

Wonryung Lee

List of Publications by Year in descending order

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16
papers

1,499
citations

949033

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1113639

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docs citations

16
times ranked

3078
citing authors

#	ARTICLE	IF	CITATIONS
1	Photopatternable Poly(dimethylsiloxane) (PDMS) for an Intrinsically Stretchable Organic Electrochemical Transistor. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 24840-24849.	4.0	8
2	High-Transconductance Organic Electrochemical Transistor Fabricated on Ultrathin Films Using Spray Coating. <i>Small Structures</i> , 2021, 2, 2000088.	6.9	15
3	Effect of ionic conduction under dielectric barriers on PEDOT:PSS electrochemical interfaces. <i>Applied Physics Express</i> , 2021, 14, 031003.	1.1	0
4	An organic transistor matrix for multipoint intracellular action potential recording. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15
5	Conformable microneedle pH sensors via the integration of two different siloxane polymers for mapping peripheral artery disease. <i>Science Advances</i> , 2021, 7, eabi6290.	4.7	36
6	Flexible short-channel organic transistors and inverter circuits using top-contact and double-gate structure. <i>Applied Physics Express</i> , 2020, 13, 061001.	1.1	3
7	Solution-Processed, Photo-Patternable Fluorinated Sol-Gel Hybrid Materials as a Bio-Fluidic Barrier for Flexible Electronic Systems. <i>Advanced Electronic Materials</i> , 2020, 6, 1901065.	2.6	6
8	Ultrathin Organic Electrochemical Transistor with Nonvolatile and Thin Gel Electrolyte for Long-Term Electrophysiological Monitoring. <i>Advanced Functional Materials</i> , 2019, 29, 1906982.	7.8	79
9	Emerging Trends in Flexible Active Multielectrode Arrays. <i>Chemistry of Materials</i> , 2019, 31, 6347-6358.	3.2	43
10	Self-powered ultra-flexible electronics via nano-grating-patterned organic photovoltaics. <i>Nature</i> , 2018, 561, 516-521.	13.7	743
11	Nonthrombogenic, stretchable, active multielectrode array for electroanatomical mapping. <i>Science Advances</i> , 2018, 4, eaau2426.	4.7	155
12	Transparent, conformable, active multielectrode array using organic electrochemical transistors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10554-10559.	3.3	201
13	Ultraflexible Transparent Oxide/Metal/Oxide Stack Electrode with Low Sheet Resistance for Electrophysiological Measurements. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 34744-34750.	4.0	27
14	Integration of Organic Electrochemical and Field-Effect Transistors for Ultraflexible, High Temporal Resolution Electrophysiology Arrays. <i>Advanced Materials</i> , 2016, 28, 9722-9728.	11.1	131
15	Field-Effect Transistors: Integration of Organic Electrochemical and Field-Effect Transistors for Ultraflexible, High Temporal Resolution Electrophysiology Arrays (<i>Adv. Mater.</i> 44/2016). <i>Advanced Materials</i> , 2016, 28, 9869-9869.	11.1	2
16	Vacuum Ultraviolet Treatment of Self-Assembled Monolayers: A Tool for Understanding Growth and Tuning Charge Transport in Organic Field-Effect Transistors. <i>Advanced Materials</i> , 2016, 28, 2049-2054.	11.1	35