

Sung Hee Ko

List of Publications by Year in descending order

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

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