Yuxiang Dai

List of Publications by Year
in descending order

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21 papers	620 citations	1040056 9 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	701 citing authors

#	Article	IF	Citations
1	Study on the oriented self-assembly of cuprous oxide micro-nano cubes and its application as a non-enzymatic glucose sensor. Colloids and Surfaces B: Biointerfaces, 2022, 211, 112317.	5.0	10
2	Preparation of three dimensional Cu2O/Au/GO hybrid electrodes and its application as a non-enzymatic glucose sensor. Microchemical Journal, 2022, 179, 107451.	4.5	6
3	Lightweight electromagnetic wave absorbent composites with Fe₃O₄ nanocrystals uniformly decorated on the surface of carbon spheres. Nanoscale, 2022, 14, 10456-10468.	5.6	14
4	Pressure-induced excimer formation and fluorescence enhancement of an anthracene derivative. Journal of Materials Chemistry C, 2021, 9, 934-938.	5.5	20
5	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
6	Preparation of Barbed ZnO Fibers and the Selective Adsorption Behavior for BSA. ACS Omega, 2021, 6, 16438-16445.	3.5	3
7	The dependence of Cu2O morphology on different surfactants and its application for non-enzymatic glucose detection. Colloids and Surfaces B: Biointerfaces, 2021, 208, 112087.	5.0	8
8	Pressure-Induced Blue-Shifted and Enhanced Emission: A Cooperative Effect between Aggregation-Induced Emission and Energy-Transfer Suppression. Journal of the American Chemical Society, 2020, 142, 1153-1158.	13.7	178
9	Preparation of Bi2Sr2CaCu2O8+Î´(Bi2212) superconductor by Pechini solâ€“gel method: thermal decomposition and phase formation kinetics of the precursors. Journal of Materials Science: Materials in Electronics, 2020, 31, 19997-20008.	2.2	4
10	Preparation of Cu₂O nanocubes with different sizes and rough surfaces by a seed-mediated self-assembly process and their application as a non-enzymatic glucose sensor. New Journal of Chemistry, 2020, 44, 15662-15670.	2.8	16
11	The interface boundaries channel-based method for improving the hydrophobicity of semimetal films. Applied Surface Science, 2020, 524, 146097.	6.1	4
12	Origin of linear magnetoresistance in polycrystalline Bi films. Journal of Applied Physics, 2020, 127, .	2.5	9
13	Highâ€pressureâ€induced phase transition in 1,3â€diphenylurea: The approaching of Nâ€“Hâ‹¯O hydrogenâ€bonded chains. Journal of Raman Spectroscopy, 2019, 50, 1744-1752.	2.5	6
14	Pressure-induced phase transition of 4-aminobenzonitrile: the formation and enhancement of Nâ€“Hâ‹¯N weak hydrogen bonds. RSC Advances, 2018, 8, 4588-4594.	3.6	2
15	Monodisperse Ï€â€“Ï€ Stacking Anthracene Dimer under Pressure: Unique Fluorescence Behaviors and Experimental Determination of Interplanar Distance at Excimer Equilibrium Geometry. Advanced Optical Materials, 2018, 6, 1800085.	7.3	63
16	High-Pressure-Induced Phase Transition in 2,5-Diketopiperazine: The Anisotropic Compression of Nâ€“HÂ·Â·Â·O Hydrogen-Bonded Tapes. Journal of Physical Chemistry C, 2018, 122, 11747-11753.	3.1	7
17	Photocatalytic properties of Fe-doped ZnO electrospun nanofibers. Ceramics International, 2018, 44, 19998-20005.	4.8	55
18	Pressure Tuning Dual Fluorescence of 4-(N,N-Dimethylamino)benzonitrile. Journal of Physical Chemistry C, 2017, 121, 4909-4916.	3.1	21

#	ARTICLE	IF	CITATIONS
19	Pressure-Induced Emission Enhancement of Carbazole: The Restriction of Intramolecular Vibration. Journal of Physical Chemistry Letters, 2017, 8, 4191-4196.	4.6	95
20	Rehybridization of Nitrogen Atom Induced Photoluminescence Enhancement under Pressure Stimulation. Advanced Functional Materials, 2017, 27, 1602276.	14.9	92
21	Selected Reactive Sites Tuned by High Pressure: Oligomerization of Solid-State Cyanamide. Journal of Physical Chemistry C, 2015, 119, 12801-12807.	3.1	6