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List of articles citing

Few-layer MoS<sub>2</sub> nanosheets coated onto multi-walled carbon nanotubes as a low-cost and highly electrocatalytic counter electrode for dye-sensitized solar cells

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#	Paper	IF	Citations
198	Pyrite nanorod arrays as an efficient counter electrode for dye-sensitized solar cells. <b>2013</b> , 1, 11828		52
197	Flexible and robust MoS <sub>2</sub> -graphene hybrid paper cross-linked by a polymer ligand: a high-performance anode material for thin film lithium-ion batteries. <b>2013</b> , 49, 10305-7		120
196	CoS <sub>2</sub> /graphene composite as efficient catalytic counter electrode for dye-sensitized solar cell. <i>Electrochimica Acta</i> , <b>2013</b> , 114, 173-179	6.7	65
195	Vertically aligned anatase TiO <sub>2</sub> nanowire bundle arrays: Use as Pt support for counter electrodes in dye-sensitized solar cells. <i>Journal of Power Sources</i> , <b>2013</b> , 238, 350-355	8.9	14
194	Electrophoretic deposition of transparent MoS <sub>2</sub> -graphene nanosheet composite films as counter electrodes in dye-sensitized solar cells. <b>2013</b> , 49, 1440-2		163
193	Enhanced field-emission behavior of layered MoS <sub>2</sub> sheets. <i>Small</i> , <b>2013</b> , 9, 2730-4	11	173
192	Cathodic Deposition of Flaky Nickel Sulfide Nanostructure as an Electroactive Material for High-Performance Supercapacitors. <i>Journal of the Electrochemical Society</i> , <b>2013</b> , 160, D178-D182	3.9	186
191	A counter electrode of multi-wall carbon nanotubes decorated with tungsten sulfide used in dye-sensitized solar cells. <b>2013</b> , 55, 1-9		111
190	Two-Dimensional Molybdenum Trioxide and Dichalcogenides. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 3952-3970	15.6	378
189	In Situ Deposition and Characterization of MoS <sub>2</sub> Nanolayers on Carbon Nanofibers and Nanotubes. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 10135-10142	3.8	35
188	Improved growth behavior of atomic-layer-deposited high-k dielectrics on multilayer MoS <sub>2</sub> by oxygen plasma pretreatment. <b>2013</b> , 5, 4739-44		137
187	Optically transparent counter electrode for dye-sensitized solar cells based on cobalt sulfide nanosheet arrays. <i>Electrochimica Acta</i> , <b>2013</b> , 107, 66-70	6.7	32
186	Facile fabrication of MoS <sub>2</sub> /PEDOT/PSS composites as low-cost and efficient counter electrodes for dye-sensitized solar cells. <b>2014</b> , 279, 47-51		36
185	Layered transition metal dichalcogenides for electrochemical energy generation and storage. <b>2014</b> , 2, 8981-8987		477
184	Graphene oxide sheet-polyaniline nanocomposite prepared through in-situ polymerization/deposition method for counter electrode of dye-sensitized solar cell. <b>2014</b> , 21, 1		26
183	Recent Progress of Counter Electrode Catalysts in Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 16727-16742	3.8	218
182	Bifunctional One-Dimensional Hierarchical Nanostructures Composed of Cobalt Sulfide Nanoclusters on Carbon Nanotubes Backbone for Dye-Sensitized Solar Cells and Supercapacitors. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 823-830	3.8	50

