

Exploring Two-Dimensional Materials toward the Next- Monomer Design to Assembly Control

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Phase transformation in two-dimensional covalent organic frameworks under compressive loading. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 29462-29471.	1.3	15
2	Facile synthesis of highly conductive MoS ₂ /graphene nanohybrids with hetero-structures as excellent microwave absorbers. <i>RSC Advances</i> , 2018, 8, 36616-36624.	1.7	15
3	Graphene and Other 2D Layered Hybrid Nanomaterial-Based Films: Synthesis, Properties, and Applications. <i>Coatings</i> , 2018, 8, 419.	1.2	9
4	Controllable Growth of Graphene on Liquid Surfaces. <i>Advanced Materials</i> , 2019, 31, e1800690.	11.1	47
5	An Insight into the Phase Transformation of WS ₂ upon Fluorination. <i>Advanced Materials</i> , 2018, 30, e1803366.	11.1	26
6	Two-Dimensional Metallic/Semiconducting MoS ₂ under Biaxial Strain. <i>ACS Applied Nano Materials</i> , 2018, 1, 5562-5570.	2.4	11
7	Beyond ideal two-dimensional metals: Edges, vacancies, and polarizabilities. <i>Physical Review B</i> , 2018, 98, .	1.1	13
8	Tunable band gap of graphyne-based homo- and hetero-structures by stacking sequences, strain and electric field. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 26934-26946.	1.3	16
9	Naphthalene Diimide Ammonium Directed Single-Crystalline Perovskites with atypical Ambipolar Charge Transport Signatures in Two-Dimensional Limit. <i>ACS Applied Energy Materials</i> , 2018, 1, 4467-4472.	2.5	21
10	Liquid catalysts: an innovative solution to 2D materials in CVD processes. <i>Materials Horizons</i> , 2018, 5, 1021-1034.	6.4	19
11	Cu dimer anchored on C ₂ N monolayer: low-cost and efficient Bi-atom catalyst for CO oxidation. <i>Nanoscale</i> , 2018, 10, 15696-15705.	2.8	68
12	Two-Dimensional Materials for Antimicrobial Applications: Graphene Materials and Beyond. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3378-3410.	1.7	104
13	Antimonene: From Experimental Preparation to Practical Application. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1574-1584.	7.2	111
14	Engineering 2D Architectures toward High-Performance Micro-Supercapacitors. <i>Advanced Materials</i> , 2019, 31, e1802793.	11.1	202
15	Antimonen: von der experimentellen Herstellung zur praktischen Anwendung. <i>Angewandte Chemie</i> , 2019, 131, 1588-1599.	1.6	4
16	Edge-Modified Phosphorene Antidot Nanoflakes and Their van der Waals Heterojunctions for Solar Cell Applications. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20748-20756.	1.5	15
17	Synergistic additive-mediated CVD growth and chemical modification of 2D materials. <i>Chemical Society Reviews</i> , 2019, 48, 4639-4654.	18.7	108
18	Nitrogen mustard gas molecules and 1±-arsenene nanosheet interaction studies – A DFT insight. <i>Journal of Molecular Graphics and Modelling</i> , 2019, 92, 65-73.	1.3	23

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20	Layer-Number-Dependent Electronic and Optoelectronic Properties of 2D WSe ₂ -Organic Hybrid Heterojunction. Advanced Materials Interfaces, 2019, 6, 1900637.	1.9	18
21	Recent Progress on 2D Noble-Transition-Metal Dichalcogenides. Advanced Functional Materials, 2019, 29, 1904932.	7.8	186
22	Morphologically Tunable Square and Rectangular Nanosheets of a Simple Conjugated Homopolymer by Changing Solvents. Journal of the American Chemical Society, 2019, 141, 19138-19143.	6.6	52
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38	Perceptions on the adsorption of COPD biomarker vapors on violet phosphorene nanosheet - A first-principles study. <i>Journal of Molecular Graphics and Modelling</i> , 2019, 91, 22-29.	1.3	27
39	MXene-Contacted Silicon Solar Cells with 11.5% Efficiency. <i>Advanced Energy Materials</i> , 2019, 9, 1900180.	10.2	161
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