

Christoph Ulbricht

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

1,342
citations

840776

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677142

22
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docs citations

25
times ranked

3065
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Sidechain Elongation on Photovoltaic Response of Sidechain-Based Statistical Anthracene-Containing Copolymer. E3S Web of Conferences, 2022, 354, 03003.	0.5	0
2	Reversible Speed Regulation of Self-Propelled Janus Micromotors via Thermoresponsive Bottle-Brush Polymers. Chemistry - A European Journal, 2021, 27, 3262-3267.	3.3	15
3	Reversible Speed Regulation of Self-Propelled Janus Micromotors via Thermoresponsive Bottle-Brush Polymers. Chemistry - A European Journal, 2021, 27, 3192-3192.	3.3	0
4	Improving the Performance of Perovskite Solar Cells using a Polyphosphazene Interfacing Layer. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900436.	1.8	9
5	Mesoporous Silica Micromotors with a Reversible Temperature Regulated On-Off Polyphosphazene Switch. Macromolecular Rapid Communications, 2019, 40, 1900328.	3.9	9
6	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
7	Inverted (p-i-n) perovskite solar cells using a low temperature processed TiO _x interlayer. RSC Advances, 2018, 8, 24836-24846.	3.6	17
8	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
9	Optical and electronic properties of mixed halide (X = I, Cl, Br) methylammonium lead perovskite solar cells. Journal of Materials Chemistry C, 2017, 5, 1714-1723.	5.5	120
10	Confining metal-halide perovskites in nanoporous thin films. Science Advances, 2017, 3, e1700738.	10.3	103
11	Poly[(arylene ethynylene)- <i>alt</i> -(arylene vinylene)]s Based on Anthanthrone and Its Derivatives: Synthesis and Photophysical, Electrochemical, Electroluminescent, and Photovoltaic Properties. Macromolecules, 2017, 50, 8357-8371.	4.8	14
12	Polymers with alternating anthracene and phenylene building blocks linked by ethynylene and/or vinylene units: Studying structure-properties-relationships. Journal of Polymer Science Part A, 2017, 55, 129-143.	2.3	9
13	Synthesis and Photophysical and Electroluminescent Properties of Poly(1,4-phenylene- <i>ethynylene</i> - <i>alt</i> -poly(1,4-phenylene- <i>vinylene</i>)s with Various Dissymmetric Substitution of Alkoxy Side Chains. Macromolecules, 2016, 49, 455-464.	4.8	14
14	Effect of Side Chains on Charge Transport of Anthracene-Based PPE-PPV Copolymers. Macromolecular Chemistry and Physics, 2014, 215, 452-457.	2.2	4
15	Improvement in photovoltaic performance of anthracene-containing PPE-PPV polymer-based bulk heterojunction solar cells with silver nanoparticles. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	8
16	Anthracene-containing conjugated polymer showing four optical transitions upon doping: A spectroscopic study. Journal of Polymer Science, Part B: Polymer Physics, 2014, 52, 338-346.	2.1	9
17	New electroluminescent carbazole-containing conjugated polymer: Synthesis, photophysics, and electroluminescence. Polymer, 2014, 55, 6220-6226.	3.8	9
18	Effect of Varying Thiophene Units on Charge Transport and Photovoltaic Properties of Poly(phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	3

#	ARTICLE	IF	CITATIONS
19	Ultrathin, highly flexible and stretchable PLEDs. <i>Nature Photonics</i> , 2013, 7, 811-816.	31.4	832
20	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
21	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
22	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
23	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
24	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