Yu Huang

List of Publications by Year in descending order

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176	3,818	182225	206121
papers	citations	30 h-index	51 g-index

194	194	194	2491
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PDEM-Based Seismic Performance Assessment of Retaining Walls Considering Spatial Variability of Soil Properties. Journal of Earthquake Engineering, 2022, 26, 52-69.	1.4	11
2	Challenges and perspectives in designing engineering structures against debris-flow disaster. European Journal of Environmental and Civil Engineering, 2022, 26, 4476-4497.	1.0	26
3	Review on key issues in centrifuge modeling of flow-structure interaction. European Journal of Environmental and Civil Engineering, 2022, 26, 2354-2370.	1.0	9
4	Insights into the dynamic and thermal characteristics of rockslide motion: a model experiment. Acta Geotechnica, 2022, 17, 221-230.	2.9	6
5	An InSAR and depth-integrated coupled model for potential landslide hazard assessment. Acta Geotechnica, 2022, 17, 3613-3632.	2.9	12
6	Effect of unsteady flow dynamics on the impact of monodisperse and bidisperse granular flow. Bulletin of Engineering Geology and the Environment, 2022, 81, 1.	1.6	4
7	Nonlinear Stochastic Dynamic Seismic Response Analysis of Slopes Based on Large Shaking Table Tests. , 2022, , 115-150.		0
8	Effects of Barrier Stiffness on Debris Flow Dynamic Impactâ€”I: Laboratory Flume Test. Water (Switzerland), 2022, 14, 177.	1.2	10
9	Dynamic Failure Mechanism and Post-failure Behavior Analysis of Slopes. , 2022, , 85-113.		0
10	Effects of Barrier Stiffness on Debris Flow Dynamic Impactâ€”II: Numerical Simulation. Water (Switzerland), 2022, 14, 182.	1.2	5
11	Numerical Simulation and Application of Slope Stochastic Seismic Response Analysis. , 2022, , 53-83.		0
12	Physical process-based runout modeling and hazard assessment of catastrophic debris flow using SPH incorporated with ArcGIS: A case study of the Hongchun gully. Catena, 2022, 212, 106052.	2.2	11
13	Effects of Crushing Characteristics on Rheological Characteristics of Particle Systems. Water (Switzerland), 2022, 14, 532.	1.2	3
14	Quantitative physical model of vulnerability of buildings to urban flow slides in construction solid waste landfills: a case study of the 2015 Shenzhen flow slide. Natural Hazards, 2022, 112, 1567-1587.	1.6	4
15	Impact behavior of superspeed granular flow: Insights from centrifuge modeling and DEM simulation. Engineering Geology, 2022, 299, 106569.	2.9	16
16	Shaking table tests on slope reinforced by anchored piles under random earthquake ground motions. Acta Geotechnica, 2022, 17, 4113-4130.	2.9	16
17	Mechanism and Prevention of Debris Flow Disaster. Water (Switzerland), 2022, 14, 1143.	1.2	2
18	Multi-objective optimization design of pile-anchor structures for slopes based on reliability theory considering the spatial variability of soil properties. Computers and Geotechnics, 2022, 147, 104751.	2.3	10

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19	A GPU-Based Î´-Plus-SPH Model for Non-Newtonian Multiphase Flows. Water (Switzerland), 2022, 14, 1734.	1.2	7
20	Experimental study on the shear characteristics of quartz sand exposed to high temperatures. Acta Geotechnica, 2022, 17, 5031-5041.	2.9	8
21	Effect of Particle Form and Surface Friction on Macroscopic Shear Flow Friction in Particle Flow System. Forests, 2022, 13, 1107.	0.9	3
22	Numerical and analytical analyses of the impact of monodisperse and bidisperse granular flows on a baffle structure. Landslides, 2022, 19, 2629-2651.	2.7	10
23	Unsteady overflow behavior of polydisperse granular flows against closed type barrier. Engineering Geology, 2021, 280, 105959.	2.9	15
24	Social Infrastructure Maintenance Notebook. , 2021, , .		1
