

Yan-Qin Li

List of Publications by Year in descending order

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36
papers

1,196
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394421

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Novel A- π -D- π -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 |
| 2 | A POM-based porous supramolecular framework for efficient sulfide \rightarrow sulfoxide transformations with a low molar O/S ratio. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3282-3294. | 6.0 | 14 |
| 3 | A π -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 |
| 4 | Diemissive dye@CP composites with full-spectrum tunable mechanoluminescence. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15165-15174. | 5.5 | 3 |
| 5 | Strategy for Achieving Long-Wavelength Near-Infrared Luminescence of Diimineplatinum(II) Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 3773-3780. | 4.0 | 13 |
| 6 | Two Polymorphic Polyoxometalate-Based Metal \rightarrow 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 |
| 7 | 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 |
| 8 | D π -A π -A π -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 |
| 9 | 3,5-Anthryl \rightarrow Bodipy dyad/triad: Preparation, effect of F \rightarrow B \rightarrow F induced conformation restriction on the photophysical properties, and application in triplet \rightarrow triplet-annihilation upconversion. <i>Journal of Chemical Physics</i> , 2020, 153, 224304. | 3.0 | 5 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Structure \rightarrow Reactivity Relationship in ES Models of Co(II) \rightarrow Containing Quercetin 2,4 \rightarrow Dioxygenase. <i>ChemistrySelect</i> , 2019, 4, 13974-13982. | 1.5 | 5 |
| 16 | A trichromatic MOF composite for multidimensional ratiometric luminescent sensing. <i>Chemical Science</i> , 2018, 9, 2918-2926. | 7.4 | 96 |
| 17 | Synthesis of Subnanometer \rightarrow Sized Gold Clusters by a Simple Milling \rightarrow Mediated Solid Reduction Method. <i>Chinese Journal of Chemistry</i> , 2018, 36, 329-332. | 4.9 | 10 |
| 18 | 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 |

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|----|---|------|-----------|
| 19 | 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 |
| 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 | 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 |
| 22 | 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 |
| 23 | 1-D Platinum Wire-Stacking Structure Built of Platinum(II) Diimine Bis(1f-acetylide) Units with Luminescence in the NIR Region. <i>Inorganic Chemistry</i> , 2016, 55, 10208-10217. | 4.0 | 41 |
| 24 | 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 |
| 25 | π-Linkage effect of push-pull-structure organic small molecules for photovoltaic application. <i>Science China Materials</i> , 2016, 59, 371-388. | 6.3 | 16 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | Iridium-catalyzed asymmetric hydrogenation of dibenzo[b,f][1,4]thiazepines. <i>Pure and Applied Chemistry</i> , 2013, 85, 843-849. | 1.9 | 23 |
| 35 | 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 |
| 36 | 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 |