Md Ashraful Islam

List of Publications by Year
in descending order

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