

Zhijun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

128
citations

1478505

6
h-index

1372567

10
g-index

24
all docs

24
docs citations

24
times ranked

86
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation Study on Expansive Jet Formation Characteristics of Polymer Liner. <i>Materials</i> , 2019, 12, 744.	2.9	28
2	Study on the overdriven detonation wave propagation in double-layer shaped charge. <i>Physics of Fluids</i> , 2019, 31, 092110.	4.0	13
3	Evaluation of the compressive and anti-penetration properties of Ti-Al ₃ /Ti-Al laminated composites. <i>Advanced Composites Letters</i> , 2020, 29, 2633366X2092187.	1.3	9
4	The EFP Formation and Penetration Capability of Double-Layer Shaped Charge with Wave Shaper. <i>Materials</i> , 2020, 13, 4519.	2.9	8
5	Coupled Mechanical-Thermal Model for Numerical Simulations of Polymer-Bonded Explosives under Low-Velocity Impacts. <i>Propellants, Explosives, Pyrotechnics</i> , 2020, 45, 823-832.	1.6	8
6	Visco-hyperelastic constitutive modeling of the dynamic mechanical behavior of HTPB casting explosive and its polymer binder. <i>Acta Mechanica</i> , 2020, 231, 2257-2272.	2.1	8
7	Mechanical Properties and a Constitutive Model of 3D-Printed Copper Powder-Filled PLA Material. <i>Polymers</i> , 2021, 13, 3605.	4.5	8
8	The Dynamics of a Delayed Predator-Prey Model with Double Allee Effect. <i>Discrete Dynamics in Nature and Society</i> , 2015, 2015, 1-8.	0.9	6
9	Damage characteristics of polymer expansive jet based on the crater growth enhanced effect. <i>Materials Express</i> , 2019, 9, 732-740.	0.5	6
10	Reaction characteristics of polymer expansive jet impact on explosive reactive armour. <i>E-Polymers</i> , 2020, 20, 292-302.	3.0	6
11	Six-Degree-of-Freedom Digital Simulations for Missile Guidance and Control. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-10.	1.1	5
12	Study on Overdriven Detonation of Double-Layer Shaped Charge. <i>Propellants, Explosives, Pyrotechnics</i> , 2019, 44, 1410-1422.	1.6	5
13	Damage Mechanism of PTFE/Al Reactive Charge Liner Structural Parameters on a Steel Target. <i>Materials</i> , 2021, 14, 3701.	2.9	5
14	Pattern Formation in a Predator-Prey Model with Both Cross Diffusion and Time Delay. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-7.	0.7	3
15	A Constitutive Model for the Shock Ignition of Polymer Bonded Explosives. <i>Combustion Science and Technology</i> , 2019, 191, 590-604.	2.3	3
16	Mechanical behavior of a typical polymer bonded explosive under compressive loads. <i>Journal of Energetic Materials</i> , 0, , 1-33.	2.0	3
17	Study of the sympathetic detonation reaction behavior of a fuze explosive train under the impact of blast fragments. <i>Journal of Mechanical Science and Technology</i> , 2021, 35, 2575-2584.	1.5	2
18	Formation and Penetration Capability of an Annular-Shaped Charge. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-14.	1.1	1

#	ARTICLE	IF	CITATIONS
19	Effect of the Fabrication Technique on Compressive Properties of Cu-PTFE Composites. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-9.	1.8	1
20	Numerical Simulation of Tandem Shaped Charge Penetrating Armored Target under Explosive Loading. <i>Shock and Vibration</i> , 2021, 2021, 1-10.	0.6	0
21	Formability Characteristics and Penetration Performance of Micro-Jets from Different Materials. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-13.	1.8	0
22	Experimental Study on Damage Characteristics of Copper-Reinforced Polytetrafluoroethylene Shaped-Charge Warhead Liner. <i>Polymers</i> , 2022, 14, 2068.	4.5	0