

# Seok Hee Han

## List of Publications by Year in descending order

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

Version: 2024-02-01

10  
papers

207  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
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10  
docs citations

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times ranked

247  
citing authors

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