Xiuqing Hu

List of Publications by Year
in descending order

51 papers	1,001 citations	516710 16 h-index	477307 29 g-index
51 all docs	51 docs citations	51 times ranked	481 citing authors

#	Article	IF	Citations
1	Cement replacement with brick powder and concrete powder in sludge solidification. Marine Georesources and Geotechnology, 2022, 40, 630-638.	2.1	2
2	Effect of initial deviatoric stress on anisotropy of marine clay during principal stress rotation. Marine Georesources and Geotechnology, 2022, 40, 64-77.	2.1	4
3	AM-ConvGRU: a spatio-temporal model for typhoon path prediction. Neural Computing and Applications, 2022, 34, 5905-5921.	5.6	8
4	Systematic Geolocation Errors of FengYun-3D MERSI-II. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-11.	6.3	2
5	Evaluation and optimal selection of Dunhuang radiometric calibration site based on OLI/Landsat 8 and MSI/Sentinel 2 data. International Journal of Remote Sensing, 2022, 43, 1684-1702.	2.9	2
6	Effect of particle distribution on the shear behavior of recycled concrete aggregate. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	1
7	The optimal combination form of vacuum pre-loading combined with electro-osmosis and with dynamic compaction method on the improvement of dredged slurry. Marine Georesources and Geotechnology, 2021, 39, 1192-1204.	2.1	5
8	Cyclic shear characteristics of marine cement soil under stress path with bidirectional shear stress. Marine Georesources and Geotechnology, 2021, 39, 1177-1191.	2.1	4
9	Behaviour of thick marine deposits subjected to vacuum combined with surcharge preloading. Marine Georesources and Geotechnology, 2021, 39, 1147-1156.	2.1	4
10	Improvement of dredger fill by stepped vacuum preloading combined with stepped voltage electro-osmosis. Marine Georesources and Geotechnology, 2021, 39, 822-831.	2.1	8
11	Effect of tamping interval on consolidation of dredged slurry using vacuum preloading combined with dynamic consolidation. Acta Geotechnica, 2021, 16, 859-871.	5.7	19
12	Sub-pixel accuracy evaluation of FY-3D MERSI-2 geolocation based on OLI reference imagery. International Journal of Remote Sensing, 2021, 42, 7215-7238.	2.9	6
13	Water Vapor Retrievals from Near-infrared Channels of the Advanced Medium Resolution Spectral Imager Instrument onboard the Fengyun-3D Satellite. Advances in Atmospheric Sciences, 2021, 38, 1351-1366.	4.3	15
14	Application of flocculation combined with vacuum preloading to reduce river-dredged sludge. Marine Georesources and Geotechnology, 2020, 38, 164-173.	2.1	28
15	Improving consolidation of dredged slurry by vacuum preloading using prefabricated vertical drains (PVDs) with varying filter pore sizes. Canadian Geotechnical Journal, 2020, 57, 294-303.	2.8	38
16	Dynamic characteristics of marine soft clay under variable phase difference and initial static shear stress. Marine Georesources and Geotechnology, 2020, 38, 770-785.	2.1	6
17	Effect of the pressurized duration on improving dredged slurry with air booster vacuum preloading. Marine Georesources and Geotechnology, 2020, 38, 970-979.	2.1	14
18	Experimental Study on the Effect of Additives on Drainage Consolidation in Vacuum Preloading Combined with Electroosmosis. KSCE Journal of Civil Engineering, 2020, 24, 2599-2609.	1.9	14

