

Xiaoyue Mu

List of Publications by Year in descending order

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29
papers

1,530
citations

430874

18
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

2264
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple and Clean Photoinduced Aromatic Trifluoromethylation Reaction. <i>Journal of the American Chemical Society</i> , 2016, 138, 5809-5812.	13.7	271
2	Formation of Chiral Nematic Films from Cellulose Nanocrystal Suspensions Is a Two-Stage Process. <i>Langmuir</i> , 2014, 30, 9256-9260.	3.5	178
3	Photo-induced Metal-Catalyst-Free Aromatic Finkelstein Reaction. <i>Journal of the American Chemical Society</i> , 2015, 137, 8328-8331.	13.7	157
4	Photoinduced Conversion of Methane into Benzene over GaN Nanowires. <i>Journal of the American Chemical Society</i> , 2014, 136, 7793-7796.	13.7	136
5	Droplets of cellulose nanocrystal suspensions on drying give iridescent 3-D "coffee-stain" rings. <i>Cellulose</i> , 2015, 22, 1103-1107.	4.9	99
6	Nitrogen Photofixation over III-Nitride Nanowires Assisted by Ruthenium Clusters of Low Atomicity. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8701-8705.	13.8	96
7	Chiral Nematic Structure of Cellulose Nanocrystal Suspensions and Films; Polarized Light and Atomic Force Microscopy. <i>Materials</i> , 2015, 8, 7873-7888.	2.9	91
8	Purely Organic Phosphorescence Emitter-Based Efficient Electroluminescence Devices. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 5983-5988.	4.6	76
9	Simple and Efficient System for Combined Solar Energy Harvesting and Reversible Hydrogen Storage. <i>Journal of the American Chemical Society</i> , 2015, 137, 7576-7579.	13.7	52
10	Alkyl Chain Length Dependent Morphology and Emission Properties of the Organic Micromaterials Based on Fluorinated Quinacridone Derivatives. <i>Langmuir</i> , 2009, 25, 3264-3270.	3.5	40
11	Fe-Pt nanoclusters modified Mott-Schottky photocatalysts for enhanced ammonia synthesis at ambient conditions. <i>Applied Catalysis B: Environmental</i> , 2020, 262, 118276.	20.2	40
12	Porous lanthanide-copper coordination frameworks exhibiting reversible single-crystal-to-single-crystal transformation based on variable coordination number and geometry. <i>CrystEngComm</i> , 2008, 10, 598.	2.6	37
13	Photo-induced iodination of aryl halides under very mild conditions. <i>Nature Protocols</i> , 2016, 11, 1948-1954.	12.0	33
14	Light-Induced Nonoxidative Coupling of Methane Using Stable Solid Solutions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20760-20764.	13.8	30
15	Controllable Self-Assembly of n-Type Semiconductors to Microtubes and Highly Conductive Ultralong Microwires. <i>Advanced Materials</i> , 2010, 22, 4905-4909.	21.0	27
16	Nitrogen Photofixation over III-Nitride Nanowires Assisted by Ruthenium Clusters of Low Atomicity. <i>Angewandte Chemie</i> , 2017, 129, 8827-8831.	2.0	25
17	Twist-Bend Stage in the Relaxation of Sheared Chiral Nematic Suspensions of Cellulose Nanocrystals. <i>ACS Omega</i> , 2016, 1, 212-219.	3.5	21
18	Self-assembly of luminescent twisted fibers based on achiral quinacridone derivatives. <i>Nano Research</i> , 2009, 2, 493-499.	10.4	18

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19	Mechanochromic luminescence based on a phthalonitrile-bridging salophen zinc(<i>ii</i>) complex. <i>New Journal of Chemistry</i> , 2019, 43, 15886-15891.	2.8	18
20	Photoluminescent manipulation of phenoxazine-based molecules <i>via</i> regulating conformational isomerization, and the corresponding electroluminescent properties. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14255-14263.	5.5	18
21	Fluorine-Substituted Phenanthro[9,10-d]imidazole Derivatives with Optimized Charge-Transfer Characteristics for Efficient Deep-Blue Emitters. <i>Organic Materials</i> , 2020, 02, 011-019.	2.0	9
22	Half-sandwich rare-earth metal complexes bearing a C ₅ Me ₄ -C ₆ H ₄ - <i>o</i> -CH ₂ NMe ₂ ligand: synthesis, characterization and catalytic properties for isoprene, 1-hexene and MMA polymerization. <i>Dalton Transactions</i> , 2019, 48, 17840-17851.	3.3	6
23	From sky blue to orange red: Accomplishment of single-emitter full-color electroluminescence via manipulating intermolecular π - π interactions. <i>Organic Electronics</i> , 2020, 78, 105550.	2.6	6
24	Refining active sites and hydrogen spillover for boosting visible-light-driven ammonia synthesis at room temperature. <i>Journal of Materials Chemistry A</i> , 2021, 9, 22827-22832.	10.3	6
25	Light-Induced Nonoxidative Coupling of Methane Using Stable Solid Solutions. <i>Angewandte Chemie</i> , 2021, 133, 20928-20932.	2.0	6
26	Electronic and Interface Regulation of Wurtzite Surfaces Promotes Photocatalytic Ammonia Synthesis under Visible Light Irradiation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13630-13639.	6.7	6
27	Au ⁺ -Au interaction induced semiconducting microwires with photo- and vapor-responsive properties. <i>Organic Electronics</i> , 2012, 13, 457-463.	2.6	5
28	Constrained Geometry Nitrogen-Functionalised Diphenylcyclopentadienyl Chromium (III) Complex: Synthesis, Structure and Catalytic Properties for Ethylene Polymerisation. <i>Journal of Chemical Research</i> , 2006, 2006, 552-554.	1.3	4
29	Zirconium Complexes with Bulkier Amine Bis(phenolate) Ligands and Their Catalytic Properties for Ethylene (Co)polymerization. <i>Inorganic Chemistry</i> , 2022, , .	4.0	4