

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	Scalable, ambient atmosphere roll-to-roll manufacture of encapsulated large area, flexible organic tandem solar cell modules. <i>Energy and Environmental Science</i> , 2014, 7, 2925.	30.8	255
2	Cost analysis of roll-to-roll fabricated ITO free single and tandem organic solar modules based on data from manufacture. <i>Energy and Environmental Science</i> , 2014, 7, 2792.	30.8	170
3	Gravure printed flexible organic photovoltaic modules. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 1344-1347.	6.2	136
4	Gravure-Printed Flexible Perovskite Solar Cells: Toward Roll-to-Roll Manufacturing. <i>Advanced Science</i> , 2019, 6, 1802094.	11.2	115
5	Luminescent Downshifting by Photo-Induced Sol-Gel Hybrid Coatings: Accessing Multifunctionality on Flexible Organic Photovoltaics via Ambient Temperature Material Processing. <i>Advanced Electronic Materials</i> , 2016, 2, 1600288.	5.1	85
6	R2R-printed inverted OPV modules “towards arbitrary patterned designs. <i>Nanoscale</i> , 2015, 7, 9570-9580.	5.6	62
7	Roll-to-roll gravure printing of organic photovoltaic modules”insulation of processing defects by an interfacial layer. <i>Progress in Photovoltaics: Research and Applications</i> , 2015, 23, 918-928.	8.1	38
8	Behaviour of one-step spray-coated carbon nanotube supercapacitor in ambient light harvester circuit with printed organic solar cell and electrochromic display. <i>Scientific Reports</i> , 2016, 6, 22967.	3.3	37
9	18.1:Invited Paper: Roll-to-Roll Manufacturing of Printed OLEDs. <i>Digest of Technical Papers SID International Symposium</i> , 2013, 44, 192-195.	0.3	31
10	Printed and hybrid integrated electronics using bio-based and recycled materials”increasing sustainability with greener materials and technologies. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 111, 325-339.	3.0	31
11	Custom-Shaped Organic Photovoltaic Modules”Freedom of Design by Printing. <i>Nanoscale Research Letters</i> , 2017, 12, 117.	5.7	23
12	Gravure-Printed ZnO in Fully Roll-to-Roll Printed Inverted Organic Solar Cells: Optimization of Adhesion and Performance. <i>Energy Technology</i> , 2015, 3, 407-413.	3.8	22
13	Oriented and annealed poly(lactic acid) films and their performance in flexible printed and hybrid electronics. <i>Journal of Plastic Film and Sheeting</i> , 2021, 37, 429-462.	2.2	22
14	Potential of Commercial Wood-Based Materials as PCB Substrate. <i>Materials</i> , 2022, 15, 2679.	2.9	20
15	Roll-to-roll compatible flexible polymer solar cells incorporating a water-based solution-processable silver back electrode with low annealing temperature. <i>Solar Energy Materials and Solar Cells</i> , 2015, 143, 227-235.	6.2	19
16	Fully Roll-to-Roll Printed P3HT/Indene-C60-Bisadduct Modules with High Open-Circuit Voltage and Efficiency. <i>Solar Rrl</i> , 2018, 2, 1700160.	5.8	19
17	Bio-Based Polymeric Substrates for Printed Hybrid Electronics. <i>Polymers</i> , 2022, 14, 1863.	4.5	16
18	Round robin performance testing of organic photovoltaic devices. <i>Renewable Energy</i> , 2014, 63, 376-387.	8.9	15

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Processing and reliability of bare die LED chip bonding on flexible plastic substrate. , 2016, , .		4
22	55â€1: <i>Invited Paper:</i> Beyond Flexible Towards Sustainable Electronics. Digest of Technical Papers SID International Symposium, 2021, 52, 764-767.	0.3	1