25	Computational assessment of baffle performance against rapid granular flows. Landslides, 2021, 18, 485-501.	2.7	25
26	SPH modeling for soil mechanics with application to landslides. , 2021, , 257-289.		1
27	Simulation-based hazard management of a constructed landfill for flow slide scenario. Natural Hazards, 2021, 106, 1867-1878.	1.6	6
28	Flowâ€“Structure Interaction Mechanism under Coriolis Conditions. Journal of Engineering Mechanics - ASCE, 2021, 147, .	1.6	9
29	Seismic shaking-enhanced impact effect of granular flow challenges the barrier design strategy. Soil Dynamics and Earthquake Engineering, 2021, 143, 106655.	1.9	6
30	Performance of a nonlinear hybrid base isolation system under the ground motions. Soil Dynamics and Earthquake Engineering, 2021, 143, 106589.	1.9	70
31	Coupled Moving Particle Simulationâ€“Finite-Element Method Analysis of Fluidâ€“Structure Interaction in Geodisasters. International Journal of Geomechanics, 2021, 21, .	1.3	24
32	Micro-mechanism and efficiency of baffle structure in deceleration of granular flows. Acta Geotechnica, 2021, 16, 3667-3688.	2.9	17
33	Parametric study of structural parameters affecting seismic stability in slopes reinforced by pile-anchor structures. Soil Dynamics and Earthquake Engineering, 2021, 147, 106789.	1.9	16
34	Production-induced instability of a gentle submarine slope: Potential impact of gas hydrate exploitation with the huff-puff method. Engineering Geology, 2021, 289, 106174.	2.9	15
35	Recurrent neural networks for complicated seismic dynamic response prediction of a slope system. Engineering Geology, 2021, 289, 106198.	2.9	42
36	Effects of near-fault ground motions on dynamic response of slopes based on shaking table model tests. Soil Dynamics and Earthquake Engineering, 2021, 149, 106869.	1.9	18

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37	A phase-field crack model based on a directional strain decomposition and a stress-driven Crack-Opening Indicator. Computer Methods in Applied Mechanics and Engineering, 2021, 384, 113928.	3.4	6
38	Investigation of seismic behavior of slope reinforced by anchored pile structures using shaking table tests. Soil Dynamics and Earthquake Engineering, 2021, 150, 106900.	1.9	20
39	Stability Analysis of Rainfall-Triggered Toe-Cut Slopes and Effectiveness Evaluation of Pile-Anchor Structures. Journal of Earth Science (Wuhan, China), 2021, 32, 1104-1112.	1.1	21
40	Double-Frequency Microseisms on the Thick Unconsolidated Sediments in Eastern and Southeastern Coasts of United States: Sources and Applications on Seismic Site Effect Evaluation. Journal of Earth Science (Wuhan, China), 2021, 32, 1190-1201.	1.1	2
41	Preface to the Special Issue on Geo-Disasters. Journal of Earth Science (Wuhan, China), 2021, 32, 1053-1055.	1.1	1
42	A Comparative Study of the Seismic Performances and Failure Mechanisms of Slopes Using Dynamic Centrifuge Modeling. Journal of Earth Science (Wuhan, China), 2021, 32, 1166-1173.	1.1	8
43	Cut. , 2021, , 21-28.		0
44	Embankment. , 2021, , 11-19.		0
45	River Levee. , 2021, , 47-52.		0
46	Box Culvert. , 2021, , 123-132.		0
47	Tunnel. , 2021, , 73-82.		0
48	Waterworks and Sewage. , 2021, , 133-141.		0
49	Steel Bridge. , 2021, , 103-112.		0
50	SPH Simulation of High-Volume Rapid Landslides Triggered by Earthquakes Based on a Unified Constitutive Model. Part I: Initiation Process and Slope Failure. International Journal of Computational Methods, 2020, 17, 1850150.	0.8	10
51	SPH Simulation of High-Volume Rapid Landslides Triggered by Earthquakes Based on a Unified Constitutive Model. Part II: Solidâ€“Liquid-Like Phase Transition and Flow-Like Landslides. International Journal of Computational Methods, 2020, 17, 1850149.	0.8	12
52	Spatiotemporal destabilization modes of upper continental slopes undergoing hydrate dissociation. Engineering Geology, 2020, 264, 105286.	2.9	26
