

Jonna Hynynen

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,180
citations

933447

10
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

1647
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoelectric plastics: from design to synthesis, processing and structure-property relationships. <i>Chemical Society Reviews</i> , 2016, 45, 6147-6164.	38.1	458
2	Double doping of conjugated polymers with monomer molecular dopants. <i>Nature Materials</i> , 2019, 18, 149-155.	27.5	225
3	Enhanced Electrical Conductivity of Molecularly p-Doped Poly(3-hexylthiophene) through Understanding the Correlation with Solid-State Order. <i>Macromolecules</i> , 2017, 50, 8140-8148.	4.8	135
4	Influence of crystallinity on the thermoelectric power factor of P3HT vapour-doped with F4TCNQ. <i>RSC Advances</i> , 2018, 8, 1593-1599.	3.6	74
5	Highly Insulating Polyethylene Blends for High-Voltage Direct-Current Power Cables. <i>ACS Macro Letters</i> , 2017, 6, 78-82.	4.8	68
6	Enhanced Thermoelectric Power Factor of Tensile Drawn Poly(3-hexylthiophene). <i>ACS Macro Letters</i> , 2019, 8, 70-76.	4.8	56
7	UV-to-IR Absorption of Molecularly p-Doped Polythiophenes with Alkyl and Oligoether Side Chains: Experiment and Interpretation Based on Density Functional Theory. <i>Journal of Physical Chemistry B</i> , 2020, 124, 11280-11293.	2.6	45
8	Bulk Doping of Millimeter-Thick Conjugated Polymer Foams for Plastic Thermoelectrics. <i>Advanced Functional Materials</i> , 2017, 27, 1704183.	14.9	40
9	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
10	Additive-like amounts of HDPE prevent creep of molten LDPE: Phase behavior and thermo-mechanical properties of a melt-miscible blend. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 146-156.	2.1	24
11	Lignin and extractives first-time conversion of lignocellulosic residual streams using UV light from LEDs. <i>Green Chemistry</i> , 2021, 23, 8251-8259.	9.0	10
12	Invariant dielectric strength upon addition of low amounts of HDPE to LDPE. , 2016, , .		6