

Xiaolong Li

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

192
citations

1306789

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14
g-index

21
all docs

21
docs citations

21
times ranked

99
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Temperature on the Dielectric Properties of Asphalt Mixtures. Journal of Materials in Civil Engineering, 2022, 34, .	1.3	6
2	Investigating the sensitivity of mineral aggregate size on the dielectric response of asphalt concrete based on a multiscale experiment. AIP Advances, 2022, 12, .	0.6	2
3	Temperature Correction for FWD Deflection in Cement Pavement Void Detection. Advances in Civil Engineering, 2021, 2021, 1-14.	0.4	0
4	Research on Fatigue Model of Semi-Rigid Base Asphalt Pavement before and after Polymer Grouting. Advances in Civil Engineering, 2021, 2021, 1-16.	0.4	3
5	A BP Neural Network Method for Grade Classification of Loose Damage in Semirigid Pavement Bases. Advances in Civil Engineering, 2021, 2021, 1-11.	0.4	3
6	Temperature Field Variation Law of Low Exothermic Polymer Grouting Material in Repairing Void Damage of Frozen Soil Subgrade. Advances in Materials Science and Engineering, 2021, 2021, 1-11.	1.0	1
7	Experimental Study of Polyurethane Grout Diffusion in a Water-Bearing Fracture. Journal of Materials in Civil Engineering, 2021, 33, .	1.3	12
8	Experimental Study on Viscosity Characteristics of Expanding Polymer Grout. Journal Wuhan University of Technology, Materials Science Edition, 2021, 36, 297-302.	0.4	7
9	Test Method for the Solubility Model of Physical Blowing Agent of Self-Expanding Polymer. Mathematical Problems in Engineering, 2021, 2021, 1-10.	0.6	1
10	Experimental Study on the Dielectric Model of Common Asphalt Pavement Surface Materials Based on the L-R Model. Advances in Civil Engineering, 2021, 2021, 1-8.	0.4	4
11	Damage characteristics and microstructures of low-exothermic polymer grouting materials under σ - T cycles. Construction and Building Materials, 2021, 294, 123390.	3.2	8
12	Experimental Study on Reducing the Heat of Curing Reaction of Polyurethane Polymer Grouting Material. Advances in Polymer Technology, 2021, 2021, 1-10.	0.8	4
13	Dynamic Inversion Analysis of Structural Layer Modulus of Semirigid Base Pavement considering the Influence of Temperature and Humidity. Advances in Civil Engineering, 2020, 2020, 1-12.	0.4	2
14	Unsplit Youngs Method for Tracking the Moving Interface of Expansible Grout. Complexity, 2020, 2020, 1-17.	0.9	0
15	Prediction Model of Asphalt Content of Asphalt Mixture Based on Dielectric Properties. Advances in Civil Engineering, 2020, 2020, 1-10.	0.4	8
16	A Quasi-3D Numerical Model for Grout Injection in a Parallel Fracture Based on Finite Volume Method. Complexity, 2019, 2019, 1-18.	0.9	2
17	A Field Experimental Study on the Diffusion Behavior of Expanding Polymer Grouting Material in Soil. Soil Mechanics and Foundation Engineering, 2019, 56, 171-177.	0.2	41
18	An analytical solution for the radial flow of variable density grout in rock fractures. Construction and Building Materials, 2019, 206, 630-640.	3.2	24

#	ARTICLE	IF	CITATIONS
19	Numerical and Experimental Studies of Diffusion Law of Grouting with Expansible Polymer. Journal of Materials in Civil Engineering, 2018, 30, .	1.3	42
20	Predicting the dielectric properties based on micromechanical modeling for asphalt mastics. AIP Advances, 2018, 8, .	0.6	8
21	Numerical simulation of polymer grout diffusion in a single fracture. AIP Advances, 2018, 8, .	0.6	14