

# Sanghyun Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3126011/publications.pdf>

Version: 2024-02-01

11  
papers

291  
citations

1040056

9  
h-index

1199594

12  
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all docs

12  
docs citations

12  
times ranked

603  
citing authors

#	ARTICLE	IF	CITATIONS
1	On-demand, parallel droplet merging method with non-contact droplet pairing in droplet-based microfluidics. <i>Microfluidics and Nanofluidics</i> , 2016, 20, 1.	2.2	115
2	How the change of contact angle occurs for an evaporating droplet: effect of impurity and attached water films. <i>Soft Matter</i> , 2012, 8, 11889.	2.7	38
3	Liquid glass electrodes for nanofluidics. <i>Nature Nanotechnology</i> , 2010, 5, 412-416.	31.5	36
4	Jumping of a droplet on a superhydrophobic surface in AC electrowetting. <i>Journal of Visualization</i> , 2011, 14, 259-264.	1.8	28
5	Nano-injection system for precise direct delivery of biomolecules into single cells. <i>Lab on A Chip</i> , 2019, 19, 580-588.	6.0	14
6	High-Density Microfluidic Particle-Cluster-Array Device for Parallel and Dynamic Study of Interaction between Engineered Particles. <i>Advanced Materials</i> , 2017, 29, 1701351.	21.0	13
7	Plug-in nanoliter pneumatic liquid dispenser with nozzle design flexibility. <i>Biomicrofluidics</i> , 2015, 9, 064102.	2.4	11
8	Deterministic bead-in-droplet ejection utilizing an integrated plug-in bead dispenser for single bead-based applications. <i>Scientific Reports</i> , 2017, 7, 46260.	3.3	10
9	Oscillatory flow-assisted efficient target enrichment with small volumes of sample by using a particle-based microarray device. <i>Biosensors and Bioelectronics</i> , 2019, 131, 280-286.	10.1	10
10	Optoelectrofluidic field separation based on light-intensity gradients. <i>Biomicrofluidics</i> , 2010, 4, 034102.	2.4	8
11	Continuous Single-Phase Flow-Assisted Isolation for Parallel Observation of Reactions Between Deterministically Paired Particles. <i>Journal of Microelectromechanical Systems</i> , 2019, 28, 882-889.	2.5	6