

Jingyu Wang

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,052
citations

361413

20
h-index

477307

29
g-index

61
all docs

61
docs citations

61
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced sensitivity and enhanced thermal stability of ultrafine-CL-20/PDA/Estane5703 composites with double coating structure. <i>Journal of Energetic Materials</i> , 2024, 42, 331-347.	2.0	5
2	Theoretical calculation on the interaction mechanism between 2,6-diamino-3,5-dinitropyrazine-1-oxide and ammonium perchlorate. <i>Journal of Energetic Materials</i> , 2023, 41, 236-252.	2.0	4
3	Accurate and efficient droplet microfluidic strategy for controlling the morphology of energetic microspheres. <i>Journal of Energetic Materials</i> , 2023, 41, 411-428.	2.0	16
4	Effect of the fractal characteristics of the RDX particles on the rheology of the RDX-based casting aluminized explosives. <i>Journal of Energetic Materials</i> , 2023, 41, 615-631.	2.0	3
5	Evolution of HTPB/RDX/Al/DOA mixed explosives with 90% solid loading in resonance acoustic mixing process. <i>Journal of Energetic Materials</i> , 2023, 41, 595-614.	2.0	3
6	Facile preparation and characterization of energetic hollow FOX-7/viton microspheres with improved thermal decomposition properties and reduced sensitivity. <i>Journal of Energetic Materials</i> , 2022, 40, 358-374.	2.0	10
7	Preparation and Performance Characterization of High-Quality HNIW. <i>Propellants, Explosives, Pyrotechnics</i> , 2022, 47, .	1.6	3
8	Experiment study on the influencing factors of mechanical response of HMX-based PBXs in the high-g deceleration environments. <i>Journal of Energetic Materials</i> , 2021, 39, 33-47.	2.0	4
9	Preparation of agglomeration-free composite energetic microspheres taking PMMA-PVA with honeycomb structure as template via the molecular collaborative self-assembly. <i>Journal of Energetic Materials</i> , 2021, 39, 182-196.	2.0	20
10	Preparation and characterization of core-shell structured FOX-7/F2602 PBX with improved thermal stability and reduced sensitivity. <i>AIP Advances</i> , 2021, 11, 025323.	1.3	5
11	Self-Assembly Method for Insensitive DAAF/FOX-7 Composite Crystals with Microspheres Structure. <i>Crystal Research and Technology</i> , 2021, 56, 2000194.	1.3	5
12	Fabrication and Characterization of Viton@FOX-7@Al Spherical Composite with Improved Thermal Decomposition Property and Safety Performance. <i>Materials</i> , 2021, 14, 1093.	2.9	6
13	CL-20 based energetic thin films: Micro-spray molding and micro-detonation. <i>AIP Advances</i> , 2021, 11, 065014.	1.3	1
14	Preparation of functionalized GO coordination compound and its catalytic performance for thermal decomposition of ammonium perchlorate. <i>Journal of Materials Science</i> , 2021, 56, 19599-19613.	3.7	7
15	Multilevel strategies for the composition and formation of DAAF/HNIW composite crystals. <i>CrystEngComm</i> , 2021, 23, 7750-7759.	2.6	7
16	Preparation, High-Density Spherical, and Low Sensitivity of RDX/NC/PMMA Composite Particles. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-8.	2.7	1
17	Synergistic catalysis of ZIF-67@CNTOH in thermal decomposition of ammonium perchlorate. <i>Journal of Materials Science</i> , 2020, 55, 4646-4655.	3.7	31
18	Nozzle-Assisted Simultaneous Precipitation Method for Energetic FOX-7/RDX Composite Microspheres with Improved Thermal Stability and Sensitivity. <i>Crystal Research and Technology</i> , 2020, 55, 2000015.	1.3	3

