# Yuancheng Qin

List of Publications by Year
in descending order

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| 32 | 470 | 933447 10 | 713466 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 32 | 32 | 32 | 607 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Degradation of 4-nitrophenol by electrocatalysis and advanced oxidation processes using Co3O4@C anode coupled with simultaneous CO2 reduction via SnO2/CC cathode. Chinese Chemical Letters, 2020, 31, 1961-1965. | 9.0 | 118 |
| 2 | Top-down Strategy toward Versatile Graphene Quantum Dots for Organic/Inorganic Hybrid Solar Cells. ACS Sustainable Chemistry and Engineering, 2015, 3, 637-644. | 6.7 | 75 |
| 3 | Nd<sub>2</sub>(S, Se, Te)<sub>3</sub> Colloidal Quantum Dots: Synthesis, Energy Level Alignment, Charge Transfer Dynamics, and Their Applications to Solar Cells. Advanced Functional Materials, 2016, 26, 254-266. | 14.9 | 53 |
| 4 | Efficient Capture of Volatile Iodine by Thiophene-Containing Porous Organic Polymers. ACS Applied Polymer Materials, 2020, 2, 5121-5128. | 4.4 | 36 |
| 5 | Synthesis, characterization of chiral poly(ferrocenyl-schiff base) iron(II) complexes/RGO composites with enhanced microwave absorption properties. Polymer, 2018, 150, 301-310. | 3.8 | 24 |
| 6 | Detection and Removal of Mercury Ions in Water by a Covalent Organic Framework Rich in Sulfur and Nitrogen. ACS Applied Polymer Materials, 2022, 4, 849-858. | 4.4 | 22 |
| 7 | Highly flattened donor-acceptor polymers based on fluoride-substituent acceptors for efficient heterojunction solar cells. Solar Energy, 2018, 166, 450-457. | 6.1 | 20 |
| 8 | Novel D-A type dyes based on BODIPY for solution processed organic polymer solar cells. Dyes and Pigments, 2019, 162, 671-679. | 3.7 | 15 |
| 9 | Halogenated benzothiadiazole-based conjugated polymers as efficient photocatalysts for dye degradation and oxidative coupling of benzylamines. Chinese Chemical Letters, 2022, 33, 2736-2740. | 9.0 | 11 |
| 10 | Tuning the performance of the non-fullerene organic solar cells by the polarizability. RSC Advances, 2018, 8, 3809-3815. | 3.6 | 10 |
| 11 | Efficient heterojunction solar cells based on the synergy between planarity and dipole moment in fluorinated-thienothiophenes-based donor-acceptor polymers. Synthetic Metals, 2018, 245, 42-50. | 3.9 | 9 |
| 12 | Fluorination effects of A-D-A small molecule donors based benzotriazole for organic solar cells. Synthetic Metals, 2019, 251, 95-103. | 3.9 | 9 |
| 13 | Small bandgap naphthalene diimide copolymers for efficient inorganicâ€“organic hybrid solar cells. RSC Advances, 2015, 5, 2147-2154. | 3.6 | 8 |
| 14 | Effective design of A-D-A small molecules for high performance organic solar cells via F atom substitution and thiophene bridge. Chinese Chemical Letters, 2019, 30, 2263-2265. | 9.0 | 8 |
| 15 | Water/Alcohol Soluble Thickness-Insensitive Hyperbranched Perylene Diimide Electron Transport Layer Improving the Efficiency of Organic Solar Cells. Polymers, 2019, 11, 655. | 4.5 | 8 |
| 16 | Electron transport layer-free polymer solar cells show 40% higher efficiency than using ZnO transparent cathode. Journal of Materials Science: Materials in Electronics, 2018, 29, 11296-11305. | 2.2 | 5 |
| 17 | Emission layer of F4TCNQ-Doped nanorods for high-efficient red light-emitting diodes. Organic Electronics, 2020, 76, 105460. | 2.6 | 5 |
| 18 | Chlorination and thiophene strategies to adjust molecular energy levels for high-performance organic polymer solar cells. Synthetic Metals, 2020, 268, 116509. | 3.9 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Novel benzo(1,2-b:4,5-bâ€™)dithiophene-based donorâ€“acceptor conjugated polymes for polymer solar cells. Journal of Materials Science: Materials in Electronics, 2016, 27, 9920-9928. | 2.2 | 4 |
| 20 | Tuning the morphology of the active layer of organic solar cells by spin 1/2 radicals. New Journal of Chemistry, 2019, 43, 13998-14008. | 2.8 | 4 |
| 21 | Simple synthesis regarding novel bianchored metal free organic dyes based on indole for dye sensitized solar cells. Journal of Materials Science: Materials in Electronics, 2016, 27, 3974-3981. | 2.2 | 3 |
| 22 | Hyperbranched small-molecule electrolyte as cathode interfacial layers for improving the efficiency of organic photovoltaics. Journal of Materials Science, 2018, 53, 7715-7724. | 3.7 | 3 |
| 23 | Diblock conjugated polyelectrolyte electron transport layer modulating the morphology of the active layer for efficient nonfullerene organic solar cells. Journal of Materials Science: Materials in Electronics, 2018, 29, 18458-18464. | 2.2 | 3 |
| 24 | Effect of chlorination and fluorination of benzothiadiazole on the performance of polymer solar cells. Journal of Applied Polymer Science, 2020, 137, 49006. | 2.6 | 3 |
| 25 | Tuning the fluorescence lifetime of donor polymers containing different proportion of electron withdrawing groups inhybrid solar cells. Synthetic Metals, 2016, 221, 19-24. | 3.9 | 2 |
| 26 | Thieno[3,4-b]pyrazine and 9,9-di-n-octylfluorene based copolymer for efficient inorganic-organic hybrid solar cells. Inorganic and Nano-Metal Chemistry, 2017, 47, 60-64. | 1.6 | 2 |
| 27 | Side chain triphenylamine-based conjugated polymers for the preparation of efficient heterojunction solar cells. Journal of Materials Science: Materials in Electronics, 2019, 30, 2235-2245. | 2.2 | 2 |
| 28 | Optimizing F content of donor units by ternary copolymerization for effective heterojunction solar cells. Synthetic Metals, 2018, 246, 178-184. | 3.9 | 1 |
| 29 | Effective design of novel low band gap acceptors for non-fullerene solar cells via modulating molecular planarity and F atom substitution. Materials Letters, 2020, 258, 126785. | 2.6 | 1 |
| 30 | Effects of Thiophene and Benzene Ring Accumulation on the Photocatalytic Performance of Polymers. ACS Omega, 2020, 5, 22674-22681. | 3.5 | 1 |
| 31 | Study on the influence of the introduction of the thiophene group on the photocatalytic performance of polymer. High Performance Polymers, 2021, 33, 623-634. | 1.8 | 0 |
| 32 | Exploring the Effect of the Number of Characteristic Groups in Melaminebased Polymers on the Photocatalytic Performance. Current Chinese Science, 2020, 1, 141-150. | 0.5 | 0 |