

# Xiaolong Li

## List of Publications by Year in descending order

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21  
papers

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1306789

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1058022

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docs citations

21  
times ranked

99  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical and Experimental Studies of Diffusion Law of Grouting with Expansible Polymer. Journal of Materials in Civil Engineering, 2018, 30, .	1.3	42
2	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
3	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
4	Numerical simulation of polymer grout diffusion in a single fracture. AIP Advances, 2018, 8, .	0.6	14
5	Experimental Study of Polyurethane Grout Diffusion in a Water-Bearing Fracture. Journal of Materials in Civil Engineering, 2021, 33, .	1.3	12
6	Predicting the dielectric properties based on micromechanical modeling for asphalt mastics. AIP Advances, 2018, 8, .	0.6	8
7	Prediction Model of Asphalt Content of Asphalt Mixture Based on Dielectric Properties. Advances in Civil Engineering, 2020, 2020, 1-10.	0.4	8
8	Damage characteristics and microstructures of low-exothermic polymer grouting materials under $\sigma$ - $T$ cycles. Construction and Building Materials, 2021, 294, 123390.	3.2	8
9	Experimental Study on Viscosity Characteristics of Expanding Polymer Grout. Journal Wuhan University of Technology, Materials Science Edition, 2021, 36, 297-302.	0.4	7
10	Influence of Temperature on the Dielectric Properties of Asphalt Mixtures. Journal of Materials in Civil Engineering, 2022, 34, .	1.3	6
11	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
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	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
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Unsplit Youngs Method for Tracking the Moving Interface of Expansible Grout. Complexity, 2020, 2020, 1-17.	0.9	0
21	Temperature Correction for FWD Deflection in Cement Pavement Void Detection. Advances in Civil Engineering, 2021, 2021, 1-14.	0.4	0