

Nathanael Durr

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

129
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

163
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagation of impact-induced shock waves in porous sandstone using mesoscale modeling. Meteoritics and Planetary Science, 2013, 48, 115-133.	1.6	72
2	Experimental impact cratering: A summary of the major results of the MEMIN research unit. Meteoritics and Planetary Science, 2018, 53, 1543-1568.	1.6	25
3	A numerical study on mesoscale simulation of quartzite and sandstone under shock loading. International Journal of Impact Engineering, 2017, 108, 73-88.	5.0	10
4	Mesoscale Investigation of Shock Wave Effects in Dry and Water-Saturated Sandstone. Procedia Engineering, 2013, 58, 289-298.	1.2	8
5	Mesoscale Modeling of Quartzite and Sandstone under Shock Loading: Influence of Porosity and Pressure-dependent Quartz Stiffness on Macroscopic Behavior. Procedia Engineering, 2015, 103, 105-112.	1.2	8
6	Mesoscale investigation of dynamic fracture in quartzite and sandstone and homogenization to macroscale. International Journal of Solids and Structures, 2018, 144-145, 160-179.	2.7	6