53	Numerical performance assessment of slope reinforcement using a pile-anchor structure under seismic loading. Soil Dynamics and Earthquake Engineering, 2020, 129, 105963.	1.9	21
54	Effect of slit size on the impact load against debris-flow mitigation dams. Engineering Geology, 2020, 274, 105764.	2.9	30

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55	Numerical Investigation of Multiple-Impact Behavior of Granular Flow on a Rigid Barrier. Water (Switzerland), 2020, 12, 3228.	1.2	11
56	Stochastic seismic response of a slope based on large-scale shaking-table tests. Engineering Geology, 2020, 277, 105782.	2.9	17
57	Particle Size Segregation in Granular Mass Flows With Different Ambient Fluids. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019536.	1.4	26
58	Static and Dynamic Reliability Analysis of Laterally Loaded Pile Using Probability Density Function Method. Journal of Marine Science and Engineering, 2020, 8, 994.	1.2	4
59	Features of Earthquake-Induced Seabed Liquefaction and Mitigation Strategies of Novel Marine Structures. Journal of Marine Science and Engineering, 2020, 8, 310.	1.2	9
60	Probabilistic Seismic-Stability Analysis of Slopes Considering the Coupling Effect of Random Ground Motions and Spatially-Variable Soil Properties. Natural Hazards Review, 2020, 21, .	0.8	16
61	Identifying the Frequency Dependent Interactions between Ocean Waves and the Continental Margin on Seismic Noise Recordings. Journal of Marine Science and Engineering, 2020, 8, 134.	1.2	4
62	Stochastic assessment of slope failure run-out triggered by earthquake ground motion. Natural Hazards, 2020, 101, 87-102.	1.6	13
63	Centrifuge modeling of seismic response and failure mode of a slope reinforced by a pile-anchor structure. Soil Dynamics and Earthquake Engineering, 2020, 131, 106037.	1.9	42
64	Dynamic failure processes and failure mechanism of soil slope under random earthquake ground motions. Soil Dynamics and Earthquake Engineering, 2020, 133, 106147.	1.9	13
65	Slope-Dynamic Reliability Analysis Considering Spatial Variability of Soil Parameters. International Journal of Geomechanics, 2020, 20, .	1.3	15
66	Solid-like and liquid-like granular flows on inclined surfaces under vibration â€“ Implications for earthquake-induced landslides. Computers and Geotechnics, 2020, 123, 103598.	2.3	24
67	Numerical simulation of the undrained stability of slopes in anisotropic fine-grained soils. Geomechanics and Geoengineering, 2019, 14, 18-29.	0.9	6
68	A conservative and consistent Lagrangian gradient smoothing method for earthquake-induced landslide simulation. Engineering Geology, 2019, 260, 105226.	2.9	18
69	A local Lagrangian gradient smoothing method for fluids and fluid-like solids: A novel particle-like method. Engineering Analysis With Boundary Elements, 2019, 107, 96-114.	2.0	18
70	PDEM-based stochastic seismic response analysis of sites with spatially variable soil properties. Soil Dynamics and Earthquake Engineering, 2019, 125, 105736.	1.9	23
71	Novel perspective of seismic performance-based evaluation and design for resilient and sustainable slope engineering. Engineering Geology, 2019, 262, 105356.	2.9	16
72	Centrifuge testing of liquefaction mitigation effectiveness on sand foundations treated with nanoparticles. Engineering Geology, 2019, 249, 249-256.	2.9	23

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73	Prediction of the initial point of the last cycle in undrained cyclic triaxial tests on flow liquefaction. Soil Dynamics and Earthquake Engineering, 2019, 120, 12-22.	1.9	7
74	A hydraulic soil erosion model based on a weakly compressible smoothed particle hydrodynamics method. Bulletin of Engineering Geology and the Environment, 2019, 78, 5853-5864.	1.6	8