#	Article	IF	Citations
19	Preliminary Selection and Characterization of Pseudo-Invariant Calibration Sites in Northwest China. Remote Sensing, 2020, 12, 2517.	4.0	8
20	FY-3D MERSI On-Orbit Radiometric Calibration from the Lunar View. Sensors, 2020, 20, 4690.	3.8	16
21	Field study of monotonic and cyclic lateral behaviour of piles in soft soils improved with and without vacuum preloading. Acta Geotechnica, 2020, 15, 3183-3192.	5.7	7
22	Temperature effects on dredged slurry performance under vacuum preloading. Canadian Geotechnical Journal, 2020, 57, 1970-1981.	2.8	10
23	Effects of pressurizing timing on air booster vacuum consolidation of dredged slurry. Geotextiles and Geomembranes, 2020, 48, 491-503.	4.6	41
24	Slurry improvement by vacuum preloading and electro-osmosis. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2019, 172, 145-154.	1.6	15
25	A Cloud Detection Algorithm Over Land Based on the Polarized Characteristics Difference Between Cloudless and Cloud Targets. Earth and Space Science, 2019, 6, 1769-1780.	2.6	2
26	Latest Progress of the Chinese Meteorological Satellite Program and Core Data Processing Technologies. Advances in Atmospheric Sciences, 2019, 36, 1027-1045.	4.3	106
27	Influence of Dynamic Loading Activation Time on Electro-osmotic Consolidation of Soft Soil. KSCE Journal of Civil Engineering, 2019, 23, 4687-4695.	1.9	12
28	Consolidation Effect of Prefabricated Vertical Drains with Different Lengths for Soft Subsoil under Vacuum Preloading. Advances in Civil Engineering, 2019, 2019, 1-12.	0.7	3
29	Vacuum preloading combined with multiple-flocculant treatment for dredged fill improvement. Engineering Geology, 2019, 259, 105194.	6.3	46
30	Influence of composite flocculant FeCl₃â€“APAM on vacuum drainage of river-dredged sludge. Canadian Geotechnical Journal, 2019, 56, 868-875.	2.8	39
31	Experimental simple shear study of composite soil with cemented soil core. Marine Georesources and Geotechnology, 2019, 37, 960-971.	2.1	3
32	Influence of vacuum preloading on vertical bearing capacities of piles installed on coastal soft soil. Marine Georesources and Geotechnology, 2019, 37, 870-879.	2.1	8
33	Effects of fracture grouting with sodium hydroxide during electro-osmosis on clay. Marine Georesources and Geotechnology, 2019, 37, 245-255.	2.1	6
34	Undrained cyclic behavior of overconsolidated marine soft clay under a traffic-load-induced stress path. Marine Georesources and Geotechnology, 2018, 36, 163-172.	2.1	22
35	Effect of angle between initial and cyclic shear stress on behaviors of marine clay. Marine Georesources and Geotechnology, 2018, 36, 617-624.	2.1	13
36	Vacuum preloading and electro-osmosis consolidation of dredged slurry pre-treated with flocculants. Engineering Geology, 2018, 246, 123-130.	6.3	63

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37	Experimental study on a dredged fill ground improved by a two-stage vacuum preloading method. Soils and Foundations, 2018, 58, 766-775.	3.1	61
38	Prelaunch Calibration and Radiometric Performance of the Advanced MERSI II on FengYun-3D. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4866-4875.	6.3	40
39	Radiometric calibration evaluation for RSBs of Suomi-NPP/VIIRS and Aqua/MODIS based on the 2015 Dunhuang Chinese Radiometric Calibration Sitein situmeasurements. International Journal of Remote Sensing, 2017, 38, 5640-5656.	2.9	10
40	Analysis of aerosol properties derived from sun photometer and lidar over Dunhuang radiometric calibration site. Proceedings of SPIE, 2016, , .	0.8	1
41	FY-3C/MERSI pre-launch calibration for reflective solar bands. , 2014, , .		4
42	One-Way Cyclic Triaxial Behavior of Saturated Clay: Comparison between Constant and Variable Confining Pressure. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2013, 139, 797-809.	3.0	97
43	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). Remote Sensing, 2013, 5, 6958-6975.	4.0	34
44	Multisite Calibration Tracking for FY-3A MERSI Solar Bands. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 4929-4942.	6.3	40
45	Calibration for the Solar Reflective Bands of Medium Resolution Spectral Imager Onboard FY-3A. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 4915-4928.	6.3	31
46	Characterization of CRCS Dunhuang test site and vicarious calibration utilization for Fengyun (FY) series sensors. Canadian Journal of Remote Sensing, 2010, 36, 566-582.	2.4	67
47	Test studies on soil with cemented-soil piles under bidirectional cyclic loading. Proceedings of the Institution of Civil Engineers: Ground Improvement, 0, , 1-12.	1.0	1
48	Behaviour of electroosmotic consolidation by electrode configuration and fracture grouting. Marine Georesources and Geotechnology, 0, , 1-9.	2.1	1
49	Influence of initial water content and strain rate on remolded yield stress in marine clay. Marine Georesources and Geotechnology, 0, , 1-8.	2.1	0
50	Effect of a vacuum gradient on the consolidation of dredged slurry by vacuum preloading. Canadian Geotechnical Journal, 0, , .	2.8	14
51	Influence of the intermittent vibration ratio on the electro-osmotic consolidation of dredged sludge. Marine Georesources and Geotechnology, 0, , 1-9.	2.1	0