

Md Ashraful Islam

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

303
citations

1684188
5
h-index

1588992
8
g-index

13
all docs

13
docs citations

13
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Macro and micro collapse mechanisms of closed-cell aluminium foams during quasi-static compression. <i>Materials and Design</i> , 2017, 118, 11-21.	7.0	107
2	Mechanical response and dynamic deformation mechanisms of closed-cell aluminium alloy foams under dynamic loading. <i>International Journal of Impact Engineering</i> , 2018, 114, 111-122.	5.0	56
3	Investigation of microstructural and mechanical properties of cell walls of closed-cell aluminium alloy foams. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 666, 245-256.	5.6	50
4	Modelling and characterization of cell collapse in aluminium foams during dynamic loading. <i>International Journal of Impact Engineering</i> , 2016, 96, 78-88.	5.0	50
5	Effects of impactor shape on the deformation and energy absorption of closed cell aluminium foams under low velocity impact. <i>Materials and Design</i> , 2020, 191, 108599.	7.0	26
6	Numerical modelling of closed-cell aluminium foams under shock loading. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	5
7	Behaviour of Two Closely Spaced Strip Footings Placed on a Stiff Clay Bed under Cyclic Loading. <i>Geotechnical Testing Journal</i> , 2013, 36, 20120126.	1.0	5
8	Characterization of Closed-Cell Aluminium Foams Subjected to Compressive Loading. , 2015, , 167-174.		3
9	Deformation Mechanisms of Closed Cell-Aluminium Foams During Drop Weight Impact. <i>Minerals, Metals and Materials Series</i> , 2017, , 233-239.	0.4	1
10	Behavior of a Foundation on a Sloped Fill Reinforced with Vertical Bars under Repeated Loading. , 2014, , .		0
11	Experimental Investigation of Mechanical Behaviour of Closed-Cell Aluminium Foams Under Drop Weight Impact. <i>Minerals, Metals and Materials Series</i> , 2017, , 225-232.	0.4	0
12	Effects of Thermal Processing on Closed-Cell Aluminium Foams. <i>Minerals, Metals and Materials Series</i> , 2017, , 217-224.	0.4	0
13	Dynamic crushing response of closed-cell aluminium foams during shock loading. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0