

# Seok Hee Han

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8386784/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Hydrogel-Based Iontronics on a Polydimethylsiloxane Microchip. ACS Applied Materials & Interfaces, 2021, 13, 6606-6614.	8.0	13
2	Inverted Ion Current Rectification-Based Chemical Delivery Probes for Stimulation of Neurons. ACS Applied Materials & Interfaces, 2021, 13, 26748-26758.	8.0	9
3	In Situ Real-Time Monitoring of ITO Film under a Chemical Etching Process Using Fourier Transform Electrochemical Impedance Spectroscopy. Analytical Chemistry, 2020, 92, 10504-10511.	6.5	6
4	Ion-to-ion amplification through an open-junction ionic diode. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13807-13815.	7.1	46
5	A Stretchable Ionic Diode from Copolyelectrolyte Hydrogels with Methacrylated Polysaccharides. Advanced Functional Materials, 2019, 29, 1806909.	14.9	52
6	Miniaturized Reverse Electrodialysis-Powered Biosensor Using Electrochemiluminescence on Bipolar Electrode. Analytical Chemistry, 2018, 90, 4749-4755.	6.5	31
7	Dielectric Breakdown and Post-Breakdown Dissolution of Si/SiO <sub>2</sub> Cathodes in Acidic Aqueous Electrochemical Environment. Scientific Reports, 2018, 8, 1911.	3.3	3
8	3D interdigitated electrode array in the microchannel free of reference and counter electrodes. Biosensors and Bioelectronics, 2018, 101, 317-321.	10.1	8
9	A miniaturized solid salt reverse electrodialysis battery: a durable and fully ionic power source. Chemical Science, 2018, 9, 8071-8076.	7.4	16
10	Ionic Circuits Powered by Reverse Electrodialysis for an Ultimate Iontronic System. Scientific Reports, 2017, 7, 14068.	3.3	23