

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