

Tong Lu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

527
citations

933447

10
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

569
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrocyclic Arenes-Based Conjugated Macrocyclic Polymers for Highly Selective CO ₂ Capture and Iodine Adsorption. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8967-8975.	13.8	119
2	A key stacking factor for the effective formation of pyrene excimer in crystals: degree of π - π overlap. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11830-11838.	5.5	67
3	Facile Strategy for Facet Competition Management to Improve the Performance of Perovskite Single-Crystal X-ray Detectors. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 3529-3535.	4.6	60
4	Supramolecular Engineering of Efficient Artificial Light-Harvesting Systems from Cyanovinylene Chromophores and Pillar[5]arene-Based Polymer Hosts. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 4593-4604.	8.0	50
5	Oriented 2D Perovskite Wafers for Anisotropic X-ray Detection through a Fast Tableting Strategy. <i>Advanced Materials</i> , 2022, 34, e2108020.	21.0	43
6	Modulating Room Temperature Phosphorescence by Oxidation of Thianthrene to Achieve Pure Organic Single-Molecule White-Light Emission. <i>CCS Chemistry</i> , 2021, 3, 1940-1948.	7.8	28
7	Macrocyclic Arenes-Based Conjugated Macrocyclic Polymers for Highly Selective CO ₂ Capture and Iodine Adsorption. <i>Angewandte Chemie</i> , 2021, 133, 9049-9057.	2.0	24
8	Multi-functionalized graphene oxide complex as a plasmid delivery system for targeting hepatocellular carcinoma therapy. <i>RSC Advances</i> , 2016, 6, 22461-22468.	3.6	22
9	Conformational Control of a Metallo-Supramolecular Cage via the Dissymmetrical Modulation of Ligands. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26523-26527.	13.8	21
10	Luminogens Based on Cyano-Substituted Anthracene Isomers: Different Molecular Packing and Distinct Piezochromic Properties. <i>Advanced Optical Materials</i> , 2021, 9, 2100813.	7.3	16
11	Pressure-Induced Restricting Intermolecular Vibration of a Herringbone Dimer for Significantly Enhanced Multicolor Emission in Rotor-Free Truxene Crystals. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2493-2499.	4.6	16
12	Designing narcissistic self-sorting terpyridine moieties with high coordination selectivity for complex metallo-supramolecules. <i>Communications Chemistry</i> , 2021, 4, .	4.5	11
13	Plasmonic Bi nanoparticles encapsulated by N-Carbon for dual-imaging and photothermal/photodynamic/chemo-therapy. <i>Materials Science and Engineering C</i> , 2022, 134, 112546.	7.3	11
14	A Multiple Chirality Switching Device for Spatial Light Modulators. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2018-2023.	13.8	10
15	A multifunctional material with distinct mechanochromic and piezochromic properties: π -stacking in play. <i>Materials Chemistry Frontiers</i> , 2021, 6, 86-93.	5.9	10
16	Molecular conformation modulating luminescence switching between delayed fluorescence and room-temperature phosphorescence. <i>Journal of Materials Chemistry C</i> , 2021, 9, 17511-17517.	5.5	7
17	Enantioselective Inhibition of Human Papillomavirus L1 Pentamer Formation by Chiral-Proline Modified Calix[4]arenes: Targeting the Protein Interface. <i>ChemistrySelect</i> , 2016, 1, 6243-6249.	1.5	5
18	From Dimeric to Octameric Metallo-Supramolecular Macrocycles Based on Sterically Congested Ligand-assisted Self-Assembly with Zn(II), Cd(II), and Fe(II). <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000095.	3.9	3

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19	A Multiple Chirality Switching Device for Spatial Light Modulators. <i>Angewandte Chemie</i> , 2021, 133, 2046-2051.	2.0	2
20	Conformational Control of Metallo-supramolecular Cage via the Dissymmetrical Modulation of Ligands. <i>Angewandte Chemie</i> , 0, , .	2.0	2