

Jun-hui Peng

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

617
citations

759055

12
h-index

839398

18
g-index

18
all docs

18
docs citations

18
times ranked

368
citing authors

#	ARTICLE	IF	CITATIONS
1	Recycled aggregates from construction and demolition wastes as alternative filling materials for highway subgrades in China. <i>Journal of Cleaner Production</i> , 2020, 255, 120223.	4.6	140
2	Rapid estimation of resilient modulus of subgrade soils using performance-related soil properties. <i>International Journal of Pavement Engineering</i> , 2021, 22, 732-739.	2.2	66
3	Predicting resilient modulus of fine-grained subgrade soils considering relative compaction and matric suction. <i>Road Materials and Pavement Design</i> , 2021, 22, 703-715.	2.0	62
4	Modeling humidity and stress-dependent subgrade soils in flexible pavements. <i>Computers and Geotechnics</i> , 2020, 120, 103413.	2.3	55
5	Characterisation of stress and moisture-dependent resilient behaviour for compacted clays in South China. <i>Road Materials and Pavement Design</i> , 2020, 21, 262-275.	2.0	51
6	Numerical simulation of the moisture migration of unsaturated clay embankments in southern China considering stress state. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 11-24.	1.6	43
7	Prediction of Resilient Modulus of Compacted Cohesive Soils in South China. <i>International Journal of Geomechanics</i> , 2019, 19, .	1.3	42
8	Prediction of permanent deformation for subgrade soils under traffic loading in Southern China. <i>International Journal of Pavement Engineering</i> , 2022, 23, 673-682.	2.2	40
9	Model for Predicting Resilient Modulus of Unsaturated Subgrade Soils in South China. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 2089-2098.	0.9	39
10	Gray Correlation Analysis and Prediction on Permanent Deformation of Subgrade Filled with Construction and Demolition Materials. <i>Materials</i> , 2019, 12, 3035.	1.3	29
11	Numerical Method of Flexible Pavement considering Moisture and Stress Sensitivity of Subgrade Soils. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-10.	0.4	15
12	Back-Calculation of Elastic Modulus of High Liquid Limit Clay Subgrades Based on Viscoelastic Theory and Multipopulation Genetic Algorithm. <i>International Journal of Geomechanics</i> , 2020, 20, .	1.3	13
13	Variation of Resilient Modulus with Soil Suction for Cohesive Soils in South China. <i>International Journal of Civil Engineering</i> , 2018, 16, 1655-1667.	0.9	8
14	Prediction of resilient modulus for subgrade soils based on ANN approach. <i>Journal of Central South University</i> , 2021, 28, 898-910.	1.2	5
15	Estimation of Soil-Water Characteristic Curve for Cohesive Soils with Methylene Blue Value. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-7.	0.4	3
16	Calculation and Control Methods for Equivalent Resilient Modulus of Subgrade Based on Nonuniform Distribution of Stress. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-11.	0.4	3
17	Effect of Freeze-Thaw Cycles on Mechanical Properties of an Embankment Clay: Laboratory Tests and Model Evaluations. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	2
18	Moisture Migration and Control of New Embankment for Reconstruction and Expansion Project in Southern China. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-14.	0.4	1