

Christoph Ulbricht

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,342
citations

840776

11
h-index

677142

22
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25
all docs

25
docs citations

25
times ranked

3065
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Ultrathin, highly flexible and stretchable PLEDs. <i>Nature Photonics</i> , 2013, 7, 811-816. | 31.4 | 832 |
| 2 | Optical and electronic properties of mixed halide (X = I, Cl, Br) methylammonium lead perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1714-1723. | 5.5 | 120 |
| 3 | Confining metal-halide perovskites in nanoporous thin films. <i>Science Advances</i> , 2017, 3, e1700738. | 10.3 | 103 |
| 4 | Effect of Side Chain Length Variation on the Optical Properties of PPE-PPV Hybrid Polymers. <i>Chemistry of Materials</i> , 2008, 20, 2727-2735. | 6.7 | 59 |
| 5 | Odd-Even Effects and the Influence of Length and Specific Positioning of Alkoxy Side Chains on the Optical Properties of PPE-PPV Polymers. <i>Chemistry of Materials</i> , 2005, 17, 6022-6032. | 6.7 | 49 |
| 6 | Charge carrier mobility, photovoltaic, and electroluminescent properties of anthracene-based conjugated polymers bearing randomly distributed side chains. <i>Journal of Polymer Science Part A</i> , 2012, 50, 3425-3436. | 2.3 | 23 |
| 7 | Polymer BHJ solar cell performance tuning by C ₆₀ fullerene derivative alkyl side chain length. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 1562-1566. | 2.1 | 20 |
| 8 | Inverted (p-i-n) perovskite solar cells using a low temperature processed TiO _x interlayer. <i>RSC Advances</i> , 2018, 8, 24836-24846. | 3.6 | 17 |
| 9 | Reversible Speed Regulation of Self-Propelled Janus Micromotors via Thermoresponsive Bottle-Brush Polymers. <i>Chemistry - A European Journal</i> , 2021, 27, 3262-3267. | 3.3 | 15 |
| 10 | Synthesis and Photophysical and Electroluminescent Properties of Poly(1,4-phenylene-ethynylene)- <i>alt</i> -poly(1,4-phenylene-vinylene)s with Various Dissymmetric Substitution of Alkoxy Side Chains. <i>Macromolecules</i> , 2016, 49, 455-464. | 4.8 | 14 |
| 11 | Poly[(arylene ethynylene)- <i>alt</i> -(arylene vinylene)]s Based on Anthanthrone and Its Derivatives: Synthesis and Photophysical, Electrochemical, Electroluminescent, and Photovoltaic Properties. <i>Macromolecules</i> , 2017, 50, 8357-8371. | 4.8 | 14 |
| 12 | Tuning the properties of an anthracene-based PPE-PPV copolymer by fine variation of its macromolecular parameters. <i>RSC Advances</i> , 2013, 3, 6972. | 3.6 | 9 |
| 13 | Anthracene-containing conjugated polymer showing four optical transitions upon doping: A spectroscopic study. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 338-346. | 2.1 | 9 |
| 14 | New electroluminescent carbazole-containing conjugated polymer: Synthesis, photophysics, and electroluminescence. <i>Polymer</i> , 2014, 55, 6220-6226. | 3.8 | 9 |
| 15 | Polymers with alternating anthracene and phenylene building blocks linked by ethynylene and/or vinylene units: Studying structure-properties-relationships. <i>Journal of Polymer Science Part A</i> , 2017, 55, 129-143. | 2.3 | 9 |
| 16 | Improving the Performance of Perovskite Solar Cells using a Polyphosphazene Interfacing Layer. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1900436. | 1.8 | 9 |
| 17 | Mesoporous Silica Micromotors with a Reversible Temperature Regulated On-Off Polyphosphazene Switch. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1900328. | 3.9 | 9 |
| 18 | Improvement in photovoltaic performance of anthracene-containing PPE-PPV polymer-based bulk heterojunction solar cells with silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1. | 1.9 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Controlling donor crystallinity and phase separation in bulk heterojunction solar cells by the introduction of orthogonal solvent additives. MRS Advances, 2018, 3, 1891-1900. | 0.9 | 5 |
| 20 | Effect of Side Chains on Charge Transport of Anthracene-Based PPE-PPV Copolymers. Macromolecular Chemistry and Physics, 2014, 215, 452-457. | 2.2 | 4 |
| 21 | Effect of Varying Thiophene Units on Charge Transport and Photovoltaic Properties of Poly(phenylene) Tj ETQq1 1 0.784314 rgBT /C 215, 1473-1484. | 2.2 | 3 |
| 22 | Defining side chain successions in anthracene-based poly(arylene ethynylene)-alt-poly(phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 3.9 | 2 |
| 23 | Reversible Speed Regulation of Self-Propelled Janus Micromotors via Thermoresponsive Bottle-Brush Polymers. Chemistry - A European Journal, 2021, 27, 3192-3192. | 3.3 | 0 |
| 24 | Influence of Sidechain Elongation on Photovoltaic Response of Sidechain-Based Statistical Anthracene-Containing Copolymer. E3S Web of Conferences, 2022, 354, 03003. | 0.5 | 0 |