

Sung Hee Ko

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11176087/publications.pdf>

Version: 2024-02-01

15
papers

1,682
citations

623734

14
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1823
citing authors

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