Won Chul Lee

List of Publications by Year
in descending order

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20 papers	598 citations	840776 11 h-index	888059 17 g-index
20 all docs	20 docs citations	20 times ranked	1047 citing authors

#	Article	IF	Citations
1	Response to Comment on â€œReversible disorder-order transitions in atomic crystal nucleationâ€. Science, 2022, 375, eabj3683.	12.6	0
2	Reversible disorder-order transitions in atomic crystal nucleation. Science, 2021, 371, 498-503.	12.6	117
3	Selective Laser Pyrolytic Micropatterning of Stretched Elastomeric Polymer Surfaces. International Journal of Precision Engineering and Manufacturing - Green Technology, 2021, 8, 795-804.	4.9	2
4	A Transformative Gold Patterning through Selective Laser Refining of Cyanide. Nanomaterials, 2021, 11, 1921.	4.1	4
5	Graphene Oxideâ€Supported Microwell Grids for Preparing Cryoâ€EM Samples with Controlled Ice Thickness. Advanced Materials, 2021, 33, e2102991.	21.0	1
6	Epitaxial Growth of Diamond-Shaped Au1/2Ag1/2CN Nanocrystals on Graphene. Materials, 2021, 14, 7569.	2.9	1
7	Ligand-Dependent Coalescence Behaviors of Gold Nanoparticles Studied by Multichamber Graphene Liquid Cell Transmission Electron Microscopy. Nano Letters, 2020, 20, 8704-8710.	9.1	15
8	A Largeâ€Scale Array of Ordered Grapheneâ€Sandwiched Chambers for Quantitative Liquidâ€Phase Transmission Electron Microscopy. Advanced Materials, 2020, 32, e2002889.	21.0	19
9	Universal Oriented van der Waals Epitaxy of 1D Cyanide Chains on Hexagonal 2D Crystals. Advanced Science, 2020, 7, 1900757.	11.2	13
10	Fully Stretchable Electromagnet Using Magnetoactive PDMS Sponges and Metallic Coils. Jom, 2019, 71, 4556-4561.	1.9	3
11	Self-Assembled Nanochamber Arrays for in-situ TEM Observation of Liquid-Phase Samples. , 2019, , .		1
12	Facile Identification of Graphene's Crystal Orientations by Optical Microscopy of Self-Aligned Microwires. , 2019, , .		1
13	Amorphous-Phase-Mediated Crystallization of Ni Nanocrystals Revealed by High-Resolution Liquid-Phase Electron Microscopy. Journal of the American Chemical Society, 2019, 141, 763-768.	13.7	76
14	One-Dimensional Assembly on Two-Dimensions: AuCN Nanowire Epitaxy on Graphene for Hybrid Phototransistors. Nano Letters, 2018, 18, 6214-6221.	9.1	30
15	Liquid Cell Electron Microscopy of Nanoparticle Self-Assembly Driven by Solvent Drying. Journal of Physical Chemistry Letters, 2017, 8, 647-654.	4.6	41
16	Precise Identification of Grapheneâ€™s Crystal Structures by Removable Nanowire Epitaxy. Journal of Physical Chemistry Letters, 2017, 8, 1302-1309.	4.6	11
17	Self-organized growth and self-assembly of nanostructures on 2D materials. FlatChem, 2017, 5, 50-68.	5.6	33
18	Liquid-cell Transmission Electron Microscopy for Tracking Self-assembly of Nanoparticles. Journal of Visualized Experiments, 2017, , .	0.3	3

#	Article	IF	Citations
19	Graphene-templated directional growth of an inorganic nanowire. Nature Nanotechnology, 2015, 10, 423-428.	31.5	75
20	Direct Observation of Nanoparticle Superlattice Formation by Using Liquid Cell Transmission Electron Microscopy. ACS Nano, 2012, 6, 2078-2085.	14.6	152