

Marja K VÃlimÃki

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,138
citations

567281

15
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

2041
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	Potential of Commercial Wood-Based Materials as PCB Substrate. Materials, 2022, 15, 2679.	2.9	20
3	Bio-Based Polymeric Substrates for Printed Hybrid Electronics. Polymers, 2022, 14, 1863.	4.5	16
4	Oriented and annealed poly(lactic acid) films and their performance in flexible printed and hybrid electronics. Journal of Plastic Film and Sheeting, 2021, 37, 429-462.	2.2	22
5	55 th Invited Paper: Beyond Flexible Towards Sustainable Electronics. Digest of Technical Papers SID International Symposium, 2021, 52, 764-767.	0.3	1
6	Printed and hybrid integrated electronics using bio-based and recycled materials—increasing sustainability with greener materials and technologies. International Journal of Advanced Manufacturing Technology, 2020, 111, 325-339.	3.0	31
7	Gravure-Printed Flexible Perovskite Solar Cells: Toward Roll-to-Roll Manufacturing. Advanced Science, 2019, 6, 1802094.	11.2	115
8	Fully Roll-to-Roll Printed P3HT/Indene-C60 Bisadduct Modules with High Open-Circuit Voltage and Efficiency. Solar Rrl, 2018, 2, 1700160.	5.8	19
9	Effect of the Electron Transport Layer on the Interfacial Energy Barriers and Lifetime of R2R Printed Organic Solar Cell Modules. ACS Applied Energy Materials, 2018, 1, 5977-5985.	5.1	11
10	Custom-Shaped Organic Photovoltaic Modules—Freedom of Design by Printing. Nanoscale Research Letters, 2017, 12, 117.	5.7	23
11	Processing and reliability of bare die LED chip bonding on flexible plastic substrate. , 2016, , .		4
12	Behaviour of one-step spray-coated carbon nanotube supercapacitor in ambient light harvester circuit with printed organic solar cell and electrochromic display. Scientific Reports, 2016, 6, 22967.	3.3	37
13	Luminescent Downshifting by Photo-Induced Sol-Gel Hybrid Coatings: Accessing Multifunctionality on Flexible Organic Photovoltaics via Ambient Temperature Material Processing. Advanced Electronic Materials, 2016, 2, 1600288.	5.1	85
14	Gravure-Printed ZnO in Fully Roll-to-Roll Printed Inverted Organic Solar Cells: Optimization of Adhesion and Performance. Energy Technology, 2015, 3, 407-413.	3.8	22
15	Roll-to-roll gravure printing of organic photovoltaic modules—insulation of processing defects by an interfacial layer. Progress in Photovoltaics: Research and Applications, 2015, 23, 918-928.	8.1	38
16	Roll-to-roll compatible flexible polymer solar cells incorporating a water-based solution-processable silver back electrode with low annealing temperature. Solar Energy Materials and Solar Cells, 2015, 143, 227-235.	6.2	19
17	R2R-printed inverted OPV modules — towards arbitrary patterned designs. Nanoscale, 2015, 7, 9570-9580.	5.6	62
18	Round robin performance testing of organic photovoltaic devices. Renewable Energy, 2014, 63, 376-387.	8.9	15

#	ARTICLE	IF	CITATIONS
19	Cost analysis of roll-to-roll fabricated ITO free single and tandem organic solar modules based on data from manufacture. Energy and Environmental Science, 2014, 7, 2792.	30.8	170
20	Scalable, ambient atmosphere roll-to-roll manufacture of encapsulated large area, flexible organic tandem solar cell modules. Energy and Environmental Science, 2014, 7, 2925.	30.8	255
21	18.1:Invited Paper: Roll-to-Roll Manufacturing of Printed OLEDs. Digest of Technical Papers SID International Symposium, 2013, 44, 192-195.	0.3	31
22	Gravure printed flexible organic photovoltaic modules. Solar Energy Materials and Solar Cells, 2011, 95, 1344-1347.	6.2	136