

Two-dimensional heterostructures for energy storage

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Highly Conductive Transition Metal Carbide/Carbonitride(MXene)@polystyrene Nanocomposites Fabricated by Electrostatic Assembly for Highly Efficient Electromagnetic Interference Shielding. <i>Advanced Functional Materials</i> , 2017, 27, 1702807.	7.8	620
2	2D Materials with Nanoconfined Fluids for Electrochemical Energy Storage. <i>Joule</i> , 2017, 1, 443-452.	11.7	104
3	Guidelines for Synthesis and Processing of Two-Dimensional Titanium Carbide (Ti ₃ C ₂ T _x MXene). <i>Chemistry of Materials</i> , 2017, 29, 7633-7644.	3.2	3,129
4	Elucidating the Intercalation Pseudocapacitance Mechanism of MoS ₂ –Carbon Monolayer Interoverlapped Superstructure: Toward High-Performance Sodium-Ion-Based Hybrid Supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32745-32755.	4.0	156
5	Titanium Disulfide: A Promising Low-Dimensional Electrode Material for Sodium Ion Intercalation for Seawater Desalination. <i>Chemistry of Materials</i> , 2017, 29, 9964-9973.	3.2	112
6	Recent advances in the nanoengineering of electrocatalysts for CO ₂ reduction. <i>Nanoscale</i> , 2018, 10, 6235-6260.	2.8	139
7	Facile Water-Based Strategy for Synthesizing MoO ₃ Nanosheets: Efficient Visible Light Photocatalysts for Dye Degradation. <i>ACS Omega</i> , 2018, 3, 2193-2201.	1.6	135
8	Dwindling the re-stacking by simultaneous exfoliation of boron nitride and decoration of Fe ₂ O ₃ nanoparticles using a solvothermal route. <i>New Journal of Chemistry</i> , 2018, 42, 5090-5095.	1.4	8
9	Nucleation front instability in two-dimensional (2D) nanosheet gadolinium-doped cerium oxide (CGO) formation. <i>CrystEngComm</i> , 2018, 20, 1405-1410.	1.3	5
10	Self-Activating, Capacitive Anion Intercalation Enables High-Power Graphite Cathodes. <i>Advanced Materials</i> , 2018, 30, e1800533.	11.1	121
11	A Nonaqueous Potassium-Based Battery–Supercapacitor Hybrid Device. <i>Advanced Materials</i> , 2018, 30, e1800804.	11.1	345
12	One-Dimensional Hetero-Nanostructures for Rechargeable Batteries. <i>Accounts of Chemical Research</i> , 2018, 51, 950-959.	7.6	87
13	One-step synthesis of 2D-layered carbon wrapped transition metal nitrides from transition metal carbides (MXenes) for supercapacitors with ultrahigh cycling stability. <i>Chemical Communications</i> , 2018, 54, 2755-2758.	2.2	59
14	Three-Dimensional Integrated X-ray Diffraction Imaging of a Native Strain in Multi-Layered WSe ₂ . <i>Nano Letters</i> , 2018, 18, 1993-2000.	4.5	9
15	Controllable Chemical Vapor Deposition Growth of Two-Dimensional Heterostructures. <i>CheM</i> , 2018, 4, 671-689.	5.8	84
16	Emergent Pseudocapacitance of 2D Nanomaterials. <i>Advanced Energy Materials</i> , 2018, 8, 1702930.	10.2	226
17	Recent Advances in Layered Ti ₃ C ₂ T _x MXene for Electrochemical Energy Storage. <i>Small</i> , 2018, 14, e1703419.	5.2	729
18	Three-Dimensional Network Architecture with Hybrid Nanocarbon Composites Supporting Few-Layer MoS ₂ for Lithium and Sodium Storage. <i>ACS Nano</i> , 2018, 12, 1592-1602.	7.3	275

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19	Improved capacity of redox-active functional carbon cathodes by dimension reduction for hybrid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3367-3375.	5.2	28
20	Beyond Insertion for Na ⁺ Ion Batteries: Nanostructured Alloying and Conversion Anode Materials. <i>Advanced Energy Materials</i> , 2018, 8, 1702582.	10.2	231
21	Nature-Inspired 2D-Mosaic 3D-Gradient Mesoporous Framework: Bimetal Oxide Dual-Composite Strategy toward Ultrastable and High-Capacity Lithium Storage. <i>ACS Nano</i> , 2018, 12, 2035-2047.	7.3	40
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26	MoS ₂ MXene Heterostructures as Highly Reversible Anode Materials for Lithium Ion Batteries. <i>Angewandte Chemie</i> , 2018, 130, 1864-1868.	1.6	67
27	MoS ₂ MXene Heterostructures as Highly Reversible Anode Materials for Lithium Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1846-1850.	7.2	520
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30	Emerging Robust Heterostructure of MoS ₂ rGO for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16588-16595.	4.0	163
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32	2D Titanium Carbide/Reduced Graphene Oxide Heterostructures for Supercapacitor Applications. <i>Batteries and Supercaps</i> , 2018, 1, 33-38.	2.4	72
33	Probing Battery Electrochemistry with In Operando Synchrotron X-Ray Imaging Techniques. <i>Small Methods</i> , 2018, 2, 1700293.	4.6	52
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36	Defining Diffusion Pathways in Intercalation Cathode Materials: Some Lessons from V ₂ O ₅ on Directing Cation Traffic. <i>ACS Energy Letters</i> , 2018, 3, 915-931.	8.8	79

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38	2D MXene/SnS ₂ composites as high-performance anodes for sodium ion batteries. Chemical Engineering Journal, 2018, 334, 932-938.	6.6	230
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