

Eugen Trana

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Young's Modulus Calculus Using Split Hopkinson Bar Tests on Long and Thin Material Samples. <i>Materials</i> , 2022, 15, 3058.	2.9	3
2	Numerical and Experimental Study on the Locally Blast Loaded Polyurea Coated Steel Plates. <i>Materiale Plastice</i> , 2019, 56, 492-499.	0.8	5
3	Experimental and Numerical Study on the Behavior of Dyneema [®] 1/2 HB26 Composite in Compression. <i>Materiale Plastice</i> , 2019, 57, 113-122.	0.8	1
4	Numerical Simulation and Experimental Tests on Explosively Induced Water Jet Phenomena. <i>Propellants, Explosives, Pyrotechnics</i> , 2016, 41, 1020-1028.	1.6	4
5	Uninstrumented Measurement Method for Granular Porous Media Blast Mitigation Assessment. <i>Experimental Techniques</i> , 2016, 40, 993-1003.	1.5	4
6	A thermomechanical model accounting for the behavior of shape memory alloys in finite deformations. <i>Continuum Mechanics and Thermodynamics</i> , 2016, 28, 957-975.	2.2	3
7	Thermobaric effects formed by aluminum foils enveloping cylindrical charges. <i>Combustion and Flame</i> , 2016, 166, 148-157.	5.2	10
8	Experimental and numerical analysis concerning the behaviour of OL50 steel grade specimens coated with polyurea layer under dynamics loadings. <i>EPJ Web of Conferences</i> , 2015, 94, 04044.	0.3	2
9	Experimental and numerical investigation on 6082 O temper aluminium alloy cartridge tubes drawing. <i>Journal of Materials Processing Technology</i> , 2015, 216, 59-70.	6.3	8