

Xiang Li

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

295
citations

1040056

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996975

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15
all docs

15
docs citations

15
times ranked

245
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of thermal treatment on the mode I fracture toughness of granite under dynamic and static coupling load. <i>Engineering Fracture Mechanics</i> , 2018, 199, 143-158.	4.3	110
2	Numerical simulation schemes for time-dependent crack growth in hard brittle rock. <i>Acta Geotechnica</i> , 2015, 10, 513-531.	5.7	32
3	Parameters Analysis of TSV Filling Models of Distinct Chemical Behaviours of Additives. <i>Electrochimica Acta</i> , 2016, 221, 70-79.	5.2	30
4	Mode I and Mode II Granite Fractures after Distinct Thermal Shock Treatments. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, .	2.9	28
5	Simulation of time-dependent crack growth in brittle rocks under constant loading conditions. <i>Engineering Fracture Mechanics</i> , 2014, 119, 53-65.	4.3	15
6	A numerical study of brittle failure in rocks with distinct microcrack characteristics. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2018, 106, 289-299.	5.8	15
7	Numerical study on time dependent and time independent fracturing processes for brittle rocks. <i>Engineering Fracture Mechanics</i> , 2016, 163, 89-107.	4.3	14
8	Thermal shock effects on the mechanical behavior of granite exposed to dynamic loading. <i>Archives of Civil and Mechanical Engineering</i> , 2020, 20, 1.	3.8	12
9	Inhibition Effect of CTAB on Electrodeposition of Cu in Micro Via: Experimental and MD Simulation Investigations. <i>Journal of the Electrochemical Society</i> , 2019, 166, D816-D825.	2.9	10
10	Determination of fracture energy and fracture toughness of two types of concrete and their interface. <i>European Journal of Environmental and Civil Engineering</i> , 2021, 25, 104-116.	2.1	7
11	Dynamic Properties of Thermal Shock Treated Sandstone Subjected to Coupled Dynamic and Static Loads. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 889.	2.0	7
12	Parameters determination for modelling of copper electrodeposition in through-silicon-via with additives. <i>Microelectronic Engineering</i> , 2018, 196, 25-31.	2.4	5
13	Back analysis of a collapsed highway embankment “ A numerical study on the rigid reinforcement and time-dependent grouting. <i>Engineering Failure Analysis</i> , 2022, 131, 105863.	4.0	5
14	Numerical simulation of lifetime and time-dependent damage for granite by continuous and discontinuous approaches. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	3
15	Experimental Investigation on the Energy Properties and Failure Process of Thermal Shock Treated Sandstone Subjected to Coupled Dynamic and Static Loads. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 25.	2.0	2