

Younsu Jung

List of Publications by Year in descending order

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20
papers

974
citations

840776

11
h-index

940533

16
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20
all docs

20
docs citations

20
times ranked

1569
citing authors

#	ARTICLE	IF	CITATIONS
1	Roll-to-Roll Gravure Printed Electrochemical Sensors for Wearable and Medical Devices. ACS Nano, 2018, 12, 6978-6987.	14.6	275
2	Methylxanthine Drug Monitoring with Wearable Sweat Sensors. Advanced Materials, 2018, 30, e1707442.	21.0	226
3	Fully Printed and Encapsulated SWCNT-Based Thin Film Transistors via a Combination of R2R Gravure and Inkjet Printing. ACS Applied Materials & Interfaces, 2016, 8, 27900-27910.	8.0	125
4	Key Issues With Printed Flexible Thin Film Transistors and Their Application in Disposable RF Sensors. Proceedings of the IEEE, 2015, 103, 554-566.	21.3	73
5	Fully printed flexible and disposable wireless cyclic voltammetry tag. Scientific Reports, 2015, 5, 8105.	3.3	61
6	Fully R2R-Printed Carbon Nanotube-Based Limitless Length of Flexible Active Matrix for Electrophoretic Display Application. Advanced Electronic Materials, 2020, 6, 1901431.	5.1	49
7	Proving Scalability of an Organic Semiconductor To Print a TFT-Active Matrix Using a Roll-to-Roll Gravure. ACS Omega, 2017, 2, 5766-5774.	3.5	38
8	Bridging R2R Printed Wireless 1 Bit Code Generator with an Electrophoretic QR Code Acting as WORM for NFC Carrier Enabled Authentication Label. Advanced Materials Technologies, 2020, 5, 1900935.	5.8	23
9	Proving the robustness of a PEDOT:PSS-based thermistor<i>via</i>functionalized graphene oxide<i>+</i>poly(vinylidene fluoride) composite encapsulation for food logistics. RSC Advances, 2020, 10, 12407-12414.	3.6	20
10	Fully gravure printed complementary carbon nanotube TFTs for a clock signal generator using an epoxy-imine based cross-linker as an n-dopant and encapsulant. Nanoscale, 2016, 8, 19876-19881.	5.6	19
11	The First Step towards a R2R Printing Foundry via a Complementary Design Rule in Physical Dimension for Fabricating Flexible 4-bit Code Generator. Advanced Electronic Materials, 2020, 6, 2000770.	5.1	17
12	Flexible screen printed biosensor with high-Q microwave resonator for rapid and sensitive detection of glucose. , 2014, , .		10
13	Improving the Stability of R2R Printed 1-bit Code Generator through Spin-Coated Multilayer-Encapsulation Method. Macromolecular Materials and Engineering, 2020, 305, 1900867.	3.6	8
14	Fully roll-to-roll gravure printed 4-bit code generator based on p-type SWCNT thin-film transistors. Flexible and Printed Electronics, 2021, 6, 044005.	2.7	8
15	Wireless pH-logger label for intelligent food packaging. Flexible and Printed Electronics, 2021, 6, 044001.	2.7	6
16	Printed Four Key-Device Units for Unified Platform of Wireless Anti-Counterfeiting Label to Bridge in Blockchain. Advanced Materials Technologies, 2022, 7, 2100969.	5.8	6
17	A Printed Wireless Triangle-Wave Generator via a Smartphone. Advanced Engineering Materials, 2022, 24, 2100896.	3.5	5
18	Roll-to-Roll Gravure-Printed Carbon Nanotube-Based Transistor Arrays for a Digital Column Chromatograph. Advanced Materials Technologies, 0, , 2101243.	5.8	4

#	ARTICLE	IF	CITATIONS
19	An exploration of ocular glucose levels with flexible RF biosensor using polyethylene terephthalate. , 2014, , .		1
20	Printed Electronics: Bridging R2R Printed Wireless 1 Bitâ€Code Generator with an Electrophoretic QR Code Acting as WORM for NFC Carrier Enabled Authentication Label (Adv. Mater. Technol. 2/2020). Advanced Materials Technologies, 2020, 5, 2070012.	5.8	0