75	Failure mechanism of submarine slopes based on the wave flume test. Natural Hazards, 2019, 96, 1249-1262.	1.6	6
76	Seismic fragility functions for slope stability analysis with multiple vulnerability states. Environmental Earth Sciences, 2019, 78, 1.	1.3	16
77	Performance-based seismic fragility analysis of retaining walls based on the probability density evolution method. Structure and Infrastructure Engineering, 2019, 15, 103-112.	2.0	14
78	Giant landslide displacement analysis using a point cloud set conflict technique: a case in Xishancun landslide, Sichuan, China. International Journal of Remote Sensing, 2019, 40, 3247-3266.	1.3	8
79	Evolution of anti-liquefaction performance of foundation soils after dam construction. Bulletin of Engineering Geology and the Environment, 2019, 78, 641-651.	1.6	4
80	Introduction to the thematic set of papers on: marine engineering geology. Bulletin of Engineering Geology and the Environment, 2018, 77, 893-895.	1.6	2
81	The effects of small particles on soil seismic liquefaction resistance: current findings and future challenges. Natural Hazards, 2018, 92, 567-579.	1.6	16
82	Probability density evolution method for seismic displacement-based assessment of earth retaining structures. Engineering Geology, 2018, 234, 167-173.	2.9	46
83	Effect of travelling waves on stochastic seismic response and dynamic reliability of a long-span bridge on soft soil. Bulletin of Earthquake Engineering, 2018, 16, 3721-3738.	2.3	12
84	Review on landslide susceptibility mapping using support vector machines. Catena, 2018, 165, 520-529.	2.2	413
85	Impact of human interventions on coastal and marine geological hazards: a review. Bulletin of Engineering Geology and the Environment, 2018, 77, 1081-1090.	1.6	31
86	Forecasting landslide mobility using an SPH model and ring shear strength tests: a case study. Natural Hazards and Earth System Sciences, 2018, 18, 3343-3353.	1.5	19
87	Critical slip surface and landslide volume of a soil slope under random earthquake ground motions. Environmental Earth Sciences, 2018, 77, 1.	1.3	18
88	Application of the edge-based gradient smoothing technique to acoustic radiation and acoustic scattering from rigid and elastic structures in two dimensions. Computers and Structures, 2018, 203, 43-58.	2.4	53
89	Unified modeling of soil behaviors before/after flow liquefaction. Computers and Geotechnics, 2018, 102, 125-135.	2.3	17
90	SPH-based simulation of flow process of a landslide at Hongao landfill in China. Natural Hazards, 2018, 93, 1113-1126.	1.6	46

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91	Centrifuge Modeling of a Constructed Reservoir Embankment: Antiliquefaction Performance Improvement Using Nanoparticles. Journal of Performance of Constructed Facilities, 2018, 32, 06018001.	1.0	2
92	A simplified analytical model for run-out prediction of flow slides in municipal solid waste landfills. Landslides, 2017, 14, 99-107.	2.7	18
93	Horizontal and vertical motion at surface of a gassy ocean sediment layer induced by obliquely incident SV waves. Engineering Geology, 2017, 227, 43-53.	2.9	24
94	Hazard Analysis of Seismic Soil Liquefaction. Springer Natural Hazards, 2017, , .	0.1	5
95	Laboratory Experimental Study on Dynamic Characteristics of Liquefiable Soil. Springer Natural Hazards, 2017, , 61-92.	0.1	0
96	Physical Model Testing for Dynamic Characteristics of Seismic Soil Liquefaction. Springer Natural Hazards, 2017, , 93-118.	0.1	1
97	Comprehensive Evaluation of Liquefaction Damage During Earthquakes. Springer Natural Hazards, 2017, , 141-165.	0.1	0
98	Numerical Simulation for Deformation of Liquefiable Soils. Springer Natural Hazards, 2017, , 119-139.	0.1	0
99	Liquefaction Potential Evaluation Based on In Situ Testing. Springer Natural Hazards, 2017, , 35-59.	0.1	0
