

Yuxiang Dai

List of Publications by Year in descending order

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21
papers

620
citations

1040056

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752698

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21
all docs

21
docs citations

21
times ranked

701
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure-Induced Blue-Shifted and Enhanced Emission: A Cooperative Effect between Aggregation-Induced Emission and Energy-Transfer Suppression. <i>Journal of the American Chemical Society</i> , 2020, 142, 1153-1158.	13.7	178
2	Pressure-Induced Emission Enhancement of Carbazole: The Restriction of Intramolecular Vibration. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4191-4196.	4.6	95
3	Rehybridization of Nitrogen Atom Induced Photoluminescence Enhancement under Pressure Stimulation. <i>Advanced Functional Materials</i> , 2017, 27, 1602276.	14.9	92
4	Monodisperse π - π Stacking Anthracene Dimer under Pressure: Unique Fluorescence Behaviors and Experimental Determination of Interplanar Distance at Excimer Equilibrium Geometry. <i>Advanced Optical Materials</i> , 2018, 6, 1800085.	7.3	63
5	Photocatalytic properties of Fe-doped ZnO electrospun nanofibers. <i>Ceramics International</i> , 2018, 44, 19998-20005.	4.8	55
6	Pressure Tuning Dual Fluorescence of 4-(<i>N,N</i> -Dimethylamino)benzotrile. <i>Journal of Physical Chemistry C</i> , 2017, 121, 4909-4916.	3.1	21
7	Pressure-induced excimer formation and fluorescence enhancement of an anthracene derivative. <i>Journal of Materials Chemistry C</i> , 2021, 9, 934-938.	5.5	20
8	Preparation of Cu ₂ O nanocubes with different sizes and rough surfaces by a seed-mediated self-assembly process and their application as a non-enzymatic glucose sensor. <i>New Journal of Chemistry</i> , 2020, 44, 15662-15670.	2.8	16
9	Lightweight electromagnetic wave absorbent composites with Fe ₃ O ₄ nanocrystals uniformly decorated on the surface of carbon spheres. <i>Nanoscale</i> , 2022, 14, 10456-10468.	5.6	14
10	Study on the oriented self-assembly of cuprous oxide micro-nano cubes and its application as a non-enzymatic glucose sensor. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 211, 112317.	5.0	10
11	Origin of linear magnetoresistance in polycrystalline Bi films. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	9
12	The dependence of Cu ₂ O morphology on different surfactants and its application for non-enzymatic glucose detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112087.	5.0	8
13	High-Pressure-Induced Phase Transition in 2,5-Diketopiperazine: The Anisotropic Compression of N-H \cdots O Hydrogen-Bonded Tapes. <i>Journal of Physical Chemistry C</i> , 2018, 122, 11747-11753.	3.1	7
14	Selected Reactive Sites Tuned by High Pressure: Oligomerization of Solid-State Cyanamide. <i>Journal of Physical Chemistry C</i> , 2015, 119, 12801-12807.	3.1	6
15	High-pressure-induced phase transition in 1,3-diphenylurea: The approaching of N-H \cdots O hydrogen-bonded chains. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 1744-1752.	2.5	6
16	Preparation of three dimensional Cu ₂ O/Au/GO hybrid electrodes and its application as a non-enzymatic glucose sensor. <i>Microchemical Journal</i> , 2022, 179, 107451.	4.5	6
17	Preparation of Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ (Bi2212) superconductor by Pechini sol-gel method: thermal decomposition and phase formation kinetics of the precursors. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 19997-20008.	2.2	4
18	The interface boundaries channel-based method for improving the hydrophobicity of semimetal films. <i>Applied Surface Science</i> , 2020, 524, 146097.	6.1	4

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19	Preparation of Barbed ZnO Fibers and the Selective Adsorption Behavior for BSA. ACS Omega, 2021, 6, 16438-16445.	3.5	3
20	Pressure-induced phase transition of 4-aminobenzonitrile: the formation and enhancement of N-H...N weak hydrogen bonds. RSC Advances, 2018, 8, 4588-4594.	3.6	2
21	High-Pressure Study of the Vibrational Properties and Chemical Reaction of N-Vinyl-2-pyrrolidinone by Raman Spectroscopy. Journal of Physical Chemistry C, 2021, 125, 9342-9349.	3.1	1