Xiaojie Li

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2527240/publications.pdf

Version: 2024-02-01

34	407	840776 11	794594 19
papers	citations	h-index	g-index

34	34	34	312
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Study on interface morphology and effect of gap gas in explosive welding. Welding in the World, Le Soudage Dans Le Monde, 2022, 66, 1395-1402.	2.5	3
2	Research on the interfacial microstructure of three-layered stainless steel/Ti/low-carbon steel composite prepared by explosive welding. Composite Interfaces, 2021, 28, 609-624.	2.3	18
3	A novel data-analysis method for underwater explosion tests by inverse modeling. Applied Mathematical Modelling, 2021, 90, 1153-1169.	4.2	1
4	One-step rapid fabrication of high-purity onion-like carbons as efficient lubrication additives. Journal of Materials Science, 2021, 56, 1286-1297.	3.7	10
5	Study of explosive welding of A6061/SUS821L1 using interlayers with different thicknesses and the air shockwave between plates. International Journal of Advanced Manufacturing Technology, 2021, 116, 3779-3794.	3.0	17
6	Dynamic Response and Parametric Studies of Elliptical Blast-Resistant Door with the Combined Structure for Large Vacuum Explosion Containers. Shock and Vibration, 2021, 2021, 1-14.	0.6	0
7	Study on the factors of large-scale space wave absorption of MWCNTs/Fe3O4 nanocomposite particles. Journal of Materials Science: Materials in Electronics, 2020, 31, 22727-22739.	2.2	6
8	Determination of JWL parameters from underwater explosion test of spherical explosives by continuous velocity probe. Journal of Energetic Materials, 2020, , 1-15.	2.0	2
9	Microstructure and Strengthening Mechanism of Ti/Cu Laminated Composite Produced by Underwater Explosive Welding. Journal of Materials Engineering and Performance, 2020, 29, 5069-5079.	2.5	7
10	Study on absorbing wave of Fe3O4/MWCNTs nanoparticles based on large-scale space. Journal of Materials Science: Materials in Electronics, 2020, 31, 2666-2675.	2.2	6
11	In situ fabrication of carbon dots-based lubricants using a facile ultrasonic approach. Green Chemistry, 2019, 21, 2279-2285.	9.0	70
12	Numerical study of the postcombustion effects on the underwater explosion of an aluminized explosive by a novel nonisentropic model for the detonation products. Journal of Energetic Materials, 2019, 37, 174-187.	2.0	5
13	Study of continuous velocity probe method for the determination of the detonation pressure of commercial explosives. Journal of Energetic Materials, 2018, 36, 377-385.	2.0	9
14	Underwater explosive compaction-sintering of tungstenâ€“copper coating on a copper surface. High Pressure Research, 2018, 38, 41-52.	1.2	2
15	A simple electrometric method for parametric determination of Jones-Wilkins-Lee equation of state from underwater explosion test. Journal of Applied Physics, 2018, 124, 215906.	2.5	7
16	The Influence of Ar on the Synthesis of Carbon-coated Copper Nanoparticles in Gaseous Detonation. Current Nanoscience, 2018, 14, 360-365.	1.2	4
17	Characterization and photocatalytic properties of SiO 2 â€“TiO 2 nanocomposites prepared through gaseous detonation method. Ceramics International, 2017, 43, 9377-9381.	4.8	16
18	Numerical study of two-dimensional cylindrical underwater explosion by a modified method of characteristics. Journal of Applied Physics, 2017, 122, .	2.5	7

#	Article	IF	Citations
19	Phase transition rate of anatase during detonation synthesis of TiO₂. Phase Transitions, 2017, 90, 618-627.	1.3	1
20	Characterization and photocatalytic properties of SnO 2 â€“TiO 2 nanocomposites prepared through gaseous detonation method. Ceramics International, 2017, 43, 1517-1521.	4.8	28
21	A velocity probe-based method for continuous detonation and shock measurement in near-field underwater explosion. Review of Scientific Instruments, 2017, 88, 123905.	1.3	5
22	Experimental Study of Bilinear Initiating System Based on Hard Rock Pile Blasting. Shock and Vibration, 2017, 2017, 1-9.	0.6	1
23	Optimal Design and Preparation of Nano-TiO2 Photocatalyst Using Gaseous Detonation Method. Journal of Nanoscience and Nanotechnology, 2017, 17, 2124-2129.	0.9	2
24	A modified method of characteristics and its application in forward and inversion simulations of underwater explosion. AIP Advances, 2016, 6, .	1.3	4
25	An investigation on the flow and heat transfer characteristics of nanofluids by nonequilibrium molecular dynamics simulations. Numerical Heat Transfer, Part B: Fundamentals, 2016, 70, 152-163.	0.9	13
26	Detonation Synthesis and Friction-Wear Test of Carbon-Encapsulated Copper Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 1569-1575.	3.7	8
27	Numerical study of underwater shock wave by a modified method of characteristics. Journal of Applied Physics, 2014, 115, .	2.5	12
28	Fabrication of graded density impactor via underwater shock wave and quasi-isentropic compression testing at two-stage gas gun facility. Applied Physics A: Materials Science and Processing, 2014, 117, 1941-1946.	2.3	12
29	Effect of Initial Hardness on Interfacial Features in Underwater Explosive Welding of Tool Steel SKS3. Journal of Materials Engineering and Performance, 2014, 23, 421-428.	2.5	29
30	Molecular dynamics simulation of nanofluidâ€™s flow behaviors in the near-wall model and main flow model. Microfluidics and Nanofluidics, 2014, 17, 581-589.	2.2	27
31	An Alternative Thin-Plate Welding Technology Using Underwater Shock Wave. Journal of Adhesion Science and Technology, 2012, 26, 1733-1743.	2.6	13
32	On the Influencing Factors and Strengthening Mechanism for Thermal Conductivity of Nanofluids by Molecular Dynamics Simulation. Industrial & Engineering Chemistry Research, 2011, 50, 13568-13575.	3.7	20
33	Molecular dynamics simulation on flow behavior of nanofluids between flat plates under shear flow condition. Microfluidics and Nanofluidics, 2011, 10, 475-480.	2.2	38
34	Effects of radiation heat transfer space non-uniformity of combustion chamber components on in-cylinder soot emission formation in diesel engine. Science China Technological Sciences, 2010, 53, 1824-1832.	4.0	4