Bernhard DÃ¶rling

List of Publications by Year
in descending order

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19	1,126	840776	794594
papers	citations	11 h-index	19 g-index

20	20	20	2157
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design Rules for Polymer Blends with High Thermoelectric Performance. Advanced Energy Materials, 2022, 12, .	19.5	13
2	Identifying structureâ€“absorption relationships and predicting absorption strength of non-fullerene acceptors for organic photovoltaics. Energy and Environmental Science, 2022, 15, 2958-2973.	30.8	22
3	Comparing different geometries for photovoltaic-thermoelectric hybrid devices based on organics. Journal of Materials Chemistry C, 2021, 9, 2123-2132.	5.5	7
4	Soluble alkali-metal carbon nanotube salts for n-type thermoelectric composites with improved stability. Applied Physics Letters, 2021, 118, .	3.3	11
5	Study of nanostructured ultra-refractory Tantalum-Hafnium-Carbide electrodes with wide electrochemical stability window. Chemical Engineering Journal, 2021, 415, 128987.	12.7	4
6	Closing the Stabilityâ€“Performance Gap in Organic Thermoelectrics by Adjusting the Partial to Integer Charge Transfer Ratio. Macromolecules, 2020, 53, 609-620.	4.8	42
7	Hydroxypropyl Cellulose Adhesives for Transfer Printing of Carbon Nanotubes and Metallic Nanostructures. Small, 2020, 16, e2004795.	10.0	8
8	A setup to measure the Seebeck coefficient and electrical conductivity of anisotropic thin-films on a single sample. Review of Scientific Instruments, 2020, 91, 105111.	1.3	9
9	Investigating Thermoelectric Stability under Encapsulation Using PEIâ€Doped CNT Films as a Model System. Advanced Materials Technologies, 2020, 5, 2000256.	5.8	7
10	Solar Harvesting: a Unique Opportunity for Organic Thermoelectrics?. Advanced Energy Materials, 2019, 9, 1902385.	19.5	25
11	Farming thermoelectric paper. Energy and Environmental Science, 2019, 12, 716-726.	30.8	66
12	Thermoelectrics: From history, a window to the future. Materials Science and Engineering Reports, 2019, 138, 100501.	31.8	341
13	Exploring different doping mechanisms in thermoelectric polymer/carbon nanotube composites. Synthetic Metals, 2017, 225, 70-75.	3.9	32
14	Controlled Pinning of Conjugated Polymer Spherulites and Its Application in Detectors. Advanced Optical Materials, 2017, 5, 1700276.	7.3	12
15	Exploring the origin of high optical absorption in conjugated polymers. Nature Materials, 2016, 15, 746-753.	27.5	314
16	Photoinduced pâ€•to nâ€type Switching in Thermoelectric Polymerâ€Carbon Nanotube Composites. Advanced Materials, 2016, 28, 2782-2789.	21.0	89
17	Investigating the effect of solvent boiling temperature on the active layer morphology of diffusive bilayer solar cells. Applied Physics Express, 2016, 9, 012301.	2.4	13
18	Uniaxial macroscopic alignment of conjugated polymer systems by directional crystallization during blade coating. Journal of Materials Chemistry C, 2014, 2, 3303-3310.	5.5	39

#	Article	IF	Citations
19	Interplay between Fullerene Surface Coverage and Contact Selectivity of Cathode Interfaces in Organic Solar Cells. ACS Nano, 2013, 7, 4637-4646.	14.6	72