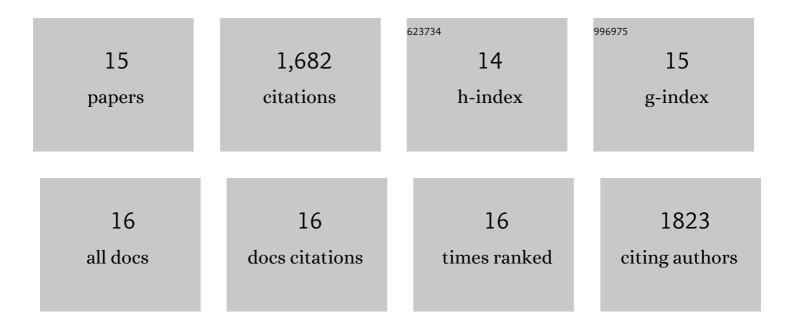
## Sung Hee Ko

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11176087/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Direct seawater desalination by ion concentration polarization. Nature Nanotechnology, 2010, 5, 297-301.	31.5	678
2	Nanofluidic preconcentration device in a straight microchannel using ion concentration polarization. Lab on A Chip, 2012, 12, 4472.	6.0	158
3	Shape Oscillation of a Drop in ac Electrowetting. Langmuir, 2008, 24, 8379-8386.	3.5	144
4	Hydrodynamic Flows in Electrowetting. Langmuir, 2008, 24, 1094-1101.	3.5	111
5	Massively parallel concentration device for multiplexed immunoassays. Lab on A Chip, 2011, 11, 1351.	6.0	77
6	Increasing the Sensitivity of Enzyme-Linked Immunosorbent Assay Using Multiplexed Electrokinetic Concentrator. Analytical Chemistry, 2010, 82, 3383-3388.	6.5	76
7	An electrohydrodynamic flow in ac electrowetting. Biomicrofluidics, 2009, 3, 44113.	2.4	70
8	Multi-vortical flow inducing electrokinetic instability in ion concentration polarization layer. Nanoscale, 2012, 4, 7406.	5.6	69
9	Analysis of electrowetting-driven spreading of a drop in air. Physics of Fluids, 2010, 22, .	4.0	68
10	A numerical investigation on AC electrowetting of a droplet. Microfluidics and Nanofluidics, 2008, 5, 263-271.	2.2	67
11	Fc-mediated effector function contributes to the in vivo antiviral effect of an HIV neutralizing antibody. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18754-18763.	7.1	53
12	A synthetic jet produced by electrowetting-driven bubble oscillations in aqueous solution. Applied Physics Letters, 2009, 94, .	3.3	47
13	Nanofluidic device for continuous multiparameter quality assurance of biologics. Nature Nanotechnology, 2017, 12, 804-812.	31.5	25
14	Continuous Online Protein Quality Monitoring during Perfusion Culture Production Using an Integrated Micro/Nanofluidic System. Analytical Chemistry, 2020, 92, 5267-5275.	6.5	10
15	Hydrodynamic Flows in Electrowetting. , 2008, , .		1