Given Names Deactivated Family Name

List of Publications by Year
in descending order

21	710	623734	752698
papers	citations	14 h-index	20 g-index

29	29	29	320
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fabrication of energetic aluminum core/hydrophobic shell nanofibers via coaxial electrospinning. Chemical Engineering Journal, 2022, 427, 132001.	12.7	41
2	Characteristics of micro energetic semiconductor bridge initiator by depositing Al/MoO3 reactive multilayered films on micro bridge with different bridge size. Sensors and Actuators A: Physical, 2022, 336, 113406.	4.1	6
3	Progress in Electrohydrodynamic Atomization Preparation of Energetic Materials with Controlled Microstructures. Molecules, 2022, 27, 2374.	3.8	5
4	An excellent synergy between CL-20 and nanothermites in flaming and propelling with high specific impulse and superior safety to electrostatic discharge. Combustion and Flame, 2022, 240, 112024.	5.2	13
5	Experimental and numerical investigations of the effect of charge density and scale on the heat transfer behavior of Al/CuO nano-thermite. Vacuum, 2021, 184, 109878.	3.5	16
6	Assembling Hybrid Energetic Materials with Controllable Interfacial Microstructures by Electrospray. ACS Omega, 2021, 6, 16816-16825.	3.5	11
7	Ignition characteristics of energetic nichrome bridge initiator based on Al/CuO reactive multilayer films under capacitor discharge and constant current conditions. Sensors and Actuators A: Physical, 2020, 313, 112200.	4.1	13
8	From nanoparticles to on-chip 3D nanothermite: electrospray deposition of reactive Al/CuO@NC onto semiconductor bridge and its application for rapid ignition. Nanotechnology, 2020, 31, 195712.	2.6	24
9	Characteristics of energetic semiconductor bridge initiator based on different stoichiometric ratios of Al/MoO3 reactive multilayer films under capacitor discharge conditions. Sensors and Actuators A: Physical, 2019, 296, 241-248.	4.1	14
10	Controlling the energetic characteristics of micro energy storage device by in situ deposition Al/MoO3 nanolaminates with varying internal structure. Chemical Engineering Journal, 2019, 373, 345-354.	12.7	41
11	Chemical Propulsion of Microthrusters. , 2019, , 389-402.		1
12	Facile formation of nitrocellulose-coated Al/Bi 2 O 3 nanothermites with excellent energy output and improved electrostatic discharge safety. Materials and Design, 2018, 143, 93-103.	7.0	74
13	Ammonium Perchlorate as an Effective Additive for Enhancing the Combustion and Propulsion Performance of Al/CuO Nanothermites. Journal of Physical Chemistry C, 2018, 122, 10240-10247.	3.1	61
14	Firing and Initiation Characteristics of Energetic Semiconductor Bridge Integrated with Varied Thickness of Al/MoO3 Nanofilms. Medziagotyra, 2018, 24, .	0.2	1
15	In situ preparation of explosive embedded CuO/Al/CL20 nanoenergetic composite with enhanced reactivity. Chemical Engineering Journal, 2018, 354, 885-895.	12.7	62
16	Tuning the Ignition Performance of a Microchip Initiator by Integrating Various Al/MoO₃ Reactive Multilayer Films on a Semiconductor Bridge. ACS Applied Materials & Interfaces, 2017, 9, 5580-5589.	8.0	79
17	Characteristic of energetic semiconductor bridge based on Al/MoOx energetic multilayer nanofilms with different modulation periods. Journal of Applied Physics, 2017, 121, 113301.	2.5	17
18	Superior performance of a MEMS-based solid propellant microthruster (SPM) array with nanothermites. Microsystem Technologies, 2017, 23, 3161-3174.	2.0	57

#	Article	IF	Citations
19	Energetic semiconductor bridge device incorporating Al/MoOx multilayer nanofilms and negative temperature coefficient thermistor chip. Journal of Applied Physics, 2014, 115, .	2.5	24
20	Characterization of Al/CuO nanoenergetic multilayer films integrated with semiconductor bridge for initiator applications. Journal of Applied Physics, 2013, 113, .	2.5	49
21	Influence of Al/CuO reactive multilayer films additives on exploding foil initiator. Journal of Applied Physics, 2011, 110, .	2.5	101