

# Weimiao Wang

## List of Publications by Year in descending order

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11  
papers

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citations

1040056

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#	ARTICLE	IF	CITATIONS
1	Fluorographene with High Fluorine/Carbon Ratio: A Nanofiller for Preparing Low- $\hat{\nu}$ Polyimide Hybrid Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 16182-16188.	8.0	85
2	Characterization of Conformation and Locations of C-F Bonds in Graphene Derivative by Polarized ATR-FTIR. <i>Analytical Chemistry</i> , 2016, 88, 3926-3934.	6.5	63
3	Controllable defluorination of fluorinated graphene and weakening of C-F bonding under the action of nucleophilic dipolar solvent. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 3285-3293.	2.8	54
4	Activation effect of porous structure on fluorination of graphene based materials with large specific surface area at mild condition. <i>Carbon</i> , 2017, 124, 288-295.	10.3	35
5	One-Step Preparation of Oxygen/Fluorine Dual Functional MWCNTs with Good Water Dispersibility by the Initiation of Fluorine Gas. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 7991-7999.	8.0	23
6	Reinforcement of Polymer-Based Nanocomposites by Thermally Conductive and Electrically Insulating Boron Nitride Nanotubes. <i>ACS Applied Nano Materials</i> , 2020, 3, 364-374.	5.0	18
7	Defluorination-assisted heteroatom doping reaction with ammonia gas for synthesis of nitrogen-doped porous graphitized carbon. <i>Chemical Engineering Journal</i> , 2018, 354, 261-268.	12.7	13
8	Interlayer and interfacial stress transfer in hBN nanosheets. <i>2D Materials</i> , 2021, 8, 035058.	4.4	13
9	Mechanisms of reinforcement of PVA-Based nanocomposites by hBN nanosheets. <i>Composites Science and Technology</i> , 2022, 218, 109131.	7.8	10
10	Nitrogen-Doping Chemical Behavior of Graphene Materials with Assistance of Defluorination. <i>Journal of Physical Chemistry C</i> , 2019, 123, 584-592.	3.1	9
11	Room-temperature synthesis of water-dispersible sulfur-doped reduced graphene oxide without stabilizers. <i>RSC Advances</i> , 2020, 10, 26460-26466.	3.6	5