100	Reply to the discussion by Ochoa-Cornejo et al. on â€œLaboratory investigation of liquefaction mitigation in silty sand using nanoparticlesâ€•[Eng.Geol.204:23â€“32]. Engineering Geology, 2017, 221, 202.	2.9	1
101	Dynamic reliability analysis of slopes based on the probability density evolution method. Soil Dynamics and Earthquake Engineering, 2017, 94, 1-6.	1.9	54
102	Safety Assessment of Antiliquefaction Performance of a Constructed Reservoir Embankment. I: Experimental Assessment. Journal of Performance of Constructed Facilities, 2017, 31, .	1.0	15
103	Modeling of landslide topography based on micro-unmanned aerial vehicle photography and structure-from-motion. Environmental Earth Sciences, 2017, 76, 1.	1.3	33
104	Stochastic seismic response and dynamic reliability analysis of slopes: A review. Soil Dynamics and Earthquake Engineering, 2017, 100, 458-464.	1.9	18
105	Safety Assessment of Antiliquefaction Performance of a Constructed Reservoir Embankment. II: Numerical Assessment. Journal of Performance of Constructed Facilities, 2017, 31, .	1.0	11
106	Probability density evolution method for seismic liquefaction performance analysis of earth dam. Earthquake Engineering and Structural Dynamics, 2017, 46, 925-943.	2.5	31
107	SPH model for fluidâ€“structure interaction and its application to debris flow impact estimation. Landslides, 2017, 14, 917-928.	2.7	124
108	Macroscopic Characteristics of Seismic Liquefaction. Springer Natural Hazards, 2017, , 11-33.	0.1	1

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109	Assessment of Regional Shallow Landslide Stability Based on Airborne Laser Scanning Data in the Yingxiu Area of Sichuan Province (China). European Journal of Remote Sensing, 2016, 49, 835-860.	1.7	6
110	Engineering geological analysis of municipal solid waste landfill stability. Natural Hazards, 2016, 84, 93-107.	1.6	35
111	Numerical analysis on seepage failures of dike due to water level-up and rainfall using a waterâ€“soil-coupled smoothed particle hydrodynamics model. Acta Geotechnica, 2016, 11, 1401-1418.	2.9	43
112	Microscopic characteristics of nanoparticles for seismic liquefaction mitigation. Japanese Geotechnical Society Special Publication, 2016, 2, 273-276.	0.2	0
113	SPH-based numerical modeling for the post-failure behavior of the landslides triggered by the 2016 Kumamoto earthquake. Geoenvironmental Disasters, 2016, 3, .	1.8	21
114	Constitutive flow behavior of a municipal solid waste simulant at post-failure: experimental and numerical investigations. Environmental Earth Sciences, 2016, 75, 1.	1.3	7
115	Experimental studies on nanomaterials for soil improvement: a review. Environmental Earth Sciences, 2016, 75, 1.	1.3	93
116	Application of virtual earth in 3D terrain modeling to visual analysis of large-scale geological disasters in mountainous areas. Environmental Earth Sciences, 2016, 75, 1.	1.3	25
117	Laboratory investigation of liquefaction mitigation in silty sand using nanoparticles. Engineering Geology, 2016, 204, 23-32.	2.9	58
118	The mechanism of shallow submarine landslides triggered by storm surge. Natural Hazards, 2016, 81, 1373-1383.	1.6	38
119	A three-dimensional model for flow slides in municipal solid waste landfills using smoothed particle hydrodynamics. Environmental Earth Sciences, 2016, 75, 1.	1.3	18
120	Modeling the flow behavior of a simulated municipal solid waste. Bulletin of Engineering Geology and the Environment, 2016, 75, 275-291.	1.6	17
121	Numerical simulation of earthquake-induced landslide run-out. Japanese Geotechnical Society Special Publication, 2016, 2, 938-941.	0.2	2
122	Analysis of geoenvironmental hazards in urban underground space development in Shanghai. Natural Hazards, 2015, 75, 2067-2079.	1.6	34
123	SPH-based numerical simulation of catastrophic debris flows after the 2008 Wenchuan earthquake. Bulletin of Engineering Geology and the Environment, 2015, 74, 1137-1151.	1.6	48
