

Harikrishna Erothu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

375
citations

1040056

9
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

667
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(3-hexylthiophene) Based Block Copolymers Prepared by "Click" Chemistry. <i>Macromolecules</i> , 2008, 41, 7033-7040.	4.8	134
2	Synthesis, Thermal Processing, and Thin Film Morphology of Poly(3-hexylthiophene)-Poly(styrenesulfonate) Block Copolymers. <i>Macromolecules</i> , 2015, 48, 2107-2117.	4.8	46
3	Novel solid polymer electrolyte based on PMMA:CH ₃ COOLi effect of salt concentration on optical and conductivity studies. <i>Polymer Bulletin</i> , 2019, 76, 5463-5481.	3.3	32
4	Development of bio-degradable based polymer electrolytes for EDLC application. <i>Optik</i> , 2021, 241, 166229.	2.9	31
5	Bile-Salt-Induced Aggregation of Poly(<i>N</i> -isopropylacrylamide) and Lowering of the Lower Critical Solution Temperature in Aqueous Solutions. <i>Journal of Physical Chemistry B</i> , 2011, 115, 433-439.	2.6	26
6	Fullerene-capped copolymers for bulk heterojunctions: device stability and efficiency improvements. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18207-18221.	10.3	26
7	Facile synthesis of poly(3-hexylthiophene)-block-poly(ethylene oxide) copolymers via Steglich esterification. <i>Polymer Chemistry</i> , 2013, 4, 3652.	3.9	23
8	Managing Local Order in Conjugated Polymer Blends via Polarity Contrast. <i>Chemistry of Materials</i> , 2019, 31, 6540-6547.	6.7	20
9	Main-chain poly(fullerene) multiblock copolymers as organic photovoltaic donor-acceptors and stabilizers. <i>Journal of Materials Chemistry A</i> , 2017, 5, 7533-7544.	10.3	12
10	One-Pot Three-Component Synthesis of β -Aminoalkyl Indoles Catalyzed by Molecular Iodine. <i>ChemistrySelect</i> , 2019, 4, 9722-9725.	1.5	7
11	Facile Synthesis and Proposed Mechanism of β -Oxetanyl-Telechelic Poly(3-nitratomethyl-3-methyl) Tj ETQq1 1 0.784314 rgBT /Ov Materials, 2017, 35, 109-124.	2.0	3
12	Design, synthesis, antibacterial evaluation and molecular docking studies of novel pyrazole/1,2,4-oxadiazole conjugate ester derivatives. <i>Medicinal Chemistry Research</i> , 2021, 30, 1087-1098.	2.4	2
13	Improved Performance and Stability of Organic Solar Cells by the Incorporation of a Block Copolymer Interfacial Layer. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000918.	3.7	1
14	Ionic Conductivity Studies of Biodegradable Polymer Electrolyte for Mg Ion Batteries. <i>Asian Journal of Chemistry</i> , 2022, 34, 1742-1748.	0.3	1
15	Electrochemical and AC Conductivity Studies of PVA based Gel Polymer Electrolytes for Silver Ion Batteries. <i>Asian Journal of Chemistry</i> , 2022, 34, 1303-1309.	0.3	0