Xiangfei Kong

List of Publications by Year in descending order

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22	311	840776 11	888059 17
papers	citations	h-index	g-index

22	22	22	314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Mesogenic Triphenyleneâ^'Peryleneâ^'Triphenylene Triad. Organic Letters, 2011, 13, 764-767.	4.6	71
2	DMF as Methine Source: Copperâ€Catalyzed Direct Annulation of Hydrazides to 1,3,4â€Oxadiazoles. Advanced Synthesis and Catalysis, 2019, 361, 3986-3990.	4.3	28
3	The driving force for homeotropic alignment of a triphenylene derivative in a hexagonal columnar mesophase on single substrates. Thin Solid Films, 2010, 518, 1973-1979.	1.8	24
4	Homeotropic alignment through charge-transfer-induced columnar mesophase formation in an unsymmetrically substituted triphenylene derivative. Pure and Applied Chemistry, 2010, 82, 1993-2003.	1.9	21
5	The Câ€“H Activation/Bidirecting Group Strategy for Selective Direct Synthesis of Diverse 1,1â€²-Biisoquinolines. Organic Letters, 2020, 22, 4207-4212.	4.6	20
6	Divergent synthesis of unsymmetrical azobenzenes via Cu-catalyzed Câ€“N coupling. Organic Chemistry Frontiers, 2021, 8, 5962-5967.	4.5	17
7	A Molecular Engineering Strategy of Phenylamine-Based Zinc-Porphyrin Dyes for Dye-Sensitized Solar Cells: Synthesis, Characteristics, and Structureâ€“Performance Relationships. ACS Applied Energy Materials, 2021, 4, 9267-9275.	5.1	17
8	Comparative Studies on the Structureâ€“Performance Relationships of Phenothiazine-Based Organic Dyes for Dye-Sensitized Solar Cells. ACS Omega, 2021, 6, 6817-6823.	3.5	16
9	Cu-Catalyzed tandem N-arylation of phthalhydrazides with cyclic iodoniums to yield dihydrobenzo[c]cinnolines. Organic and Biomolecular Chemistry, 2020, 18, 4824-4830.	2.8	15
10	Novel Dâ€“Aâ^'Ï€â€“A Organic Dyes with Phenoxazine as a Donor Unit for Dye-Sensitized Solar Cells: The Effect of an Ethynyl Group on Performance. Energy & Fuels, 2021, 35, 19748-19755.	5.1	12
11	Synthesis and investigation on liquid crystal and optical properties of dyads based on triphenylene and perylene. RSC Advances, 2017, 7, 17030-17037.	3.6	11
12	Synthesis and investigation on optoelectronic properties of mesogenic triphenyleneâ€“perylene dyads linked by ethynylphenyl bridges. New Journal of Chemistry, 2018, 42, 3211-3221.	2.8	11
13	Enhanced luminescence intensity of near-infrared-sensitized upconversion nanoparticles via Ca²⁺ doping for a nitric oxide release platform. Journal of Materials Chemistry B, 2020, 8, 6481-6489.	5.8	11
14	Synthesis and liquid crystal properties of triphenylene liquid crystals bearing polymerisable acrylate and methacrylate groups. Liquid Crystals, 2011, 38, 943-955.	2.2	10
15	Catalytic Performance of MILâ€88B(V) and MILâ€101(V) MOFs for the Selective Catalytic Reduction of NO with NH₃. ChemCatChem, 2021, 13, 940-951.	3.7	7
16	A novel porphyrin dye with phenoxazine as donor unit for efficient dye-sensitized solar cells. Dyes and Pigments, 2021, 190, 109308.	3.7	7
17	The effect of conjugated groups for favourable molecular planarity and efficient suppression of charge recombination simultaneously of phenothiazine-based organic dyes for dye-sensitized solar cells. Synthetic Metals, 2022, 290, 117137.	3.9	7
18	Visible-Light-Mediated Synthesis of Rutaecarpine Alkaloids through Câ€“N Cross-Coupling Reaction. Synlett, 2021, 32, 987-992.	1.8	2

#	Article	IF	Citations
19	Discotic liquid crystals with aggregation-induced emission properties based on tetraphenylethylene and triphenylene derivatives. Molecular Crystals and Liquid Crystals, 0, , 1-12.	0.9	2
20	Cu/Fe-mediated N(sp2)-arylation/alkenylation of pyridines with aryl-/alkenylboronic acids to yield versatile cationic materials. New Journal of Chemistry, 2022, 46, 2320-2325.	2.8	1
21	Tuning Molecular Interaction in Polymer Solar Cells via a Multifunctional Discotic Component to Enhance Photovoltaic Response. Solar Rrl, 0, , 2200101.	5.8	1
22	Tuning Molecular Interaction in Polymer Solar Cells via a Multifunctional Discotic Component to Enhance Photovoltaic Response. Solar Rrl, 2022, 6, .	5.8	0