124	Numerical analysis of tsunamiâ€“structure interaction using a modified MPS method. Natural Hazards, 2015, 75, 2847-2862.	1.6	23
125	Numerical simulation of artificial groundwater recharge for controlling land subsidence. KSCE Journal of Civil Engineering, 2015, 19, 418-426.	0.9	17
126	Recent developments of soil improvement methods for seismic liquefaction mitigation. Natural Hazards, 2015, 76, 1927-1938.	1.6	68

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127	Liquid-Gas-Like Phase Transition in Sand Flow Under Microgravity. Microgravity Science and Technology, 2015, 27, 155-170.	0.7	9
128	Mechanical Behavior of Clean Sand at Low Confining Pressure: Verification with Element and Model Tests. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2015, 141, .	1.5	17
129	Analysis of the mechanism of seabed liquefaction induced by waves and related seabed protection. Natural Hazards, 2015, 79, 1399-1408.	1.6	31
130	Improvement of Pavement Design and Management for More Frequent Flooding Caused by Climate Change. Advances in Structural Engineering, 2015, 18, 487-496.	1.2	16
131	Ground seismic response analysis based on the probability density evolution method. Engineering Geology, 2015, 198, 30-39.	2.9	37
132	InSAR-derived digital elevation models for terrain change analysis of earthquake-triggered flow-like landslides based on ALOS/PALSAR imagery. Environmental Earth Sciences, 2015, 73, 7661-7668.	1.3	24
133	Model tests on flow slide of lunar regolith simulant. Environmental Earth Sciences, 2015, 73, 4853-4859.	1.3	4
134	3D numerical modeling using smoothed particle hydrodynamics of flow-like landslide propagation triggered by the 2008 Wenchuan earthquake. Engineering Geology, 2014, 180, 21-33.	2.9	121
135	Characteristics of Flow Failures Triggered by Recent Earthquakes in China. Indian Geotechnical Journal, 2014, 44, 218-224.	0.7	6
136	Geo-disaster Modeling and Analysis: An SPH-based Approach. , 2014, , .		6
137	Granular Flow Under Microgravity: A Preliminary Review. Microgravity Science and Technology, 2014, 26, 131-138.	0.7	9
138	Simulation of flow slides in municipal solid waste dumps using a modified MPS method. Natural Hazards, 2014, 74, 491-508.	1.6	26
139	Large deformation and failure simulations for geo-disasters using smoothed particle hydrodynamics method. Engineering Geology, 2014, 168, 86-97.	2.9	78
140	Mechanical characteristics of a lunar regolith simulant at low confining pressure. Environmental Earth Sciences, 2014, 71, 3697-3703.	1.3	9
141	Numerical Modeling of the Submarine Debris Flows Run-Out Using SPH. , 2014, , 157-160.		5
142	Dynamic Response of an Embankment Foundation to a Simulated Tsunami Wave. , 2014, , 161-164.		1
143	SPH Modeling for Propagation of Flow-like Landslides. , 2014, , 155-189.		1
144	Validation of the SPH Models. , 2014, , 71-114.		0

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145	SPH Modeling for Flow Behavior of Liquefied Soils. , 2014, , 133-154.		0
146	Numerical simulation of flow processes in liquefied soils using a soilâ€“water-coupled smoothed particle hydrodynamics method. Natural Hazards, 2013, 69, 809-827.	1.6	41
147	Seismic Design of Piles in Liquefiable Soils. Springer Geology, 2013, , 31-44.	0.2	1
148	SPH-based numerical simulations of flow slides in municipal solid waste landfills. Waste Management and Research, 2013, 31, 256-264.	2.2	34
149	The impact of climate change on coastal geological disasters in southeastern China. Natural Hazards, 2013, 65, 377-390.	1.6	28
150	Review of soil liquefaction characteristics during major earthquakes of the twenty-first century. Natural Hazards, 2013, 65, 2375-2384.	1.6	111
