

Yingbo Wang

List of Publications by Year in descending order

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15
papers

199
citations

1307594

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1058476

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#	ARTICLE	IF	CITATIONS
1	Nitrated Bacterial Cellulose-Based Energetic Nanocomposites as Propellants and Explosives for Military Applications. <i>ACS Applied Nano Materials</i> , 2021, 4, 1906-1915.	5.0	37
2	Three-dimensional network structure nitramine gun propellant with nitrated bacterial cellulose. <i>Journal of Materials Research and Technology</i> , 2020, 9, 15094-15101.	5.8	30
3	Safe Fabrication, Thermal Decomposition Kinetics, and Mechanism of Nanoenergetic Composite NBC/CL-20. <i>ACS Omega</i> , 2020, 5, 31407-31416.	3.5	27
4	Electrostatic spraying synthesis of energetic RDX@NGEC nanocomposites. <i>Chemical Engineering Journal</i> , 2022, 431, 133718.	12.7	27
5	Integrated High-Performance Concrete Beams Reinforced with Hybrid BFRP and Steel Bars. <i>Journal of Structural Engineering</i> , 2022, 148, .	3.4	18
6	Bio-inspired fabrication of energetic crystals@cellulose nanofibers core-shell composites with improved stability and reduced sensitivity. <i>Composites Communications</i> , 2021, 27, 100868.	6.3	15
7	Biomimetic-Inspired One-Step Strategy for Improvement of Interfacial Interactions in Cellulose Nanofibers by Modification of the Surface of Nitramine Explosives. <i>Langmuir</i> , 2021, 37, 8486-8497.	3.5	14
8	Fabrication of nitrocellulose-based nanoenergetic composites, study on its structure, thermal decomposition kinetics, mechanism, and sensitivity. <i>Nano Select</i> , 2021, 2, 2225-2236.	3.7	7
9	Synthesis of 3D Porous Network Nanostructure of Nitrated Bacterial Cellulose Gel with Eminent Heat Release, Thermal Decomposition Behaviour and Mechanism. <i>Propellants, Explosives, Pyrotechnics</i> , 2021, 46, 1292-1303.	1.6	7
10	Process Optimization of Supercritical CO ₂ Foamed SF ₃ Double-Base Propellant. <i>Propellants, Explosives, Pyrotechnics</i> , 2020, 45, 20-25.	1.6	5
11	Research on Preparation of Perfusion Explosive Using Foamed SF ₃ Double-Base Propellant. <i>Propellants, Explosives, Pyrotechnics</i> , 2017, 42, 1179-1184.	1.6	4
12	Preparation and characterisation of the NBC/CL-20/AP nanoenergetic composite materials. <i>Materials Technology</i> , 0, , 1-10.	3.0	2
13	Effect of Pressure of Supercritical CO ₂ on Perfusion Explosive with Foamed SF ₃ Propellant. <i>Propellants, Explosives, Pyrotechnics</i> , 2021, 46, 1740-1745.	1.6	2
14	Application of Supercritical CO ₂ Foaming Technology for Waste Double-Base Propellants. <i>ACS Omega</i> , 2021, 6, 30555-30561.	3.5	2
15	Design optimization and simulation of interior ballistic measurement technology based on parameters of large-caliber launch fuel. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 189, 110479.	5.0	2