

Kaichang Kou

List of Publications by Year in descending order

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papers

502
citations

1040056

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15
times ranked

476
citing authors

#	ARTICLE	IF	CITATIONS
1	PVP-assisted transformation of ZIF-67 into cobalt layered double hydroxide/carbon fiber as electromagnetic wave absorber. <i>Carbon</i> , 2021, 173, 80-90.	10.3	88
2	2-Methylimidazole-mediated hierarchical Co ₃ O ₄ /N-doped carbon/short-carbon-fiber composite as high-performance electromagnetic wave absorber. <i>Journal of Colloid and Interface Science</i> , 2020, 574, 1-10.	9.4	84
3	Double-shell hollow glass microspheres@Co ₂ SiO ₄ for lightweight and efficient electromagnetic wave absorption. <i>Chemical Engineering Journal</i> , 2021, 408, 127313.	12.7	72
4	Transparent MoS ₂ /PEDOT Composite Counter Electrodes for Bifacial Dye-Sensitized Solar Cells. <i>ACS Omega</i> , 2020, 5, 8687-8696.	3.5	60
5	Recent Advances in Synthesis and Properties of Nitrated-Pyrazoles Based Energetic Compounds. <i>Molecules</i> , 2020, 25, 3475.	3.8	47
6	High efficiency electromagnetic wave absorber derived from transition metal layered double hydroxides. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 733-740.	9.4	45
7	Porous high entropy alloys for electromagnetic wave absorption. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 512, 167065.	2.3	39
8	Bioinspired Strategy for HMX@hBNNs Dual Shell Energetic Composites with Enhanced Desensitization and Improved Thermal Property. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001054.	3.7	19
9	MOFs-derived hollow materials for electromagnetic wave absorption: prospects and challenges. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 25631-25648.	2.2	10
10	Enhanced catalytic property of transparent PEDOT counter electrodes for bifacial dye sensitized solar cells. <i>Materials Today Communications</i> , 2020, 25, 101313.	1.9	8
11	Dopant-Free π -Conjugated Hole Transport Materials for Highly Stable and Efficient Perovskite Solar Cells. <i>Frontiers in Chemistry</i> , 2021, 9, 664504.	3.6	8
12	Hydrogen-Bonded Colorimetric and Fluorescence Chemosensor for Fluoride Anion With High Selectivity and Sensitivity: A Review. <i>Frontiers in Chemistry</i> , 2021, 9, 666450.	3.6	8
13	Investigation of the Phase Behavior of a HNIW \cdot TNT Cocrystal System and Construction of Ternary Phase Diagrams. <i>Crystal Growth and Design</i> , 2019, 19, 6370-6376.	3.0	6
14	Investigation of the solid-liquid ternary phase diagrams of 2HNIW \cdot HMX cocrystal. <i>RSC Advances</i> , 2021, 11, 9542-9549.	3.6	5
15	Novel synthesis of poly(2-acryloyloxyethyl ferrocenecarboxylate) as quasi-reversible redox-active gel polymer electrolytes. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 10437-10445.	2.2	3