

Jieun Ko

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

747
citations

686830

13
h-index

940134

16
g-index

17
all docs

17
docs citations

17
times ranked

1330
citing authors

#	ARTICLE	IF	CITATIONS
1	Biopolymer based gate dielectrics for high performance organic thin film transistors. , 2020, , .		1
2	Self-Healable Organic Electrochemical Transistor with High Transconductance, Fast Response, and Long-Term Stability. ACS Applied Materials & Interfaces, 2020, 12, 33979-33988.	4.0	40
3	Water robustness of organic thin-film transistors based on pyrazino[2,3- <i>g</i>]quinoxaline-dione conjugated polymer. Journal of Materials Chemistry C, 2020, 8, 4157-4163.	2.7	4
4	Proquinoidal-Conjugated Polymer as an Effective Strategy for the Enhancement of Electrical Conductivity and Thermoelectric Properties. Chemistry of Materials, 2019, 31, 8543-8550.	3.2	43
5	Self-healable electrochromic ion gels for low power and robust displays. Organic Electronics, 2019, 71, 199-205.	1.4	21
6	Ionic-Liquid Doping Enables High Transconductance, Fast Response Time, and High Ion Sensitivity in Organic Electrochemical Transistors. Advanced Materials, 2019, 31, e1805544.	11.1	95
7	Direct arylation polymerization toward ultra-low bandgap poly(thienoisoindigo- <i>alt</i> -diketopyrrolepyrrole) conjugated polymers: The effect of I_2 protection on the polymerization and properties of the polymers. Journal of Polymer Science Part A, 2017, 55, 3205-3213.	2.5	9
8	Human Hair Keratin for Biocompatible Flexible and Transient Electronic Devices. ACS Applied Materials & Interfaces, 2017, 9, 43004-43012.	4.0	74
9	Flexible Ionic-Electronic Hybrid Oxide Synaptic TFTs with Programmable Dynamic Plasticity for Brain-Inspired Neuromorphic Computing. Small, 2017, 13, 1701193.	5.2	152
10	Fully Solution-Processed and Foldable Metal-Oxide Thin-Film Transistor. ACS Applied Materials & Interfaces, 2016, 8, 12894-12900.	4.0	26
11	Self-Healing Polymer Dielectric for a High Capacitance Gate Insulator. ACS Applied Materials & Interfaces, 2016, 8, 23854-23861.	4.0	39
12	All solid state flexible supercapacitors operating at 4 V with a cross-linked polymer-ionic liquid electrolyte. Journal of Materials Chemistry A, 2016, 4, 4386-4391.	5.2	39
13	A robust ionic liquid-polymer gate insulator for high-performance flexible thin film transistors. Journal of Materials Chemistry C, 2015, 3, 4239-4243.	2.7	25
14	Effective work function modulation of SWCNT-AZO NP hybrid electrodes in fully solution-processed flexible metal-oxide thin film transistors. Journal of Materials Chemistry C, 2015, 3, 8121-8126.	2.7	11
15	Direct electron injection into an oxide insulator using a cathode buffer layer. Nature Communications, 2015, 6, 6785.	5.8	21
16	Gate Capacitance-Dependent Field-Effect Mobility in Solution-Processed Oxide Semiconductor Thin-Film Transistors. Advanced Functional Materials, 2014, 24, 4689-4697.	7.8	84
17	Solution-processed amorphous hafnium-lanthanum oxide gate insulator for oxide thin-film transistors. Journal of Materials Chemistry C, 2014, 2, 1050-1056.	2.7	63