

Chi Won Ahn

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,073
citations

759233

12
h-index

1058476

14
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docs citations

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times ranked

1199
citing authors

#	ARTICLE	IF	CITATIONS
1	Collectively Exhaustive MXene and Graphene Oxide Multilayer for Suppressing Shuttling Effect in Flexible Lithium Sulfur Battery. <i>Advanced Materials Technologies</i> , 2022, 7, 2101025.	5.8	14
2	Fabrication of junction-free Cu nanowire networks via Ru-catalyzed electroless deposition and their application to transparent conducting electrodes. <i>Nanotechnology</i> , 2022, 33, 065303.	2.6	3
3	Hollow Ti ₃ C ₂ MXene/Carbon Nanofibers as an Advanced Anode Material for Lithium-ion Batteries. <i>ChemElectroChem</i> , 2022, 9, .	3.4	18
4	Two-stage amplification of an ultrasensitive MXene-based intelligent artificial eardrum. <i>Science Advances</i> , 2022, 8, eabn2156.	10.3	62
5	Etching Mechanism of Monoatomic Aluminum Layers during MXene Synthesis. <i>Chemistry of Materials</i> , 2021, 33, 6346-6355.	6.7	102
6	Oxidation-resistant titanium carbide MXene films. <i>Journal of Materials Chemistry A</i> , 2020, 8, 573-581.	10.3	217
7	CO ₂ -Oxidized Ti ₃ C ₂ T _x MXenes Components for Lithium-Sulfur Batteries: Suppressing the Shuttle Phenomenon through Physical and Chemical Adsorption. <i>ACS Nano</i> , 2020, 14, 9744-9754.	14.6	88
8	Vertically Aligned Nanopatterns of Amine-Functionalized Ti ₃ C ₂ MXene via Soft Lithography. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000424.	3.7	20
9	Large-Area 2D-MXene Nanosheet Assemblies Using Langmuir-Schaefer Technique: Wrinkle formation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42294-42301.	8.0	23
10	Ti ₃ C ₂ T _x MXene for wearable energy devices: Supercapacitors and triboelectric nanogenerators. <i>APL Materials</i> , 2020, 8, .	5.1	30
11	Flexible Two-Dimensional Ti ₃ C ₂ MXene Films as Thermoacoustic Devices. <i>ACS Nano</i> , 2019, 13, 12613-12620.	14.6	53
12	Enhanced Selectivity of MXene Gas Sensors through Metal Ion Intercalation: In Situ X-ray Diffraction Study. <i>ACS Sensors</i> , 2019, 4, 1365-1372.	7.8	154
13	An investigation into the factors governing the oxidation of two-dimensional Ti ₃ C ₂ MXene. <i>Nanoscale</i> , 2019, 11, 8387-8393.	5.6	276
14	New approach for fabricating hybrid-structured metal mesh films for flexible transparent electrodes by the combination of electrospinning and metal deposition. <i>Nanotechnology</i> , 2016, 27, 475302.	2.6	13