

Seokbeom Kim

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Three-Dimensional Liquid-Based Exchangeable Gradient Osmosis Chip for a Permeability Controllable Microfluidic Device. ACS Applied Polymer Materials, 2021, 3, 5836-5844.	4.4	1
2	Direct-current triboelectricity generation by a sliding Schottky nanocontact on MoS2 multilayers. Nature Nanotechnology, 2018, 13, 112-116.	31.5	230
3	Microfluidic Cantilever Biosensors. , 2018, , .		1
4	Micropatterning of Liquid Metal by Dewetting. Journal of Microelectromechanical Systems, 2017, 26, 1244-1247.	2.5	14
5	Electrophoresis assisted time-of-flow mass spectrometry using hollow nanomechanical resonators. Scientific Reports, 2017, 7, 3535.	3.3	6
6	Fabrication and characterization of hydrogel mems resonators via dynamic mask lithography. , 2017, , .		1
7	3D printed fluidic valves for remote operation via external magnetic field. International Journal of Precision Engineering and Manufacturing, 2016, 17, 937-942.	2.2	15
8	Multifunctional hydrogel nano-probes for atomic force microscopy. Nature Communications, 2016, 7, 11566.	12.8	44
9	Spray-Coated Liquid Metal Reflectors for Transparent Hydrogel Atomic Force Microscope Cantilevers. Journal of Microelectromechanical Systems, 2016, 25, 848-850.	2.5	4
10	Hollow Microtube Resonators via Silicon Self-Assembly toward Subattogram Mass Sensing Applications. Nano Letters, 2016, 16, 1537-1545.	9.1	43
11	Sensitivity-Enhanced $\frac{f}{f_0}$ Pressure Sensor for Wireless Bladder Pressure Monitoring. IEEE Sensors Journal, 2016, 16, 4715-4724.	4.7	24
12	Improved Capacitive Pressure Sensors Based on Liquid Alloy and Silicone Elastomer. IEEE Sensors Journal, 2015, 15, 4180-4181.	4.7	16
13	Stretching and Twisting Sensing With Liquid-Metal Strain Gauges Printed on Silicone Elastomers. IEEE Sensors Journal, 2015, 15, 6077-6078.	4.7	48
14	Fabrication and experiment of polymeric diaphragm pressure sensors. , 2013, , .		1