

# Dong Hyun Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8390806/publications.pdf>

Version: 2024-02-01

19  
papers

1,212  
citations

933447

10  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1948  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macroscopic 10-Terabit-per-Square-Inch Arrays from Block Copolymers with Lateral Order. <i>Science</i> , 2009, 323, 1030-1033.	12.6	713
2	Defining the Nanostructured Morphology of Triblock Copolymers Using Resonant Soft X-ray Scattering. <i>Nano Letters</i> , 2011, 11, 3906-3911.	9.1	139
3	Simultaneous Thermoelectric Property Measurement and Incoherent Phonon Transport in Holey Silicon. <i>ACS Nano</i> , 2016, 10, 124-132.	14.6	102
4	Unidirectionally aligned line patterns driven by entropic effects on faceted surfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1402-1406.	7.1	88
5	Highly Ordered Nanoporous Template from Triblock Copolymer. <i>ACS Nano</i> , 2011, 5, 1207-1214.	14.6	32
6	Controlled Orientation of Block Copolymers on Defect-Free Faceted Surfaces. <i>Advanced Materials</i> , 2012, 24, 4278-4283.	21.0	32
7	Ordering evolution of block copolymer thin films upon solvent-annealing process. <i>Journal of Colloid and Interface Science</i> , 2012, 383, 118-123.	9.4	20
8	Fabrication of stable electrospun TiO <sub>2</sub> nanorods for high-performance dye-sensitized solar cells. <i>Macromolecular Research</i> , 2013, 21, 636-640.	2.4	20
9	Direct 3D Nanoparticle Assemblies in Thin Films via Topographically Patterned Surfaces. <i>Advanced Materials</i> , 2014, 26, 2777-2781.	21.0	17
10	Directed Self-Assembly of Asymmetric Block Copolymers in Thin Films Driven by Uniaxially Aligned Topographic Patterns. <i>ACS Nano</i> , 2018, 12, 1642-1649.	14.6	15
11	Photosynthetic Solar Cell Using Nanostructured Proton Exchange Membrane for Microbial Biofilm Prevention. <i>ACS Nano</i> , 2014, 8, 6458-6465.	14.6	9
12	Fabrication of Grid-Type Transparent Conducting Electrodes Based on Controlled Mechanical Fracture. <i>Macromolecular Research</i> , 2018, 26, 157-163.	2.4	7
13	Directed Self-Assembly of Block Copolymer Micelles onto Topographically Patterned Surface. <i>Langmuir</i> , 2015, 31, 12929-12936.	3.5	4
14	Flexible conducting electrodes based on an embedded double-layer structure of gold ribbons and silver nanowires. <i>RSC Advances</i> , 2016, 6, 50158-50165.	3.6	4
15	Directed Self-Assembly of Colloidal Quantum Dots Using Well-Ordered Nanoporous Templates for Three-Colored Nanopixel Light-Emitting Diodes. <i>ACS Applied Electronic Materials</i> , 2019, 1, 1626-1632.	4.3	4
16	Fabrication of silica mesh patterns via self-assembly of block copolymers. <i>Macromolecular Research</i> , 2012, 20, 990-995.	2.4	3
17	Synthesis of Crosslinkable Polyetherimide and Application as an Additive in 3D Printing of Photopolymers. <i>Macromolecular Research</i> , 2022, 30, 43-50.	2.4	2
18	Plasmonic nanostructures based on block copolymer templates for efficient organic solar cells. <i>Journal of the Korean Physical Society</i> , 2016, 68, 257-263.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Directed assembly of suspended nanowires assisted by topographically patterned surfaces of n-paraffin. <i>Macromolecular Research</i> , 2015, 23, 770-775.	2.4	0