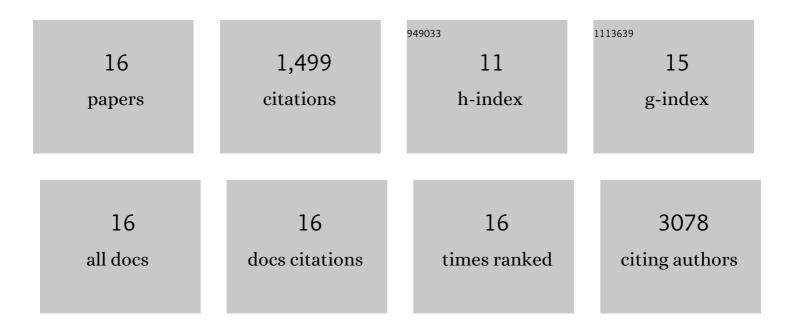
Wonryung Lee

List of Publications by Year in descending order

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