

# Juyeol Bae

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9223136/publications.pdf>

Version: 2024-02-01

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