

Yanjing Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6781929/publications.pdf>

Version: 2024-02-01

24
papers

666
citations

516710

16
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

652
citing authors

#	ARTICLE	IF	CITATIONS
1	Insight into graphene-salen metal nanocomposites on combustion performance and mechanism of HMX-CMDB propellant. <i>Chemical Engineering Journal</i> , 2022, 429, 132175.	12.7	27
2	Effect of novel graphene-based ferrocene nanocomposites on thermal decomposition of AP. <i>Inorganica Chimica Acta</i> , 2022, 530, 120672.	2.4	11
3	Developing a high-voltage electrolyte based on <i>conjuncto</i> -hydroborates for solid-state sodium batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 7186-7194.	10.3	11
4	Ferrocene functionalized graphene: preparation, characterization and application as an efficient catalyst for the thermal decomposition of TKX-50. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 17567-17575.	2.8	6
5	Morphology-dependent catalytic activity of Fe ₂ O ₃ and its graphene-based nanocomposites on the thermal decomposition of AP. <i>FirePhysChem</i> , 2021, 1, 46-53.	3.4	30
6	Enhanced thermal decomposition, laser ignition and combustion properties of NC/Al/RDX composite fibers fabricated by electrospinning. <i>Cellulose</i> , 2021, 28, 6089.	4.9	33
7	Synergistic Coupling of Nickel Boride with Ru Cluster as a Highly Active Multifunctional Electrocatalyst for Overall Water Splitting and Glucose Electrolysis. <i>Advanced Sustainable Systems</i> , 2021, 5, 2000184.	5.3	20
8	The effect of rGO-Fe ₂ O ₃ nanocomposites with spherical, hollow and fusiform microstructures on the thermal decomposition of TKX-50. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 153, 109982.	4.0	7
9	Evaluation of graphene-ferrocene nanocomposite as multifunctional combustion catalyst in AP-HTPB propellant. <i>Fuel</i> , 2021, 302, 121229.	6.4	45
10	Catalytic Activity of Ferrates (NiFe ₂ O ₄ , ZnFe ₂ O ₄ and) Tj ETQq0 0 0 rgBT /Overlock Propellants, Explosives, Pyrotechnics, 2020, 45, 463-471.	1.6	44
11	Effects of metal-organic complex Ni(Salen) on thermal decomposition of 1,1-diamino-2,2-dinitroethylene (FOX-7). <i>RSC Advances</i> , 2020, 10, 1769-1775.	3.6	16
12	Synthesis, characterization and catalytic behavior of MFe ₂ O ₄ (M = Ni, Zn and Co) nanoparticles on the thermal decomposition of TKX-50. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 141, 1413-1423.	3.6	25
13	Multifunctional Co@O@CoxB catalysts for efficient hydrogen generation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 380-390.	7.1	21
14	Reinforced combustion of the ZrH ₂ -HMX-CMDB propellant: The critical role of hydrogen. <i>Chemical Engineering Journal</i> , 2020, 402, 126275.	12.7	24
15	Catalytic Effects of rGO@MFe ₂ O ₄ (M = Ni, Co, and Zn) Nanocomposites on the Thermal Decomposition Performance and Mechanism of Energetic FOX-7. <i>Journal of Physical Chemistry A</i> , 2020, 124, 1673-1681.	2.5	20
16	Electroless Plating of Transition Metal Boride with High Boron Content as Superior HER Electrocatalyst. <i>ChemCatChem</i> , 2020, 12, 3068-3075.	3.7	23
17	Ignition and Combustion Behaviors of High Energetic Polyhedral Boron Cluster. <i>Propellants, Explosives, Pyrotechnics</i> , 2019, 44, 1319-1326.	1.6	6
18	Li(NH ₃) ₃ B ₃ H ₈ : a new ionic liquid octahydrotriborate. <i>Chemical Communications</i> , 2019, 55, 408-411.	4.1	15

#	ARTICLE	IF	CITATIONS
19	Hydrogen-enhanced combustion of a composite propellant with ZrH ₂ as the fuel. Combustion and Flame, 2018, 187, 67-76.	5.2	19
20	Effect of rGO@Fe ₂ O ₃ nanocomposites fabricated in different solvents on the thermal decomposition properties of ammonium perchlorate. CrystEngComm, 2018, 20, 7010-7019.	2.6	40
21	Electroless Plating of Highly Efficient Bifunctional Boride-Based Electrodes toward Practical Overall Water Splitting. Advanced Energy Materials, 2018, 8, 1801372.	19.5	127
22	Facile preparation and dehydrogenation of unsolvated KB ₃ H ₈ . Chemical Communications, 2017, 53, 11083-11086.	4.1	13
23	On the combustion mechanisms of ZrH ₂ in double-base propellant. Physical Chemistry Chemical Physics, 2017, 19, 32597-32604.	2.8	16
24	Effects of metal organic framework Fe-BTC on the thermal decomposition of ammonium perchlorate. RSC Advances, 2016, 6, 67308-67314.	3.6	67