

Hai-Lang Jia

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Two New Luminescent Cd(II)-Metal-Organic Frameworks as Bifunctional Chemosensors for Detection of Cations Fe^{3+} , Anions CrO_4^{2-} , and $\text{Cr}_2\text{O}_7^{2-}$ in Aqueous Solution. <i>Crystal Growth and Design</i> , 2017, 17, 67-72.	3.0	295
2	Three Highly Stable Cobalt MOFs Based on μ_3 -Shaped Carboxylic Acid: Synthesis and Absorption of Anionic Dyes. <i>Inorganic Chemistry</i> , 2016, 55, 8816-8821.	4.0	70
3	Efficient cosensitization of new organic dyes containing bipyridine anchors with porphyrins for dye-sensitized solar cells. <i>Sustainable Energy and Fuels</i> , 2020, 4, 347-353.	4.9	47
4	Effects of structural optimization on the performance of dye-sensitized solar cells: spirobifluorene as a promising building block to enhance V_{oc} . <i>Journal of Materials Chemistry A</i> , 2016, 4, 11782-11788.	10.3	35
5	Picolinic acid as an efficient tridentate anchoring group adsorbing at Lewis acid sites and Brønsted acid sites of the TiO_2 surface in dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 14809-14816.	10.3	30
6	Effects of heterocycles containing different atoms as π -bridges on the performance of dye-sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 16334-16340.	2.8	28
7	Fe_3O_4 -Loaded $g\text{-C}_3\text{N}_4/\text{C}$ -Layered Composite as a Ternary Photocatalyst for Tetracycline Degradation. <i>ACS Omega</i> , 2020, 5, 30980-30988.	3.5	27
8	Enhanced performance of dye-sensitized solar cells with Y-shaped organic dyes containing di-anchoring groups. <i>New Journal of Chemistry</i> , 2016, 40, 2799-2805.	2.8	24
9	Highly efficient stereoscopic phenothiazine dyes with different anchors for dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2018, 42, 18702-18707.	2.8	20
10	Insight into the effects of modifying π -bridges on the performance of dye-sensitized solar cells containing triphenylamine dyes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29555-29560.	2.8	16
11	New 2D π -A organic dyes with bipyridine anchoring groups for DSSCs. <i>New Journal of Chemistry</i> , 2019, 43, 5820-5825.	2.8	16
12	A supramolecular assembly of metal-free organic dye with zinc porphyrin chromophore for dye-sensitized solar cells. <i>Dalton Transactions</i> , 2017, 46, 15124-15129.	3.3	14
13	Improvement of photovoltaic performance of DSSCs by modifying panchromatic zinc porphyrin dyes with heterocyclic units. <i>Journal of Materials Chemistry A</i> , 2014, 2, 20841-20848.	10.3	12
14	Improvement of dye-sensitized solar cells performance through introducing different heterocyclic groups to triarylamine dyes. <i>RSC Advances</i> , 2015, 5, 3720-3727.	3.6	12
15	Highly active Co-N-doped graphene as an efficient bifunctional electrocatalyst (ORR/HER) for flexible all-solid-state zinc-air batteries. <i>Sustainable Energy and Fuels</i> , 2020, 4, 6165-6173.	4.9	9
16	New porphyrin dyes containing a hydrazide anchor for dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2018, 42, 13770-13774.	2.8	8
17	Self-Assembly by Coordination with Organic Antenna Chromophores for Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15845-15852.	8.0	8
18	Efficient phenothiazine-ruthenium sensitizers with high open-circuit voltage (V_{oc}) for high performance dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2020, 180, 108454.	3.7	8

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19	S-Doped hierarchical graphene decorated with Co-porphyrins as an efficient electrocatalyst for zinc-air batteries. <i>New Journal of Chemistry</i> , 2020, 44, 14343-14349.	2.8	7
20	A highly efficient bifunctional electrocatalyst (ORR/OER) derived from GO functionalized with carbonyl, hydroxyl and epoxy groups for rechargeable zinc-air batteries. <i>New Journal of Chemistry</i> , 2021, 45, 6535-6542.	2.8	6
21	An Efficient Catalyst Derived from Carboxylated Lignin-Anchored Iron Nanoparticle Compounds for Carbon Monoxide Hydrogenation Application. <i>ACS Omega</i> , 2021, 6, 16592-16599.	3.5	5
22	Ru@N/S/TiO ₂ /rGO: a high performance HER electrocatalyst prepared by dye-sensitization. <i>Dalton Transactions</i> , 2021, 50, 15585-15592.	3.3	4
23	Ruthenium Nanoparticles Supported on S-doped Graphene as an Efficient HER Electrocatalyst. <i>New Journal of Chemistry</i> , 0, , .	2.8	4