Anna I Hofmann

List of Publications by Year
in descending order

20	1,454	567281 15	839539 18
papers	citations	h-index	g-index

20	20	20	2187
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermo-optical performance of molecular solar thermal energy storage films. Applied Energy, 2022, 310, 118541.	10.1	11
2	Toughening of a Soft Polar Polythiophene through Copolymerization with Hard Urethane Segments. Advanced Science, 2021, 8, 2002778.	11.2	18
3	Click chemistryâ€type crosslinking of a lowâ€conductivity polyethylene copolymer ternary blend for power cable insulation. Polymer International, 2020, 69, 404-412.	3.1	16
4	High Thermoelectric Power Factor of Poly(3-hexylthiophene) through In-Plane Alignment and Doping with a Molybdenum Dithiolene Complex. Macromolecules, 2020, 53, 6314-6321.	4.8	39
5	Chemical Doping of Conjugated Polymers with the Strong Oxidant Magic Blue. Advanced Electronic Materials, 2020, 6, 2000249.	5.1	46
6	Robust PEDOT:PSS Wetâ€Spun Fibers for Thermoelectric Textiles. Macromolecular Materials and Engineering, 2020, 305, 1900749.	3.6	68
7	All-Polymer Conducting Fibers and 3D Prints via Melt Processing and Templated Polymerization. ACS Applied Materials & Interfaces, 2020, 12, 8713-8721.	8.0	37
8	Diffusion-Limited Crystallization: A Rationale for the Thermal Stability of Non-Fullerene Solar Cells. ACS Applied Materials & Interfaces, 2019, 11, 21766-21774.	8.0	82
9	Solar Energy Storage by Molecular Norbornadieneâ€“Quadricyclane Photoswitches: Polymer Film Devices. Advanced Science, 2019, 6, 1900367.	11.2	45
10	Doping and processing of organic semiconductors for plastic thermoelectrics. , 2019, , 429-449.		10
11	Thermally Activated in Situ Doping Enables Solid-State Processing of Conducting Polymers. Chemistry of Materials, 2019, 31, 2770-2777.	6.7	15
12	Double doping of conjugated polymers with monomer molecular dopants. Nature Materials, 2019, 18, 149-155.	27.5	225
13	Thermoelectrics: From history, a window to the future. Materials Science and Engineering Reports, 2019, 138, 100501.	31.8	341
14	Enhanced n-Doping Efficiency of a Naphthalenediimide-Based Copolymer through Polar Side Chains for Organic Thermoelectrics. ACS Energy Letters, 2018, 3, 278-285.	17.4	220
15	Highly stable doping of a polar polythiophene through co-processing with sulfonic acids and bistriflimide. Journal of Materials Chemistry C, 2018, 6, 6905-6910.	5.5	44
16	All-Organic Textile Thermoelectrics with Carbon-Nanotube-Coated n-Type Yarns. ACS Applied Energy Materials, 2018, 1, 2934-2941.	5.1	75
17	How To Choose Polyelectrolytes for Aqueous Dispersions of Conducting PEDOT Complexes. Macromolecules, 2017, 50, 1959-1969.	4.8	45
18	Organic electrochemical transistors based on PEDOT with different anionic polyelectrolyte dopants. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 147-151.	2.1	63

#	Article	IF	Citations
19	An Alternative Anionic Polyelectrolyte for Aqueous PEDOT Dispersions: Toward Printable Transparent Electrodes. Angewandte Chemie - International Edition, 2015, 54, 8506-8510.	13.8	44
20	Delocalization Enhances Conductivity at High Doping Concentrations. Advanced Functional Materials, 0, , 2112262.	14.9	10