Dong-Hyun Kang

List of Publications by Year
in descending order

11 papers	65 citations	1684188 5 h-index	1588992 8 g-index
11 all docs	11 docs citations	11 times ranked	67 citing authors

#	Article	IF	Citations
1	Fabrication of High-Density Out-of-Plane Microneedle Arrays with Various Heights and Diverse Cross-Sectional Shapes. Nano-Micro Letters, 2022, 14, 24.	27.0	25
2	An anti-clogging method for improving the performance and lifespan of blood plasma separation devices in real-time and continuous microfluidic systems. Scientific Reports, 2018, 8, 17015.	3.3	12
3	Tightly Sealed 3D Lipid Structure Monolithically Generated on Transparent SU-8 Microwell Arrays for Biosensor Applications. ACS Applied Materials & Interfaces, 2018, 10, 40401-40410.	8.0	9
4	Enhancement of membrane protein reconstitution on 3D free-standing lipid bilayer array in a microfluidic channel. Biosensors and Bioelectronics, 2019, 141, 111404.	10.1	7
5	Tunable and scalable fabrication of block copolymer-based 3D polymorphic artificial cell membrane array. Nature Communications, 2022, 13, 1261.	12.8	6
6	An integrated microchannel with continuous electrodynamic anti-adhesion capability for particle loss reduction in air-based microfluidic chips. Journal of Adhesion Science and Technology, 2013, 27, 2517-2530.	2.6	3
7	An Anti-Adhesion Technique in Microfluidic Channel Using Dielectrophoresis for Particle Processing Microfluidic Chip Applications. Journal of Biomedical Nanotechnology, 2015, 11, 1524-1534.	1.1	1
8	Plasma extraction rate enhancement scheme for a real-time and continuous blood plasma separation device using a sheathless cell concentrator. Journal of Micromechanics and Microengineering, 2018, 28, 025008.	2.6	1
9	3D Artificial Cell Membranes as Versatile Platforms for Biological Applications. Biochip Journal, 0, , .	4.9	1
10	An electrodynamic preconcentrator-integrated thermoelectric biosensor chip for continuous monitoring. , 2011, , .		0
11	A Mems-Based Condensation Particle Counter for Accurate and Real-Time Monitoring of Airborne Nanoparticles at Points of Interest. , 2019, , .		0