Juyeol Bae

List of Publications by Year
in descending order

13 papers	**360** citations	1163117 **8** h-index	1199594 **12** g-index
13 all docs	**13** docs citations	**13** times ranked	**497** citing authors

#	Article	IF	Citations
1	Pervaporation-assisted <i>in situ</i> formation of nanoporous microchannels with various material and structural properties. Lab on A Chip, 2022, 22, 1474-1485.	6.0	4
2	Spider-inspired regenerated silk fibroin fiber actuator via microfluidic spinning. Chemical Engineering Journal, 2022, 444, 136556.	12.7	20
3	Direct Single-Step Printing of Conductive Grids on Curved Surfaces Using Template-Guided Foaming. ACS Applied Materials & Interfaces, 2021, 13, 19168-19175.	8.0	8
4	Multimodal and Covert–Overt Convertible Structural Coloration Transformed by Mechanical Stress. Advanced Materials, 2020, 32, e2001467.	21.0	66
5	Double-Sided Microwells with a Stepped Through-Hole Membrane for High-Throughput Microbial Assays. Analytical Chemistry, 2020, 92, 9501-9510.	6.5	1
6	Structural Color Platforms: Multimodal and Covert–Overt Convertible Structural Coloration Transformed by Mechanical Stress (Adv. Mater. 25/2020). Advanced Materials, 2020, 32, 2070192.	21.0	6
7	Controlled open-cell two-dimensional liquid foam generation for micro- and nanoscale patterning of materials. Nature Communications, 2019, 10, 3209.	12.8	10
8	Micro–Nanofluidics for Liquid–Mediated Patterning of Hybrid–Scale Material Structures. Advanced Materials, 2019, 31, e1804953.	21.0	30
9	Microfludic Fabrication of Liquid-Mediated Materials into Multiple Heterogeneous and Networked Nanostructures. , 2019, , .		0
10	High humidity- and contamination-resistant triboelectric nanogenerator with superhydrophobic interface. Nano Energy, 2019, 57, 903-910.	16.0	119
11	Reusable and storable whole-cell microbial biosensors with a microchemostat platform for in situ on-demand heavy metal detection. Sensors and Actuators B: Chemical, 2018, 264, 372-381.	7.8	21
12	Transparent-flexible-multimodal triboelectric nanogenerators for mechanical energy harvesting and self-powered sensor applications. Nano Energy, 2018, 48, 471-480.	16.0	63
13	Long-Term and Programmable Bacterial Subculture in Completely Automated Microchemostats. Analytical Chemistry, 2017, 89, 9676-9684.	6.5	12