

Yan-Qin Li

List of Publications by Year in descending order

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36
papers

1,196
citations

394421

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377865

34
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37
docs citations

37
times ranked

1801
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct catalytic hydrogenation of CO ₂ to formate over a Schiff-base-mediated gold nanocatalyst. <i>Nature Communications</i> , 2017, 8, 1407.	12.8	177
2	Organic electron-rich N-heterocyclic compound as a chemical bridge: building a Brønsted acidic ionic liquid confined in MIL-101 nanocages. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6530.	10.3	98
3	A trichromatic MOF composite for multidimensional ratiometric luminescent sensing. <i>Chemical Science</i> , 2018, 9, 2918-2926.	7.4	96
4	D-π-A type benzothiadiazole-triphenylamine based small molecules containing cyano on the π-bridge for solution-processed organic solar cells with high open-circuit voltage. <i>Chemical Communications</i> , 2012, 48, 10627.	4.1	83
5	Metal-organic frameworks HKUST-1 as porous matrix for encapsulation of basic ionic liquid catalyst: effect of chemical behaviour of ionic liquid in solvent. <i>Journal of Porous Materials</i> , 2015, 22, 247-259.	2.6	69
6	High performance asymmetrical push-pull small molecules end-capped with cyanophenyl for solution-processed solar cells. <i>Chemical Communications</i> , 2014, 50, 10251-10254.	4.1	61
7	Design of organic small molecules for photovoltaic application with high open-circuit voltage (V_{oc}). <i>Journal of Materials Chemistry C</i> , 2019, 7, 2487-2521.	5.5	57
8	D-π-A low band gap molecule containing triphenylamine and benzoxadiazole/benzothiadiazole units: Synthesis and photophysical properties. <i>Dyes and Pigments</i> , 2012, 95, 229-235.	3.7	55
9	The synthesis and photovoltaic properties of A-π-A-type small molecules containing diketopyrrolopyrrole terminal units. <i>New Journal of Chemistry</i> , 2013, 37, 632-639.	2.8	51
10	1-D π-Platinum Wire-Stacking Structure Built of Platinum(II) Diimine Bis(π-acetylide) Units with Luminescence in the NIR Region. <i>Inorganic Chemistry</i> , 2016, 55, 10208-10217.	4.0	41
11	D-π-A type low band gap diketopyrrolopyrrole based small molecules containing an ethynyl-linkage: synthesis and photovoltaic properties. <i>RSC Advances</i> , 2015, 5, 31606-31614.	3.6	37
12	Linkage effects of linear D-π-A type diketopyrrolopyrrole-triphenylamine based solution-processable organic small molecule photovoltaic materials. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4019.	5.5	34
13	PdCl ₂ immobilized on metal-organic framework CuBTC with the aid of ionic liquids: enhanced catalytic performance in selective oxidation of cyclohexene. <i>RSC Advances</i> , 2016, 6, 33048-33054.	3.6	34
14	Facile and Equipment-Free Data Encryption and Decryption by Self-Encrypting Pt(II) Complex. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 13350-13358.	8.0	28
15	Two Polymorphic Polyoxometalate-Based Metal-Organic Frameworks for the Efficient Synthesis of Functionalized Sulfoxides and Detoxification of Mustard Gas Simulants. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 15683-15693.	6.7	28
16	High open-circuit voltage of the solution-processed organic solar cells based on benzothiadiazole-triphenylamine small molecules incorporating π-linkage. <i>Organic Electronics</i> , 2014, 15, 1138-1148.	2.6	26
17	Tuning photovoltaic performance of DOBT-based dyes via molecular design with ethynyl-linker and terminal electron-donating segment. <i>Dyes and Pigments</i> , 2017, 140, 203-211.	3.7	24
18	Iridium-catalyzed asymmetric hydrogenation of dibenzo[b,f][1,4]thiazepines. <i>Pure and Applied Chemistry</i> , 2013, 85, 843-849.	1.9	23

#	ARTICLE	IF	CITATIONS
19	Tuning the photovoltaic performance of BT-TPA chromophore based solution-processed solar cells through molecular design incorporating of bithiophene unit and fluorine-substitution. <i>Dyes and Pigments</i> , 2015, 118, 37-44.	3.7	22
20	Evans's Showell-type polyoxometalate constructing novel 3D inorganic architectures with alkaline earth metal linkers: syntheses, structures and catalytic properties. <i>Dalton Transactions</i> , 2017, 46, 8439-8450.	3.3	17
21	Linkage effect of push-pull-structure organic small molecules for photovoltaic application. <i>Science China Materials</i> , 2016, 59, 371-388.	6.3	16
22	Design and structural modification of narrow-bandgap small molecules based on asymmetric porphyrin-diketopyrrolopyrrole backbone for solution-processed organic solar cells. <i>Dyes and Pigments</i> , 2020, 176, 108211.	3.7	14
23	A POM-based porous supramolecular framework for efficient sulfide-sulfoxide transformations with a low molar O/S ratio. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3282-3294.	6.0	14
24	Efficient design and structural modifications for tuning the photoelectric properties of small-molecule acceptors in organic solar cells. <i>New Journal of Chemistry</i> , 2019, 43, 6577-6586.	2.8	13
25	Strategy for Achieving Long-Wavelength Near-Infrared Luminescence of Diimineplatinum(II) Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 3773-3780.	4.0	13
26	Novel A-D-A-type BODIPY dyads as small-molecule donors for solution-processed organic solar cells. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3248-3258.	5.5	12
27	Synthesis of Subnanometer-Sized Gold Clusters by a Simple Milling-Mediated Solid Reduction Method. <i>Chinese Journal of Chemistry</i> , 2018, 36, 329-332.	4.9	10
28	Efficient small molecule photovoltaic donor based on 2,3-diphenyl-substituted quinoxaline core for solution-processed organic solar cells. <i>RSC Advances</i> , 2017, 7, 23779-23786.	3.6	9
29	Narrow band gap isoindigo-based small molecules for solution-processed organic solar cells with high open-circuit voltage. <i>Synthetic Metals</i> , 2016, 220, 448-454.	3.9	6
30	Structure-Reactivity Relationship in ES Models of Co(II)-Containing Quercetin 2,4-Dioxygenase. <i>ChemistrySelect</i> , 2019, 4, 13974-13982.	1.5	5
31	Effective structural modifications enabled by end-capped effects based on fluorene-core donor, with high open-circuit voltage in organic photovoltaic devices. <i>Dyes and Pigments</i> , 2020, 183, 108709.	3.7	5
32	3,5-Anthryl-Bodipy dyad/triad: Preparation, effect of F-B-F induced conformation restriction on the photophysical properties, and application in triplet-triplet-annihilation upconversion. <i>Journal of Chemical Physics</i> , 2020, 153, 224304.	3.0	5
33	D-type asymmetric small molecules based on triphenylamine-diketopyrrolopyrrole/5,6-difluoro-2,1,3-benzothiadiazole backbone for organic photovoltaic materials. <i>New Journal of Chemistry</i> , 2020, 44, 13319-13329.	2.8	4
34	extended small-molecule photovoltaic donor based on fluorene-diketopyrrolopyrrole with an end-group fluorination effect. <i>Materials Advances</i> , 2022, 3, 6496-6505.	5.4	4
35	Diemissive dye@CP composites with full-spectrum tunable mechanoluminescence. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15165-15174.	5.5	3
36	Novel Small Four-armed Molecules with Triphenylamine-bridged Structure for Organic Solar Cells Featuring High Open-circuit Voltage. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 1032-1039.	2.6	2