Japanese Geotechnical Society Special Publication</i> , <b>2015</b> , 1, 52-55	0.2	2
18	Jet grouting for mitigation of installation disturbance. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , <b>2014</b> , 167, 526-536	0.9	36
17	Leaking behavior of shield tunnels under the Huangpu River of Shanghai with induced hazards. <i>Natural Hazards</i> , <b>2014</b> , 70, 1115-1132	3	87
16	Environmental impacts caused by phosphate mining and ecological restoration: a case history in Kunming, China. <i>Natural Hazards</i> , <b>2014</b> , 74, 755-770	3	11
15	Evaluation of the blocking effect of retaining walls on groundwater seepage in aquifers with different insertion depths. <i>Engineering Geology</i> , <b>2014</b> , 183, 254-264	6	93
14	Evaluation of the hydraulic conductivity of aquifers with piles. <i>Hydrogeology Journal</i> , <b>2014</b> , 22, 371-382	3.1	63
13	Evaluation of allowable withdrawn volume of groundwater based on observed data. <i>Natural Hazards</i> , <b>2013</b> , 67, 513-522	3	33
12	Modelling the cutoff behavior of underground structure in multi-aquifer-aquitard groundwater system. <i>Natural Hazards</i> , <b>2013</b> , 66, 731-748	3	80
11	Interpretation of increased deformation rate in aquifer IV due to groundwater pumping in Shanghai. <i>Canadian Geotechnical Journal</i> , <b>2013</b> , 50, 1129-1142	3.2	130
10	Analysis of urbanisation-induced land subsidence in Shanghai. <i>Natural Hazards</i> , <b>2012</b> , 63, 1255-1267	3	108
9	Evaluation of land subsidence by considering underground structures that penetrate the aquifers of Shanghai, China. <i>Hydrogeology Journal</i> , <b>2012</b> , 20, 1623-1634	3.1	89
8	Long-term settlement behavior of ground around shield tunnel due to leakage of water in soft deposit of Shanghai. <i>Frontiers of Architecture and Civil Engineering in China</i> , <b>2011</b> , 5, 194-198		21
7	Numerical evaluation of land subsidence induced by groundwater pumping in Shanghai. <i>Canadian Geotechnical Journal</i> , <b>2011</b> , 48, 1378-1392	3.2	268
6	Geo-hazards with characteristics and prevention measures along the coastal regions of China. <i>Natural Hazards</i> , <b>2009</b> , 49, 479-500	3	19
5	Geological and hydrogeological environment in Shanghai with geohazards to construction and maintenance of infrastructures. <i>Engineering Geology</i> , <b>2009</b> , 109, 241-254	6	122
4	The state of land subsidence and prediction approaches due to groundwater withdrawal in China. <i>Natural Hazards</i> , <b>2008</b> , 45, 123-135	3	117
3	Estimation of Land Subsidence Based on Groundwater Flow Model. <i>Marine Georesources and Geotechnology</i> , <b>2006</b> , 24, 149-167	2.2	45

2	Real-time prediction of shield moving trajectory during tunnelling using GRU deep neural network. <i>Acta Geotechnica</i> ,1	4.9	6
1	Investigation on the phenomena and influence factors of urban ground collapse in China. <i>Natural Hazards</i> ,1	3	0