Taeyeong Yun

List of Publications by Year
in descending order

24	1,426	516561 16	580701 25
papers	citations	h-index	g-index

26	26	26	2213
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular-Level Lubrication Effect of 0D Nanodiamonds for Highly Bendable Graphene Liquid Crystalline Fibers. ACS Applied Materials & Interfaces, 2022, 14, 13601-13610.	4.0	10
2	Wide-Range Size Fractionation of Graphene Oxide by Flow Field-Flow Fractionation. ACS Nano, 2022, 16, 9172-9182.	7.3	3
3	Multidimensional Ti₃C₂T_xMXene ArchitecturesviaInterfacial Electrochemical Self-Assembly. ACS Nano, 2021, 15, 10058-10066.	7.3	46
4	Smart Nanostructured Materials based on Selfâ€Assembly of Block Copolymers. Advanced Functional Materials, 2020, 30, 1902049.	7.8	56
5	2D graphene oxide liquid crystal for real-world applications: Energy, environment, and antimicrobial. APL Materials, 2020, 8, .	2.2	24
6	Largeâ€Area Alignment of Supramolecular Columns by Photothermal Laser Writing. Advanced Materials, 2020, 32, 2002620.	11.1	7
7	Mussel Inspired Highly Aligned Ti₃C₂T_x MXene Film with Synergistic Enhancement of Mechanical Strength and Ambient Stability. ACS Nano, 2020, 14, 11722-11732.	7.3	212
8	Self-Planarization of High-Performance Graphene Liquid Crystalline Fibers by Hydration. ACS Central Science, 2020, 6, 1105-1114.	5.3	16
9	Nanoscale Assembly of 2D Materials for Energy and Environmental Applications. Advanced Materials, 2020, 32, e1907006.	11.1	106
10	Electromagnetic Interference Shielding: Electromagnetic Shielding of Monolayer MXene Assemblies (Adv. Mater. 9/2020). Advanced Materials, 2020, 32, 2070064.	11.1	16
11	Electromagnetic Shielding of Monolayer MXene Assemblies. Advanced Materials, 2020, 32, e1906769.	11.1	410
12	Conformal 3D Nanopatterning by Block Copolymer Lithography with Vapor-Phase Deposited Neutral Adlayer. ACS Nano, 2019, 13, 13092-13099.	7.3	15
13	Cobalt Based Nanoparticles Embedded Reduced Graphene Oxide Aerogel for Hydrogen Evolution Electrocatalyst. Particle and Particle Systems Characterization, 2019, 36, 1900090.	1.2	11
14	2D Nanopatterning: 2D Metal Chalcogenide Nanopatterns by Block Copolymer Lithography (Adv. Funct.) Tj ETQq0 0 0 rgBT /Overlock 10	7.8	5
15	Graphene Fibers: Musselâ€Inspired Defect Engineering of Graphene Liquid Crystalline Fibers for Synergistic Enhancement of Mechanical Strength and Electrical Conductivity (Adv. Mater. 40/2018). Advanced Materials, 2018, 30, 1870298.	11.1	4
16	2D Metal Chalcogenide Nanopatterns by Block Copolymer Lithography. Advanced Functional Materials, 2018, 28, 1804508.	7.8	41
17	Graphene oxide liquid crystals: a frontier 2D soft material for graphene-based functional materials. Chemical Society Reviews, 2018, 47, 6013-6045.	18.7	121
18	Musselâ€Inspired Defect Engineering of Graphene Liquid Crystalline Fibers for Synergistic Enhancement of Mechanical Strength and Electrical Conductivity. Advanced Materials, 2018, 30, e1803267.	11.1	67

#	Article	IF	Citations
19	Controlled Segmentation of Metal Nanowire Array by Block Copolymer Lithography and Reversible Ion Loading. Small, 2017, 13, 1603939.	5.2	19
20	Amorphous Molybdenum Sulfide Deposited Graphene Liquid Crystalline Fiber for Hydrogen Evolution Reaction Catalysis. Particle and Particle Systems Characterization, 2017, 34, 1600375.	1.2	31
21	Ultrafast Interfacial Self-Assembly of 2D Transition Metal Dichalcogenides Monolayer Films and Their Vertical and In-Plane Heterostructures. ACS Applied Materials & Interfaces, 2017, 9, 1021-1028.	4.0	43
22	Electric field directed self-assembly of block copolymers for rapid formation of large-area complex nanopatterns. Molecular Systems Design and Engineering, 2017, 2, 560-566.	1.7	29
23	Liquid crystallinity driven highly aligned large graphene oxide composites. Journal of Solid State Chemistry, 2015, 224, 115-119.	1.4	17
24	Liquid Crystal Size Selection of Large-Size Graphene Oxide for Size-Dependent N-Doping and Oxygen Reduction Catalysis. ACS Nano, 2014, 8, 9073-9080.	7.3	116