

Sreten Mastilovic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3284524/publications.pdf>

Version: 2024-02-01

10
papers

52
citations

1684188

5
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

41
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of solar and wind energy resources in Serbia. Journal of Renewable and Sustainable Energy, 2013, 5, .	2.0	12
2	Impact fragmentation of nanoscale projectiles at ultrahigh striking velocities. Meccanica, 2015, 50, 2353-2367.	2.0	10
3	On strain-rate sensitivity and size effect of brittle solids: transition from cooperative phenomena to microcrack nucleation. Continuum Mechanics and Thermodynamics, 2013, 25, 489-501.	2.2	6
4	A scaling approach to size effect modeling of J CDF for 20MnMoNi55 reactor steel in transition temperature region. Engineering Failure Analysis, 2022, 131, 105838.	4.0	6
5	The Krajcinovic approach to model size dependent fracture in quasi-brittle solids. Mechanics of Materials, 2014, 71, 21-33.	3.2	5
6	Molecular-dynamics simulations of the nanoscale Taylor test under extreme loading conditions. Mathematics and Mechanics of Solids, 2016, 21, 326-338.	2.4	4
7	Damage-fragmentation transition: Size effect and scaling behavior for impact fragmentation of slender projectiles. International Journal of Damage Mechanics, 2018, 27, 201-217.	4.2	4
8	Some sigmoid and reverse-sigmoid response patterns emerging from high-power loading of solids. Theoretical and Applied Mechanics, 2018, 45, 95-119.	0.3	4
9	Phenomenology of the Maximum Fragment Mass Dependence Upon Ballistic Impact Parameters. Latin American Journal of Solids and Structures, 2017, 14, 1529-1546.	1.0	1
10	Shattering impact fragmentation of slender nanoprojectiles. Meccanica, 2019, 54, 2295-2306.	2.0	0