

# Xu-Dong Zu

## List of Publications by Year in descending order

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papers

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docs citations

26  
times ranked

62  
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#	ARTICLE	IF	CITATIONS
1	Pressure on liner surface of the shaped charge with isosceles trapezoidal cross section. Journal of Energetic Materials, 2024, 42, 230-248.	2.0	0
2	Crater expansion of jet oblique penetration into the thin metal plate. Thin-Walled Structures, 2022, 172, 108752.	5.3	1
3	Blast Resistance of 240 mm Building Wall Coated with Polyurea Elastomer. Materials, 2022, 15, 850.	2.9	10
4	Vibration Suppression Performance of FRP Spherical-Cylindrical Shells with Porous Graphene Platelet Coating in a Thermal Environment. International Journal of Structural Stability and Dynamics, 2022, 22, .	2.4	8
5	Influence of strongly-constrained liquid-filled composite armor on stability of incoming shaped charge jet during eccentric penetration. Latin American Journal of Solids and Structures, 2022, 19, .	1.0	1
6	Experimental study on the energy dissipation of foam concrete plate fragmentation under explosion loading. Latin American Journal of Solids and Structures, 2022, 19, .	1.0	2
7	Experimental Study on Jet Formation and Penetration Characteristics of Square cross-section Shaped Charge. Latin American Journal of Solids and Structures, 2021, 18, .	1.0	3
8	A Research of Pulse Source for EFT Test of Electrical Vehicle Piles. Applied Sciences (Switzerland), 2021, 11, 6720.	2.5	0
9	Study on the Interference Process of Liquid Radial Reflux on the Stability of a Shaped Charge Jet. Applied Sciences (Switzerland), 2021, 11, 8044.	2.5	5
10	An Amplitude- and Temperature-Dependent Vibration Model of Fiber-Reinforced Composite Thin Plates in a Thermal Environment. Materials, 2020, 13, 1590.	2.9	6
11	Compressive Behavior of (Cu <sub>0.47</sub> Zr <sub>0.45</sub> Al <sub>0.08</sub> ) <sub>98</sub> Dy <sub>2</sub> Bulk Metallic Glass at Different Strain Rates. Materials, 2020, 13, 5828.	2.9	3
12	Study on liquid-filled structure target with shaped charge vertical penetration. Defence Technology, 2019, 15, 861-867.	4.2	7
13	Effects of Liquid Parameters on Liquid-Filled Compartment Structure Defense Against Metal Jet. Materials, 2019, 12, 1809.	2.9	8
14	Study on the explosion-proof performance of polyurea-reinforced masonry walls with different spraying methods. , 2019, , .		0
15	Study on jet formation and penetration of double-layer sub-caliber shaped charge. , 2019, , .		0
16	Effect of External Magnetic Field Loaded at the Initial Period of Inertial Stretching Stage on the Stability of Shaped Charge Jet. IEEE Transactions on Plasma Science, 2017, 45, 875-881.	1.3	5
17	Theoretical Study of a Diesel-Filled Airtight Structure Unit Subjected to Shaped Charge Jet Impact. Propellants, Explosives, Pyrotechnics, 2016, 41, 62-68.	1.6	9
18	Influence of Drift Velocity and Distance Between Jet Particles on the Penetration Depth of Shaped Charges. Propellants, Explosives, Pyrotechnics, 2016, 41, 76-83.	1.6	16

#	ARTICLE	IF	CITATIONS
19	Theoretical and Experimental Study on the Effects of Impact Angle on the Performance of Kevlar Woven Fabric Rubber Composite Armor against Shaped Charge Jet Impact. Propellants, Explosives, Pyrotechnics, 2015, 40, 945-953.	1.6	3
20	Theoretical Study on Equivalent Target of Ceramic Composite Armor. Propellants, Explosives, Pyrotechnics, 2015, 40, 576-582.	1.6	2
21	Spaced Armor Effects on Shaped Charge Jet Penetration. Propellants, Explosives, Pyrotechnics, 2015, 40, 127-132.	1.6	6
22	Mach Wave Control in Explosively Formed Projectile Warhead. Propellants, Explosives, Pyrotechnics, 2014, 39, 909-915.	1.6	18
23	Study on Rubber Composite Armor Anti-Shaped Charge Jet Penetration. Propellants, Explosives, Pyrotechnics, 2013, 38, 695-702.	1.6	8
24	Calculation of Depth and Crater Diameter for the Supersonic Penetration of Shaped Charge Jet into Concrete. Propellants, Explosives, Pyrotechnics, 2013, 38, 224-231.	1.6	17
25	Effect of Mesoscale and Multiscale Modeling on the Performance of Kevlar Woven Fabric Subjected to Ballistic Impact: A Numerical Study. Applied Composite Materials, 2013, 20, 1195-1214.	2.5	13