

Thomas M Kraft

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

534
citations

933447

10
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

949
citing authors

#	ARTICLE	IF	CITATIONS
1	Inkjet-Printed Graphene/PEDOT:PSS Temperature Sensors on a Skin-Conformable Polyurethane Substrate. <i>Scientific Reports</i> , 2016, 6, 35289.	3.3	253
2	Organic solar cell materials and active layer designsâ€”improvements with carbon nanotubes: a review. <i>Polymer International</i> , 2012, 61, 342-354.	3.1	69
3	Flexible OPV modules for highly efficient indoor applications. <i>Flexible and Printed Electronics</i> , 2020, 5, 014008.	2.7	41
4	Architectural modifications for flexible supercapacitor performance optimization. <i>Electronic Materials Letters</i> , 2016, 12, 795-803.	2.2	35
5	Spirooxazine to Merooxazine Interconversion in the Presence and Absence of Zinc: Approach to a Bistable Photochemical Switch. <i>Journal of Physical Chemistry A</i> , 2010, 114, 11900-11909.	2.5	27
6	Polymerâ€”Assisted Singleâ€”Step Slotâ€”Die Coating of Flexible Perovskite Solar Cells at Mild Temperature from Dimethyl Sulfoxide. <i>ChemPlusChem</i> , 2021, 86, 1442-1450.	2.8	16
7	Printed and organic diodes: devices, circuits and applications. <i>Flexible and Printed Electronics</i> , 2017, 2, 033001.	2.7	14
8	Bending reliability of screen-printed vias for a flexible energy module. <i>Npj Flexible Electronics</i> , 2020, 4, .	10.7	13
9	The effect of chain length on the dielectric and optical properties of oligothiophenes. <i>Synthetic Metals</i> , 2011, 161, 1566-1574.	3.9	12
10	Linear free-energy correlation analysis of the electronic effects of the substituents in the Sonogashira coupling reaction. <i>Canadian Journal of Chemistry</i> , 2008, 86, 410-415.	1.1	10
11	Flexible inverted polymer solar cells with an indium-free tri-layer cathode. <i>Journal of Applied Physics</i> , 2014, 115, 033103.	2.5	10
12	Inkjet printed metallic micropillars for bare die flip-chip bonding. <i>Flexible and Printed Electronics</i> , 2017, 2, 045005.	2.7	10
13	Screen Printed Vias for a Flexible Energy Harvesting and Storage Module. , 2018, , .		8
14	Accuracy control for roll and sheet processed printed electronics on flexible plastic substrates. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 119, 6255-6273.	3.0	5
15	Lifetime and reliability of flexible aqueous supercapacitors: constant voltage floating and bending experiments. , 2018, , .		4
16	Defect Recognition of Roll-to-Roll Printed Conductors Using Dark Lock-in Thermography and Localized Segmentation. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2005.	2.5	4
17	High density R2R screen printed silver interconnections for hybrid system integration. , 2016, , .		2
18	Flexible Organic Photovoltaics with Starâ€”Shaped Nonfullerene Acceptors End Capped with Indene Malononitrile and Barbiturate Derivatives. <i>Energy Technology</i> , 0, , 2200264.	3.8	1