

# Lin Guo

## List of Publications by Year in descending order

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39  
papers

1,237  
citations

471371

17  
h-index

377752

34  
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39  
all docs

39  
docs citations

39  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Undrained deformation behavior of saturated soft clay under long-term cyclic loading. <i>Soil Dynamics and Earthquake Engineering</i> , 2013, 50, 28-37.	1.9	188
2	Strain and pore pressure development on soft marine clay in triaxial tests with a large number of cycles. <i>Ocean Engineering</i> , 2013, 74, 125-132.	1.9	134
3	Permanent deformation characteristics of saturated sand under cyclic loading. <i>Canadian Geotechnical Journal</i> , 2015, 52, 795-807.	1.4	84
4	Undrained behaviour of intact soft clay under cyclic paths that match vehicle loading conditions. <i>Canadian Geotechnical Journal</i> , 2018, 55, 90-106.	1.4	82
5	Stiffness Degradation and Plastic Strain Accumulation of Clay under Cyclic Load with Principal Stress Rotation and Deviatoric Stress Variation. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018, 144, .	1.5	75
6	Influences of stress magnitude and loading frequency on cyclic behavior of K <sub>0</sub> -consolidated marine clay involving principal stress rotation. <i>Soil Dynamics and Earthquake Engineering</i> , 2016, 84, 94-107.	1.9	73
7	Influence of shear stress level on cyclic deformation behaviour of intact Wenzhou soft clay under traffic loading. <i>Engineering Geology</i> , 2017, 228, 61-70.	2.9	72
8	Cyclic response of natural soft marine clay under principal stress rotation as induced by wave loads. <i>Ocean Engineering</i> , 2017, 129, 191-202.	1.9	46
9	Influence of initial state and intermediate principal stress on undrained behavior of soft clay during pure principal stress rotation. <i>Acta Geotechnica</i> , 2019, 14, 1379-1401.	2.9	44
10	Experimental study of drained anisotropy of granular soils involving rotation of principal stress direction. <i>European Journal of Environmental and Civil Engineering</i> , 2016, 20, 431-454.	1.0	40
11	Cyclic behavior of saturated soft clay under stress path with bidirectional shear stresses. <i>Soil Dynamics and Earthquake Engineering</i> , 2018, 104, 319-328.	1.9	39
12	Influence of Intermediate Principal Stress and Principal Stress Direction on Drained Behavior of Natural Soft Clay. <i>International Journal of Geomechanics</i> , 2018, 18, .	1.3	38
13	Anisotropic Drained Deformation Behavior and Shear Strength of Natural Soft Marine Clay. <i>Marine Georesources and Geotechnology</i> , 2016, 34, 493-502.	1.2	31
14	Cyclic deformation behaviour of natural K <sub>0</sub> -consolidated soft clay under different stress paths. <i>Journal of Central South University</i> , 2015, 22, 4828-4836.	1.2	28
15	Anisotropic and Noncoaxial Behavior of K <sub>0</sub> -Consolidated Soft Clays under Stress Paths with Principal Stress Rotation. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019, 145, .	1.5	23
16	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.	1.2	22
17	Effects of principal stress rotation and cyclic confining pressure on behavior of soft clay with different frequencies. <i>Soil Dynamics and Earthquake Engineering</i> , 2019, 118, 75-85.	1.9	19
18	Influences of initial static shear stress on the cyclic behaviour of over consolidated soft marine clay. <i>Ocean Engineering</i> , 2021, 224, 108747.	1.9	19

#	ARTICLE	IF	CITATIONS
19	Macro-micro investigation of granular materials in torsional shear test. Journal of Central South University, 2014, 21, 2950-2961.	1.2	18
20	One-way cyclic deformation behavior of natural soft clay under continuous principal stress rotation. Soils and Foundations, 2017, 57, 1002-1013.	1.3	18
21	Effect of Initial State and Intermediate Principal Stress on Noncoaxiality of Soft Clayâ€“Involved Cyclic Principal Stress Rotation. International Journal of Geomechanics, 2018, 18, .	1.3	18
22	Predicting method on settlement of soft subgrade soil caused by traffic loading involving principal stress rotation and loading frequency. Soil Dynamics and Earthquake Engineering, 2022, 152, 107023.	1.9	15
23	Undrained monotonic shear behavior of marine soft clay after long-term cyclic loading. Marine Georesources and Geotechnology, 2020, 38, 854-866.	1.2	13
24	Long term cyclic behavior of saturated soft clay under different drainage conditions. Soil Dynamics and Earthquake Engineering, 2020, 139, 106362.	1.9	13
25	Secondary compression behavior of over-consolidated soft clay after surcharge preloading. Acta Geotechnica, 0, , 1.	2.9	10
26	The pore pressure generation and deformation of overconsolidated soft marine clay considering initial static shear effect. Marine Georesources and Geotechnology, 2022, 40, 922-935.	1.2	10
27	Effect of Phase Difference on the Liquefaction Behavior of Sand in Multidirectional Simple Shear Tests. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, .	1.5	10
28	Cyclic Behavior of Sand under Traffic Loading with â€˜Inclinedâ€™ Consolidation. KSCE Journal of Civil Engineering, 2021, 25, 1621-1633.	0.9	8
29	Effects of principal stress rotation on deformation behaviour of clay under partially drained and undrained conditions. Soil Dynamics and Earthquake Engineering, 2022, 154, 107159.	1.9	8
30	The effects of cyclic loading on the reconsolidation behaviours of marine sedimentary clays under intermittent drainage conditions. Soil Dynamics and Earthquake Engineering, 2021, 141, 106510.	1.9	7
31	Long-term cyclic behavior of soft clay under different variable confining pressures and partially drained conditions. Transportation Geotechnics, 2022, 33, 100723.	2.0	7
32	Monotonic and cyclic characteristics of K0-Consolidated saturated soft clay under a stress path involving a variable confining pressure. Acta Geotechnica, 2021, 16, 1161-1174.	2.9	6
33	Relationship between monotonic and cyclic behavior of saturated soft clay in undrained triaxial compression tests. Canadian Geotechnical Journal, 2021, 58, 1812-1824.	1.4	5
34	A Comparative Study on Vertical Dynamic Responses of Three Types of Elevated Railway Tracks Subjected to a Moving Train. Mathematical Problems in Engineering, 2019, 2019, 1-11.	0.6	4
35	Effect of initial deviatoric stress on anisotropy of marine clay during principal stress rotation. Marine Georesources and Geotechnology, 2022, 40, 64-77.	1.2	4
36	The effects of initial deviatoric stress on anisotropy of marine clay and strain components. Marine Georesources and Geotechnology, 2021, 39, 1167-1176.	1.2	3

#	ARTICLE	IF	CITATIONS
37	Undrained anisotropic behaviour of $K_0$ -consolidated marine clay under cyclic stresses. Marine Georesources and Geotechnology, 2023, 41, 14-23.	1.2	2
38	Cyclic Behavior of $K_0$ -Consolidated Soft Clay under Stress Paths with Different Major Principal Stress Directions. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, 06021003.	1.5	1
39	Common characteristics between cyclic behaviour at different frequencies and monotonic behaviours of clay. Canadian Geotechnical Journal, 0, , .	1.4	0