Zahra Gholamvand

List of Publications by Year
in descending order

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15	2,505	933447 10	1125743 13
papers	citations	h-index	g-index

16	16	16	5198
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Liquid exfoliation of solvent-stabilized few-layer black phosphorus for applications beyond electronics. Nature Communications, 2015, 6, 8563.	12.8	921
2	Large-Scale Production of Size-Controlled MoS₂ Nanosheets by Shear Exfoliation. Chemistry of Materials, 2015, 27, 1129-1139.	6.7	389
3	Basal-Plane Functionalization of Chemically Exfoliated Molybdenum Disulfide by Diazonium Salts. ACS Nano, 2015, 9, 6018-6030.	14.6	293
4	Preparation of Gallium Sulfide Nanosheets by Liquid Exfoliation and Their Application As Hydrogen Evolution Catalysts. Chemistry of Materials, 2015, 27, 3483-3493.	6.7	195
5	Preparation and characterization of low fouling novel hybrid ultrafiltration membranes based on the blends of GOâ^'TiO2 nanocomposite and polysulfone for humic acid removal. Journal of Membrane Science, 2016, 506, 38-49.	8.2	183
6	Comparison of liquid exfoliated transition metal dichalcogenides reveals MoSe₂to be the most effective hydrogen evolution catalyst. Nanoscale, 2016, 8, 5737-5749.	5.6	127
7	Thickness Dependence and Percolation Scaling of Hydrogen Production Rate in MoS₂ Nanosheet and Nanosheetâ€“Carbon Nanotube Composite Catalytic Electrodes. ACS Nano, 2016, 10, 672-683.	14.6	116
8	Electrochemical Applications of Two-Dimensional Nanosheets: The Effect of Nanosheet Length and Thickness. Chemistry of Materials, 2016, 28, 2641-2651.	6.7	95
9	Effect of Percolation on the Capacitance of Supercapacitor Electrodes Prepared from Composites of Manganese Dioxide Nanoplatelets and Carbon Nanotubes. ACS Nano, 2014, 8, 9567-9579.	14.6	89
10	Photoluminescence from Liquidâ€Exfoliated WS₂ Monomers in Poly(Vinyl Alcohol) Polymer Composites. Advanced Functional Materials, 2016, 26, 1028-1039.	14.9	73
11	Activated Graphene Oxide-Calcium Alginate Beads for Adsorption of Methylene Blue and Pharmaceuticals. Materials, 2021, 14, 6343.	2.9	10
12	Siteâ€Selective Oxidation of Monolayered Liquidâ€Exfoliated WS₂ by Shielding the Basal Plane through Adsorption of a Facial Amphiphile. Angewandte Chemie, 2020, 132, 13889-13896.	2.0	7
13	Siteâ€Selective Oxidation of Monolayered Liquidâ€Exfoliated WS₂ by Shielding the Basal Plane through Adsorption of a Facial Amphiphile. Angewandte Chemie - International Edition, 2020, 59, 13785-13792.	13.8	7
14	Titelbild: Siteâ€Selective Oxidation of Monolayered Liquidâ€Exfoliated WS₂ by Shielding the Basal Plane through Adsorption of a Facial Amphiphile (Angew. Chem. 33/2020). Angewandte Chemie, 2020, 132, 13769-13769.	2.0	0
15	Defining Swelling Kinetics in Block Copolymer Thin Films: The Critical Role of Temperature and Vapour Pressure Ramp. Polymers, 2021, 13, 4238.	4.5	0