

Bo Wu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

231
citations

1162889

8
h-index

996849

15
g-index

19
all docs

19
docs citations

19
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic assisted 90% loading CL-20 spherical particles: Enhancing self-sustaining combustion performance. <i>Defence Technology</i> , 2023, 22, 176-184.	2.1	10
2	Preparation of self-assembled FOX-7 nanosheets and their performance. <i>CrystEngComm</i> , 2022, 24, 1782-1788.	1.3	2
3	Novel high-energy ionic molecules deriving from new monovalent and divalent 4-oxyl-3,5-dinitropyrazolate moieties. <i>Journal of Energetic Materials</i> , 2021, 39, 10-22.	1.0	7
4	Novel energetic coordination compounds based on 3,5-dinitro-4-oxylpyrazolate ligand with excellent thermostability and low sensitivity. <i>Inorganica Chimica Acta</i> , 2021, 515, 120042.	1.2	3
5	Accurate Understanding the Catalytic Role of MnO ₂ in the Oxidative-Coupling of 2-naphthols into 1,1'-bi-2-naphthols. <i>Catalysis Letters</i> , 2021, 151, 901-908.	1.4	3
6	Enhanced oxygen evolution catalytic activity of NiS ₂ by coupling with ferrous phosphite and phosphide. <i>Sustainable Energy and Fuels</i> , 2021, 5, 1801-1808.	2.5	7
7	Facile synthesis of 4-amino-3,5-dinitropyrazolated energetic derivatives via 4-bromopyrazole and their performances. <i>FirePhysChem</i> , 2021, 1, 76-82.	1.5	7
8	Effect of 3-methyl-4-nitro-furoxan on morphology, thermal stability, rheological and mechanical properties of nitrocellulose (NC)-based energetic materials. <i>FirePhysChem</i> , 2021, 1, 90-96.	1.5	7
9	Butterfly wing fans the fire: High efficient combustion of CWs/CL-20/AP nanocomposite for light ignited micro thruster using multi-channeled hierarchical porous structure from butterfly wing scales. <i>Combustion and Flame</i> , 2021, 231, 111505.	2.8	12
10	Pushing the Limits of Energy Performance in Micron-Sized Thermite: Core-Shell Assembled Liquid Metal-Modified Al@Fe ₂ O ₃ Thermite. <i>ACS Applied Energy Materials</i> , 2021, 4, 11777-11786.	2.5	7
11	Multichanneled hierarchical porous nanocomposite CuO/carbonized butterfly wing and its excellent catalytic performance for thermal decomposition of ammonium perchlorate. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5730.	1.7	13
12	New Energetic Ionic Derivatives of Symmetric 4,6-Dihydrazinium-1,3,5-Triazine-2-ylidene Cation with Low Impact and Friction Sensitivities. <i>Propellants, Explosives, Pyrotechnics</i> , 2020, 45, 764-769.	1.0	1
13	Robust All-Cellulose Nanofiber Composite from Stack-Up Bacterial Cellulose Hydrogels via Self-Aggregation Forces. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 2696-2701.	2.4	9
14	Hollow FeP/Fe ₃ O ₄ Hybrid Nanoparticles on Carbon Nanotubes as Efficient Electrocatalysts for the Oxygen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 12783-12792.	4.0	41
15	Two-dimensional flower-shaped Au@Ag nanoparticle arrays as effective SERS substrates with high sensitivity and reproducibility for detection of thiram. <i>Journal of Materials Chemistry C</i> , 2020, 8, 3838-3845.	2.7	29
16	Engineering of the Band Center of Perovskite Cobaltite for Enhanced Electrocatalytic Oxygen Evolution. <i>ChemSusChem</i> , 2020, 13, 2671-2676.	3.6	39
17	Biomimetic assembly of multilevel hydroxyapatite using bacterial cellulose hydrogel as a reactor. <i>CrystEngComm</i> , 2019, 21, 4859-4863.	1.3	6
18	Facile Synthesis and Accelerated Combustion Effect of Micro-/Nanostructured Amorphous and Crystalline Metal Coordination Compounds Based on N,N-Bis[1-(H-tetrazol-5-yl)]amine. <i>ACS Applied Energy Materials</i> , 2019, 2, 8319-8327.	2.5	6

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19	Photoelectrochemical driving and clean synthesis of energetic salts of 5,5-diazotetrazolate at room temperature. <i>Green Chemistry</i> , 2018, 20, 3722-3726.	4.6	22