151	Numerical simulation of large deformation in shear panel dampers using smoothed particle hydrodynamics. Engineering Structures, 2013, 48, 245-254.	2.6	22
152	First results derived from a drop-tower testing system for granular flow in a microgravity environment. Landslides, 2013, 10, 493-501.	2.7	15
153	DEM Coupled SMAC Simulation on the Moving Process of Flow Like Landslide. Springer Geology, 2013, , 195-198.	0.2	0
154	REVIEW ON WEB BUCKLING AND HYSTERETIC BEHAVIOR OF SHEAR PANEL DAMPERS. , 2013, , 205-217.		1
155	HYSTERETIC BEHAVIOR OF SHEAR PANEL DAMPERS UNDER HIGH AXIAL COMPRESSION LOADING. , 2013, , 190-204.		0
156	Triaxial tests on the fluidic behavior of post-liquefaction sand. Environmental Earth Sciences, 2012, 67, 2325-2330.	1.3	13
157	Secondary geological hazard analysis in Beichuan after the Wenchuan earthquake and recommendations for reconstruction. Environmental Earth Sciences, 2012, 66, 1001-1009.	1.3	29
158	Computational fluid dynamics modeling of post-liquefaction soil flow using the volume of fluid method. Bulletin of Engineering Geology and the Environment, 2012, 71, 359-366.	1.6	19
159	Run-out analysis of flow-like landslides triggered by the Ms 8.0 2008 Wenchuan earthquake using smoothed particle hydrodynamics. Landslides, 2012, 9, 275-283.	2.7	177
160	Seismic liquefaction analysis of a reservoir dam foundation in the Southâ€“North Water Diversion project in China. Part I: Liquefaction potential assessment. Natural Hazards, 2012, 60, 1299-1311.	1.6	10
161	Seismic liquefaction analysis of a reservoir dam foundation in the Southâ€“North Water Diversion Project in China. Part II: seismic response simulation. Natural Hazards, 2012, 60, 1313-1324.	1.6	9
162	Flow analysis of liquefied soils based on smoothed particle hydrodynamics. Natural Hazards, 2011, 59, 1547-1560.	1.6	32

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163	Visual simulation of landslide fluidized movement based on smoothed particle hydrodynamics. Natural Hazards, 2011, 59, 1225-1238.	1.6	30
164	Numerical simulation of airâ€“soil two-phase flow based on turbulence modeling. Natural Hazards, 2011, 58, 311-323.	1.6	9
165	Mechanism of cultivation soil degradation in rocky desertification areas under dry/wet cycles. Environmental Earth Sciences, 2011, 64, 269-276.	1.3	9
166	Removal of sulfamethoxazole by nanofiltration membrane. Journal of Zhejiang University: Science A, 2010, 11, 868-878.	1.3	7
167	Field-observed phenomena of seismic liquefaction and subsidence during the 2008 Wenchuan earthquake in China. Natural Hazards, 2010, 54, 839-850.	1.6	84
168	A case study of seismic response of earth embankment foundation on liquefiable soils. Central South University, 2009, 16, 994-1000.	0.5	13
169	Seismic response analysis of the deep saturated soil deposits in Shanghai. Environmental Geology, 2009, 56, 1163-1169.	1.2	28
170	Calculation of Moisture Distribution in Early-Age Concrete. Journal of Engineering Mechanics - ASCE, 2009, 135, 871-880.	1.6	84
171	Numerical simulation of mitigation for liquefaction-induced soil deformations in a sandy ground improved by cement grouting. Environmental Geology, 2008, 55, 1247-1252.	1.2	18
172	Numerical assessment of the seismic response of an earth embankment on liquefiable soils. Bulletin of Engineering Geology and the Environment, 2008, 67, 31-39.	1.6	35
173	Numerical assessment of the effect of reinforcement on the performance of reinforced soil dikes. Geotextiles and Geomembranes, 2006, 24, 169-174.	2.3	13
174	Marsh gas in shallow soils and safety measures for tunnel construction. Engineering Geology, 2003, 67, 373-378.	2.9	18
175	Dynamic Coupled Analysis for Earthquake Response of Pile Foundations. , 2002, , 396.		1
176	Investigation of rainfall-induced toe-cut slope failure mechanisms in the southeastern coastal area of China. Natural Hazards, 0, , 1.	1.6	4