

# Hyungdong Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7094289/publications.pdf>

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17  
papers

628  
citations

933447

10  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1471  
citing authors

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