Hyungdong Lee

List of Publications by Year
in descending order

17	628	933447 10	888059 17
papers	citations	h-index	g-index

18	18	18	1471
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrohydrodynamic Jet-Printed MAPbBr3 Perovskite/Polyacrylonitrile Nanostructures for Water-Stable, Flexible, and Transparent Displays. ACS Applied Nano Materials, 2022, 5, 6726-6735.	5.0	6
2	Infiltrated thin film structure with hydrogel-mediated precursor ink for durable SOFCs. Scientific Reports, 2021, 11, 7109.	3.3	6
3	Direct Patterning and Spontaneous Self-Assembly of Graphene Oxide via Electrohydrodynamic Jet Printing for Energy Storage and Sensing. Micromachines, 2020, 11, 13.	2.9	14
4	Silver Nanowire Micro-Ring Formation Using Immiscible Emulsion Droplets for Surface-Enhanced Raman Spectroscopy. Applied Sciences (Switzerland), 2020, 10, 8018.	2.5	1
5	Direct Fabrication of Metallic Microgear via Electrohydrodynamic Inkjet 3D Printing. Advanced Engineering Materials, 2020, 22, 1901362.	3.5	9
6	Redox-Active Tyrosine-Mediated Peptide Template for Large-Scale Single-Crystalline Two-Dimensional Silver Nanosheets. ACS Nano, 2020, 14, 1738-1744.	14.6	16
7	Electrohydrodynamic Jet Printed 3D Metallic Grid: Toward Highâ€Performance Transparent Electrodes. Advanced Engineering Materials, 2020, 22, 1901275.	3.5	29
8	Hydrogel Film Assembly Process at Droplet Interface with Evaporation Temperature. Advanced Materials Interfaces, 2019, 6, 1801885.	3.7	5
9	Ultrafast Growth of Large 2D Silver Nanosheets by Highly Ordered Biological Template at Air/Gel Interface. Advanced Materials Interfaces, 2018, 5, 1701491.	3.7	15
10	Printing Conductive Microâ€Web Structures via Capillary Transport of Elastomeric Ink for Highly Stretchable Strain Sensors. Advanced Materials Technologies, 2018, 3, 1700228.	5.8	14
11	2D Silver Nanosheets: Ultrafast Growth of Large 2D Silver Nanosheets by Highly Ordered Biological Template at Air/Gel Interface (Adv. Mater. Interfaces 10/2018). Advanced Materials Interfaces, 2018, 5, 1870050.	3.7	0
12	Biomimetic, Flexible, and Self-Healable Printed Silver Electrode by Spontaneous Self-Layering Phenomenon of a Gelatin Scaffold. ACS Applied Materials & Interfaces, 2018, 10, 25666-25672.	8.0	14
13	Self-Assembly of Silver Nanowire Ring Structures Driven by the Compressive Force of a Liquid Droplet. Langmuir, 2017, 33, 3367-3372.	3.5	6
14	Spontaneous self-welding of silver nanowire networks. Physical Chemistry Chemical Physics, 2015, 17, 7629-7633.	2.8	27
15	Directly printed stretchable strain sensor based on ring and diamond shaped silver nanowire electrodes. RSC Advances, 2015, 5, 28379-28384.	3.6	94
16	Direct exfoliation and dispersion of two-dimensional materials in pure water via temperature control. Nature Communications, 2015, 6, 8294.	12.8	277
17	Direct Alignment and Patterning of Silver Nanowires by Electrohydrodynamic Jet Printing. Small, 2014, 10, 3918-3922.	10.0	94