

Xiuqing Hu

List of Publications by Year in descending order

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docs citations

51
times ranked

481
citing authors

#	ARTICLE	IF	CITATIONS
1	Latest Progress of the Chinese Meteorological Satellite Program and Core Data Processing Technologies. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 1027-1045.	4.3	106
2	One-Way Cyclic Triaxial Behavior of Saturated Clay: Comparison between Constant and Variable Confining Pressure. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013, 139, 797-809.	3.0	97
3	Characterization of CRCS Dunhuang test site and vicarious calibration utilization for Fengyun (FY) series sensors. <i>Canadian Journal of Remote Sensing</i> , 2010, 36, 566-582.	2.4	67
4	Vacuum preloading and electro-osmosis consolidation of dredged slurry pre-treated with flocculants. <i>Engineering Geology</i> , 2018, 246, 123-130.	6.3	63
5	Experimental study on a dredged fill ground improved by a two-stage vacuum preloading method. <i>Soils and Foundations</i> , 2018, 58, 766-775.	3.1	61
6	Vacuum preloading combined with multiple-flocculant treatment for dredged fill improvement. <i>Engineering Geology</i> , 2019, 259, 105194.	6.3	46
7	Effects of pressurizing timing on air booster vacuum consolidation of dredged slurry. <i>Geotextiles and Geomembranes</i> , 2020, 48, 491-503.	4.6	41
8	Multisite Calibration Tracking for FY-3A MERSI Solar Bands. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012, 50, 4929-4942.	6.3	40
9	Prelaunch Calibration and Radiometric Performance of the Advanced MERSI II on FengYun-3D. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 4866-4875.	6.3	40
10	Influence of composite flocculant FeCl ₃ -APAM on vacuum drainage of river-dredged sludge. <i>Canadian Geotechnical Journal</i> , 2019, 56, 868-875.	2.8	39
11	Improving consolidation of dredged slurry by vacuum preloading using prefabricated vertical drains (PVDs) with varying filter pore sizes. <i>Canadian Geotechnical Journal</i> , 2020, 57, 294-303.	2.8	38
12	The Application of Deep Convective Clouds in the Calibration and Response Monitoring of the Reflective Solar Bands of FY-3A/MERSI (Medium Resolution Spectral Imager). <i>Remote Sensing</i> , 2013, 5, 6958-6975.	4.0	34
13	Calibration for the Solar Reflective Bands of Medium Resolution Spectral Imager Onboard FY-3A. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012, 50, 4915-4928.	6.3	31
14	Application of flocculation combined with vacuum preloading to reduce river-dredged sludge. <i>Marine Georesources and Geotechnology</i> , 2020, 38, 164-173.	2.1	28
15	Undrained cyclic behavior of overconsolidated marine soft clay under a traffic-load-induced stress path. <i>Marine Georesources and Geotechnology</i> , 2018, 36, 163-172.	2.1	22
16	Effect of tamping interval on consolidation of dredged slurry using vacuum preloading combined with dynamic consolidation. <i>Acta Geotechnica</i> , 2021, 16, 859-871.	5.7	19
17	FY-3D MERSI On-Orbit Radiometric Calibration from the Lunar View. <i>Sensors</i> , 2020, 20, 4690.	3.8	16
18	Slurry improvement by vacuum preloading and electro-osmosis. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2019, 172, 145-154.	1.6	15

