

Bernhard DÄ¶rling

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,126
citations

840776

11
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

2157
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoelectrics: From history, a window to the future. <i>Materials Science and Engineering Reports</i> , 2019, 138, 100501.	31.8	341
2	Exploring the origin of high optical absorption in conjugated polymers. <i>Nature Materials</i> , 2016, 15, 746-753.	27.5	314
3	Photoinduced p-to n-type Switching in Thermoelectric Polymer-Carbon Nanotube Composites. <i>Advanced Materials</i> , 2016, 28, 2782-2789.	21.0	89
4	Interplay between Fullerene Surface Coverage and Contact Selectivity of Cathode Interfaces in Organic Solar Cells. <i>ACS Nano</i> , 2013, 7, 4637-4646.	14.6	72
5	Farming thermoelectric paper. <i>Energy and Environmental Science</i> , 2019, 12, 716-726.	30.8	66
6	Closing the Stability-Performance Gap in Organic Thermoelectrics by Adjusting the Partial to Integer Charge Transfer Ratio. <i>Macromolecules</i> , 2020, 53, 609-620.	4.8	42
7	Uniaxial macroscopic alignment of conjugated polymer systems by directional crystallization during blade coating. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3303-3310.	5.5	39
8	Exploring different doping mechanisms in thermoelectric polymer/carbon nanotube composites. <i>Synthetic Metals</i> , 2017, 225, 70-75.	3.9	32
9	Solar Harvesting: a Unique Opportunity for Organic Thermoelectrics?. <i>Advanced Energy Materials</i> , 2019, 9, 1902385.	19.5	25
10	Identifying structure-absorption relationships and predicting absorption strength of non-fullerene acceptors for organic photovoltaics. <i>Energy and Environmental Science</i> , 2022, 15, 2958-2973.	30.8	22
11	Investigating the effect of solvent boiling temperature on the active layer morphology of diffusive bilayer solar cells. <i>Applied Physics Express</i> , 2016, 9, 012301.	2.4	13
12	Design Rules for Polymer Blends with High Thermoelectric Performance. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	13
13	Controlled Pinning of Conjugated Polymer Spherulites and Its Application in Detectors. <i>Advanced Optical Materials</i> , 2017, 5, 1700276.	7.3	12
14	Soluble alkali-metal carbon nanotube salts for n-type thermoelectric composites with improved stability. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	11
15	A setup to measure the Seebeck coefficient and electrical conductivity of anisotropic thin-films on a single sample. <i>Review of Scientific Instruments</i> , 2020, 91, 105111.	1.3	9
16	Hydroxypropyl Cellulose Adhesives for Transfer Printing of Carbon Nanotubes and Metallic Nanostructures. <i>Small</i> , 2020, 16, e2004795.	10.0	8
17	Investigating Thermoelectric Stability under Encapsulation Using PEI-Doped CNT Films as a Model System. <i>Advanced Materials Technologies</i> , 2020, 5, 2000256.	5.8	7
18	Comparing different geometries for photovoltaic-thermoelectric hybrid devices based on organics. <i>Journal of Materials Chemistry C</i> , 2021, 9, 2123-2132.	5.5	7

#	ARTICLE	IF	CITATIONS
19	Study of nanostructured ultra-refractory Tantalum-Hafnium-Carbide electrodes with wide electrochemical stability window. Chemical Engineering Journal, 2021, 415, 128987.	12.7	4