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19	Rapid Assembly and Preparation of Energetic Microspheres LLM@CL-20. <i>Propellants, Explosives, Pyrotechnics</i> , 2020, 45, 1269-1274.	1.6	10
20	CL-20/CAB energetic composite microspheres prepared by premix membrane emulsification. <i>AIP Advances</i> , 2020, 10, .	1.3	4
21	Preparation and characterization of spherical submicron μ -CL-20 via green mechanical demulsification. <i>Journal of Energetic Materials</i> , 2019, 37, 475-483.	2.0	8
22	Formulation of CL-20-Based Explosive Ink and Its Detonating Transfer Performance in Micro-Size Charge. <i>Propellants, Explosives, Pyrotechnics</i> , 2019, 44, 1432-1439.	1.6	11
23	Preparation and Molecular Dynamics Simulation of RDX/MUF Nanocomposite Energetic Microspheres with Reduced Sensitivity. <i>Processes</i> , 2019, 7, 692.	2.8	4
24	Synthesis, thermolysis, and solid spherical of RDX/PMMA energetic composite materials. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 20166-20173.	2.2	19
25	CL-20 Based Ultraviolet Curing Explosive Composite with High Performance. <i>Propellants, Explosives, Pyrotechnics</i> , 2019, 44, 935-940.	1.6	12
26	Design and Characterization of a Cook-Off Resistant High-Energy Booster Explosive Based on CL-20/FOX-7. <i>Propellants, Explosives, Pyrotechnics</i> , 2019, 44, 550-556.	1.6	6
27	LLM-105 nanoparticles prepared via green ball milling and their thermodynamics and kinetics investigation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 3303-3309.	3.6	6
28	Study on the Influencing Factors of Ultrafine Spherical RDX during Spray Drying with Low Speed. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-10.	2.7	10
29	Exploring the Coordination Effect of GO@MOF-5 as Catalyst on Thermal Decomposition of Ammonium Perchlorate. <i>Nanoscale Research Letters</i> , 2019, 14, 345.	5.7	40
30	Fabrication and Characterization of Submicron Scale Spherical RDX, HMX, and CL-20 without Soft Agglomeration. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-8.	2.7	10
31	Synergistic effects between Cu metal-organic framework (Cu-MOF) and carbon nanomaterials for the catalyzation of the thermal decomposition of ammonium perchlorate (AP). <i>Journal of Materials Science</i> , 2019, 54, 4928-4941.	3.7	68
32	Reduce the Sensitivity of CL-20 by Improving Thermal Conductivity Through Carbon Nanomaterials. <i>Nanoscale Research Letters</i> , 2018, 13, 85.	5.7	30
33	Characterization and Thermal Decomposition of Nanometer 2,2,4,4,6,6-Hexanitro-Stilbene and 1,3,5-Triamino-2,4,6-Trinitrobenzene Fabricated by a Mechanical Milling Method. <i>Journal of Energetic Materials</i> , 2018, 36, 179-190.	2.0	17
34	Effective Insensitiveness of Melamine Urea-Formaldehyde Resin via Interfacial Polymerization on Nitramine Explosives. <i>Nanoscale Research Letters</i> , 2018, 13, 402.	5.7	22
35	Preparation and Characterization of TATB/VitonA Nanocomposites. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-9.	2.7	8
36	Preparation and Performance of Pentaerythrite Tetranitrate-Based Composites by Direct Ink Writing. <i>Propellants, Explosives, Pyrotechnics</i> , 2018, 43, 1149-1156.	1.6	11