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19	Water Vapor Retrievals from Near-infrared Channels of the Advanced Medium Resolution Spectral Imager Instrument onboard the Fengyun-3D Satellite. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1351-1366.	4.3	15
20	Effect of the pressurized duration on improving dredged slurry with air booster vacuum preloading. <i>Marine Georesources and Geotechnology</i> , 2020, 38, 970-979.	2.1	14
21	Experimental Study on the Effect of Additives on Drainage Consolidation in Vacuum Preloading Combined with Electroosmosis. <i>KSCE Journal of Civil Engineering</i> , 2020, 24, 2599-2609.	1.9	14
22	Effect of a vacuum gradient on the consolidation of dredged slurry by vacuum preloading. <i>Canadian Geotechnical Journal</i> , 0, , .	2.8	14
23	Effect of angle between initial and cyclic shear stress on behaviors of marine clay. <i>Marine Georesources and Geotechnology</i> , 2018, 36, 617-624.	2.1	13
24	Influence of Dynamic Loading Activation Time on Electro-osmotic Consolidation of Soft Soil. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 4687-4695.	1.9	12
25	Radiometric calibration evaluation for RSBs of Suomi-NPP/VIIRS and Aqua/MODIS based on the 2015 Dunhuang Chinese Radiometric Calibration Site <i>in situ</i> measurements. <i>International Journal of Remote Sensing</i> , 2017, 38, 5640-5656.	2.9	10
26	Temperature effects on dredged slurry performance under vacuum preloading. <i>Canadian Geotechnical Journal</i> , 2020, 57, 1970-1981.	2.8	10
27	Influence of vacuum preloading on vertical bearing capacities of piles installed on coastal soft soil. <i>Marine Georesources and Geotechnology</i> , 2019, 37, 870-879.	2.1	8
28	Preliminary Selection and Characterization of Pseudo-Invariant Calibration Sites in Northwest China. <i>Remote Sensing</i> , 2020, 12, 2517.	4.0	8
29	Improvement of dredger fill by stepped vacuum preloading combined with stepped voltage electro-osmosis. <i>Marine Georesources and Geotechnology</i> , 2021, 39, 822-831.	2.1	8
30	AM-ConvGRU: a spatio-temporal model for typhoon path prediction. <i>Neural Computing and Applications</i> , 2022, 34, 5905-5921.	5.6	8
31	Field study of monotonic and cyclic lateral behaviour of piles in soft soils improved with and without vacuum preloading. <i>Acta Geotechnica</i> , 2020, 15, 3183-3192.	5.7	7
32	Effects of fracture grouting with sodium hydroxide during electro-osmosis on clay. <i>Marine Georesources and Geotechnology</i> , 2019, 37, 245-255.	2.1	6
33	Dynamic characteristics of marine soft clay under variable phase difference and initial static shear stress. <i>Marine Georesources and Geotechnology</i> , 2020, 38, 770-785.	2.1	6
34	Sub-pixel accuracy evaluation of FY-3D MERSI-2 geolocation based on OLI reference imagery. <i>International Journal of Remote Sensing</i> , 2021, 42, 7215-7238.	2.9	6
35	The optimal combination form of vacuum pre-loading combined with electro-osmosis and with dynamic compaction method on the improvement of dredged slurry. <i>Marine Georesources and Geotechnology</i> , 2021, 39, 1192-1204.	2.1	5
36	FY-3C/MERSI pre-launch calibration for reflective solar bands. , 2014, , .		4

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37	Cyclic shear characteristics of marine cement soil under stress path with bidirectional shear stress. <i>Marine Georesources and Geotechnology</i> , 2021, 39, 1177-1191.	2.1	4
38	Behaviour of thick marine deposits subjected to vacuum combined with surcharge preloading. <i>Marine Georesources and Geotechnology</i> , 2021, 39, 1147-1156.	2.1	4
39	Effect of initial deviatoric stress on anisotropy of marine clay during principal stress rotation. <i>Marine Georesources and Geotechnology</i> , 2022, 40, 64-77.	2.1	4
40	Consolidation Effect of Prefabricated Vertical Drains with Different Lengths for Soft Subsoil under Vacuum Preloading. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-12.	0.7	3
41	Experimental simple shear study of composite soil with cemented soil core. <i>Marine Georesources and Geotechnology</i> , 2019, 37, 960-971.	2.1	3
42	A Cloud Detection Algorithm Over Land Based on the Polarized Characteristics Difference Between Cloudless and Cloud Targets. <i>Earth and Space Science</i> , 2019, 6, 1769-1780.	2.6	2
43	Cement replacement with brick powder and concrete powder in sludge solidification. <i>Marine Georesources and Geotechnology</i> , 2022, 40, 630-638.	2.1	2
44	Systematic Geolocation Errors of FengYun-3D MERSI-II. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-11.	6.3	2
45	Evaluation and optimal selection of Dunhuang radiometric calibration site based on OLI/Landsat 8 and MSI/Sentinel 2 data. <i>International Journal of Remote Sensing</i> , 2022, 43, 1684-1702.	2.9	2
46	Analysis of aerosol properties derived from sun photometer and lidar over Dunhuang radiometric calibration site. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
47	Test studies on soil with cemented-soil piles under bidirectional cyclic loading. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , 0, , 1-12.	1.0	1
48	Behaviour of electroosmotic consolidation by electrode configuration and fracture grouting. <i>Marine Georesources and Geotechnology</i> , 0, , 1-9.	2.1	1
49	Effect of particle distribution on the shear behavior of recycled concrete aggregate. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	1.3	1
50	Influence of initial water content and strain rate on remolded yield stress in marine clay. <i>Marine Georesources and Geotechnology</i> , 0, , 1-8.	2.1	0
51	Influence of the intermittent vibration ratio on the electro-osmotic consolidation of dredged sludge. <i>Marine Georesources and Geotechnology</i> , 0, , 1-9.	2.1	0