

Anna I Hofmann

List of Publications by Year in descending order

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20
papers

1,454
citations

567281

15
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

2187
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	Double doping of conjugated polymers with monomer molecular dopants. <i>Nature Materials</i> , 2019, 18, 149-155.	27.5	225
3	Enhanced n-Doping Efficiency of a Naphthalenediimide-Based Copolymer through Polar Side Chains for Organic Thermoelectrics. <i>ACS Energy Letters</i> , 2018, 3, 278-285.	17.4	220
4	Diffusion-Limited Crystallization: A Rationale for the Thermal Stability of Non-Fullerene Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 21766-21774.	8.0	82
5	All-Organic Textile Thermoelectrics with Carbon-Nanotube-Coated n-Type Yarns. <i>ACS Applied Energy Materials</i> , 2018, 1, 2934-2941.	5.1	75
6	Robust PEDOT:PSS Wet-Spun Fibers for Thermoelectric Textiles. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 1900749.	3.6	68
7	Organic electrochemical transistors based on PEDOT with different anionic polyelectrolyte dopants. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 147-151.	2.1	63
8	Chemical Doping of Conjugated Polymers with the Strong Oxidant Magic Blue. <i>Advanced Electronic Materials</i> , 2020, 6, 2000249.	5.1	46
9	How To Choose Polyelectrolytes for Aqueous Dispersions of Conducting PEDOT Complexes. <i>Macromolecules</i> , 2017, 50, 1959-1969.	4.8	45
10	Solar Energy Storage by Molecular Norbornadiene-Quadracyclane Photoswitches: Polymer Film Devices. <i>Advanced Science</i> , 2019, 6, 1900367.	11.2	45
11	An Alternative Anionic Polyelectrolyte for Aqueous PEDOT Dispersions: Toward Printable Transparent Electrodes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8506-8510.	13.8	44
12	Highly stable doping of a polar polythiophene through co-processing with sulfonic acids and bistriflimide. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6905-6910.	5.5	44
13	High Thermoelectric Power Factor of Poly(3-hexylthiophene) through In-Plane Alignment and Doping with a Molybdenum Dithiolene Complex. <i>Macromolecules</i> , 2020, 53, 6314-6321.	4.8	39
14	All-Polymer Conducting Fibers and 3D Prints via Melt Processing and Templated Polymerization. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8713-8721.	8.0	37
15	Toughening of a Soft Polar Polythiophene through Copolymerization with Hard Urethane Segments. <i>Advanced Science</i> , 2021, 8, 2002778.	11.2	18
16	Click chemistry-type crosslinking of a low-conductivity polyethylene copolymer ternary blend for power cable insulation. <i>Polymer International</i> , 2020, 69, 404-412.	3.1	16
17	Thermally Activated in Situ Doping Enables Solid-State Processing of Conducting Polymers. <i>Chemistry of Materials</i> , 2019, 31, 2770-2777.	6.7	15
18	Thermo-optical performance of molecular solar thermal energy storage films. <i>Applied Energy</i> , 2022, 310, 118541.	10.1	11

#	ARTICLE	IF	CITATIONS
19	Doping and processing of organic semiconductors for plastic thermoelectrics. , 2019, , 429-449.		10
20	Delocalization Enhances Conductivity at High Doping Concentrations. Advanced Functional Materials, 0, , 2112262.	14.9	10