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37	Green Preparation, Spheroidal, and Superior Property of Nano-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocane. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-8.	2.7	12
38	CL ₂₀ based Explosive Ink of Emulsion Binder System for Direct Ink Writing. <i>Propellants, Explosives, Pyrotechnics</i> , 2018, 43, 533-537.	1.6	29
39	Direct Ink Writing of DNTF Based Composite with High Performance. <i>Propellants, Explosives, Pyrotechnics</i> , 2018, 43, 754-758.	1.6	28
40	High-density HNIW/TNT cocrystal synthesized using a green chemical method. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2018, 74, 385-393.	1.1	24
41	One-Step Ball Milling Preparation of Nanoscale CL-20/Graphene Oxide for Significantly Reduced Particle Size and Sensitivity. <i>Nanoscale Research Letters</i> , 2018, 13, 42.	5.7	44
42	Preparation and characterization of nano NC/HMX composite particles. <i>Science and Engineering of Composite Materials</i> , 2017, 24, 123-128.	1.4	3
43	Carbon-coated copper nanoparticles prepared by detonation method and their thermocatalysis on ammonium perchlorate. <i>AIP Advances</i> , 2017, 7, .	1.3	7
44	Preparation and Properties of CL ₂₀ based Composite by Direct Ink Writing. <i>Propellants, Explosives, Pyrotechnics</i> , 2017, 42, 1139-1142.	1.6	20
45	Nano-CL-20/HMX Cocrystal Explosive for Significantly Reduced Mechanical Sensitivity. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-7.	2.7	47
46	Mechanism investigation for remarkable decreases in sensitivities from micron to nano nitroamine. <i>Nanomaterials and Nanotechnology</i> , 2016, 6, 184798041666367.	3.0	12
47	Preparation and Characterization of the Solid Spherical HMX/F ₂₆₀₂ by the Suspension Spray-Drying Method. <i>Journal of Energetic Materials</i> , 2016, 34, 357-367.	2.0	22
48	Catalysis of a Nanometre Solid Super Acid of SO ₄ ²⁻ /TiO ₂ on the Thermal Decomposition of Ammonium Nitrate. <i>Nanomaterials and Nanotechnology</i> , 2016, 6, 23.	3.0	8
49	Preparation and Properties of Surface-Coated HMX with Viton and Graphene Oxide. <i>Journal of Energetic Materials</i> , 2016, 34, 235-245.	2.0	47
50	Preparation and Performance of Nano HMX/TNT Cocrystals. <i>Propellants, Explosives, Pyrotechnics</i> , 2015, 40, 652-658.	1.6	38
51	Nano Cyclotetramethylene Tetranitramine Particles Prepared by a Green Recrystallization Process. <i>Propellants, Explosives, Pyrotechnics</i> , 2014, 39, 701-706.	1.6	30
52	Preparation and Properties of An Insensitive Booster Explosive Based on LLM-105. <i>Propellants, Explosives, Pyrotechnics</i> , 2013, 38, 136-141.	1.6	40
53	Preparation and Properties of 2,6-Diamino-3,5-dinitropyrazine oxide based Nanocomposites. <i>Propellants, Explosives, Pyrotechnics</i> , 2013, 38, 172-175.	1.6	25
54	A Fractal Approach to Assess the Risks of Nitroamine Explosives. <i>Journal of Energetic Materials</i> , 2012, 30, 1-29.	2.0	6

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55	Study on Ultrasound and Spray Assisted Precipitation of CL ₂₀ . Propellants, Explosives, Pyrotechnics, 2012, 37, 670-675.	1.6	36
56	Preparation and Performances of Castable HTPB/CL ₂₀ Booster Explosives. Propellants, Explosives, Pyrotechnics, 2011, 36, 34-41.	1.6	15
57	Preparation and Properties of HMX Coated with a Composite of TNT/Energetic Material. Propellants, Explosives, Pyrotechnics, 2010, 35, 365-372.	1.6	59
58	Effect of Habit Modifiers on Morphology and Properties of Nano HNS Explosive in Prefilming Twin Fluid Nozzle Assisted Precipitation. Propellants, Explosives, Pyrotechnics, 2009, 34, 78-83.	1.6	22
59	Prefilming twin-fluid nozzle assisted precipitation method for preparing nanocrystalline HNS and its characterization. Journal of Hazardous Materials, 2009, 162, 842-847.	12.4	46