

# Soon Hyoung Hwang

## List of Publications by Year in descending order

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17  
papers

325  
citations

840776

11  
h-index

888059

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all docs

17  
docs citations

17  
times ranked

401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microneedles integrated with a triboelectric nanogenerator: an electrically active drug delivery system. <i>Nanoscale</i> , 2018, 10, 13502-13510.	5.6	44
2	Three-dimensional plasmonic Ag/TiO <sub>2</sub> nanocomposite architectures on flexible substrates for visible-light photocatalytic activity. <i>Scientific Reports</i> , 2017, 7, 8915.	3.3	37
3	3D Layer-By-Layer Pd-Containing Nanocomposite Platforms for Enhancing the Performance of Hydrogen Sensors. <i>ACS Sensors</i> , 2020, 5, 2367-2377.	7.8	30
4	Covalent bonding-assisted nanotransfer lithography for the fabrication of plasmonic nano-optical elements. <i>Nanoscale</i> , 2017, 9, 14335-14346.	5.6	28
5	Drug-Delivery System Based on Salmon DNA Nano- and Micro-Scale Structures. <i>Scientific Reports</i> , 2017, 7, 9724.	3.3	25
6	Nanotransfer Printing on Textile Substrate with Water-Soluble Polymer Nanotemplate. <i>ACS Nano</i> , 2020, 14, 2191-2201.	14.6	25
7	Large-Area Nanogap-Controlled 3D Nanoarchitectures Fabricated via Layer-by-Layer Nanoimprint. <i>ACS Nano</i> , 2021, 15, 503-514.	14.6	25
8	Repeatable and metal-independent nanotransfer printing based on metal oxidation for plasmonic color filters. <i>Nanoscale</i> , 2019, 11, 11128-11137.	5.6	23
9	Adhesive-Layer-Free and Double-Faced Nanotransfer Lithography for a Flexible Large-Area MetaSurface Hologram. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 1737-1745.	8.0	15
10	Shape-Controlled and Well-Arrayed Heterogeneous Nanostructures via Melting Point Modulation at the Nanoscale. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 3358-3368.	8.0	15
11	Effects of polymer surface energy on morphology and properties of silver nanowire fabricated via nanoimprint and E-beam evaporation. <i>Applied Surface Science</i> , 2017, 420, 429-438.	6.1	13
12	Gold-Nanocluster-Assisted Nanotransfer Printing Method for Metasurface Hologram Fabrication. <i>Scientific Reports</i> , 2019, 9, 3051.	3.3	10
13	Biocompatible Nanotransfer Printing Based on Water Bridge Formation in Hyaluronic Acid and Its Application to Smart Contact Lenses. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 35069-35078.	8.0	10
14	Effects of fiber length distribution on flow property and internal microstructure of an injection molded part. <i>Macromolecular Research</i> , 2015, 23, 844-849.	2.4	9
15	Effective Dispensing Methods for Loading Drugs Only to the Tip of DNA Microneedles. <i>Pharmaceutics</i> , 2020, 12, 954.	4.5	6
16	Robust nanotransfer printing by imidization-induced interlocking. <i>Applied Surface Science</i> , 2021, 552, 149500.	6.1	5
17	Biocompatible All-in-One Adhesive Needle-Free Cup Patch for Enhancing Transdermal Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 58220-58228.	8.0	5