181	Lithium ion battery applications of molybdenum disulfide (MoS <sub>2</sub> ) nanocomposites. <b>2014</b> , 7, 209-231		1017
180	Morphology dependence of molybdenum disulfide transparent counter electrode in dye-sensitized solar cells. <b>2014</b> , 2, 3919		129
179	Direct synthesis of cobalt nanoparticle-embedded mesoporous carbons for high-performance dye-sensitized solar cell counter electrodes. <b>2014</b> , 2, 10312-10321		40
178	Layered double hydroxides as an effective additive in polymer gelled electrolyte based dye-sensitized solar cells. <b>2014</b> , 6, 17518-25		26
177	A novel facile synthesis and characterization of heterostructures composed of carbon nanotubes and few-layer molybdenum disulfide sheets containing organic interlayers. <b>2014</b> , 76, 26-35		3
176	PEG-assisted Synthesis of Homogeneous Carbon Nanotubes-MoS <sub>2</sub> -Carbon as a Counter Electrode for Dye-sensitized Solar Cells. <i>Electrochimica Acta</i> , <b>2014</b> , 144, 119-126	6.7	38
175	Ni <sub>3</sub> S <sub>2</sub> /Ni-P bilayer coated on polyimide as a Pt- and TCO-free flexible counter electrode for dye-sensitized solar cells. <b>2014</b> , 6, 3357-64		38
174	PEDOT:PSS and glucose assisted preparation of molybdenum disulfide/single-wall carbon nanotubes counter electrode and served in dye-sensitized solar cells. <i>Electrochimica Acta</i> , <b>2014</b> , 142, 68-75	6.7	27
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171	Gemini surfactant assisted hydrothermal synthesis of nanotile-like MoS <sub>2</sub> /graphene hybrid with enhanced lithium storage performance. <b>2014</b> , 10, 144-152		103
170	Coordination-driven hierarchical assembly of silver nanoparticles on MoS <sub>2</sub> nanosheets for improved lithium storage. <b>2014</b> , 9, 1519-24		53
169	Investigation of carbon nanotubes decorated with cobalt sulfides of different phases as nanocomposite catalysts in dye-sensitized solar cells. <i>Electrochimica Acta</i> , <b>2014</b> , 143, 216-221	6.7	14
168	Heat-induced formation of porous and free-standing MoS <sub>2</sub> /GS hybrid electrodes for binder-free and ultralong-life lithium ion batteries. <b>2014</b> , 8, 183-195		117
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166	Effect of percolation on the capacitance of supercapacitor electrodes prepared from composites of manganese dioxide nanoplatelets and carbon nanotubes. <b>2014</b> , 8, 9567-79		82
165	Synthesis of nickel sulfides of different phases for counter electrodes in dye-sensitized solar cells by a solvothermal method with different solvents. <b>2014</b> , 29, 935-941		27
164	The production of cobalt sulfide/graphene composite for use as a low-cost counter-electrode material in dye-sensitized solar cells. <i>Journal of Power Sources</i> , <b>2014</b> , 269, 473-478	8.9	48

163	Cationic surfactant-assisted hydrothermal synthesis of few-layer molybdenum disulfide/graphene composites: Microstructure and electrochemical lithium storage. <i>Journal of Power Sources</i> , <b>2014</b> , 264, 262-271	8.9	75
162	In situ electropolymerization of polyaniline/cobalt sulfide decorated carbon nanotube composite catalyst toward triiodide reduction in dye-sensitized solar cells. <i>Journal of Power Sources</i> , <b>2014</b> , 266, 448-455	8.9	36
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160	Redox-active Hydroxy-TEMPO Radical Immobilized in Nafion Layer for an Aqueous Electrolyte-based and Dye-sensitized Solar Cell. <b>2014</b> , 43, 480-482		18
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158	High-Performance Platinum-Free Dye-Sensitized Solar Cells with Molybdenum Disulfide Films as Counter Electrodes. <b>2015</b> , 16, 3959-65		22
157	Flowerlike molybdenum sulfide/multi-walled carbon nanotube hybrid as Pt-free counter electrode used in dye-sensitized solar cells. <i>Electrochimica Acta</i> , <b>2015</b> , 173, 252-259	6.7	55
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153	Controlling available active sites of Pt-loaded TiO <sub>2</sub> nanotube-imprinted Ti plates for efficient dye-sensitized solar cells. <b>2015</b> , 7, 3910-9		14
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127	Preparation of Ultrathin 2D MoS <sub>2</sub> /Graphene Heterostructure Assembled Foam-like Structure with Enhanced Electrochemical Performance for Lithium-ion Batteries. <i>Electrochimica Acta</i> , <b>2016</b> , 206, 184-191	6.7	73
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101	On demand rapid patterning of colored amorphous molybdenum oxide using a focused laser beam. <b>2017</b> , 5, 2090-2097		14
100	Microwave assisted synthesis of MoS <sub>2</sub> /nitrogen-doped carbon shell core microspheres for Pt-free dye-sensitized solar cells. <i>RSC Advances</i> , <b>2017</b> , 7, 13433-13437	3.7	5
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73	. 2018,		2
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68	Carbon Nanotube Electrocatalysts for I-Mediated Dye-Sensitized Solar Cells. <b>2018</b> , 93-121		
67	Si <sub>3</sub> N <sub>4</sub> /MoS <sub>2</sub> -PEDOT: PSS composite counter electrode for bifacial dye-sensitized solar cells. <i>Solar Energy</i> , <b>2018</b> , 173, 1135-1143	6.8	16
66	Cell Efficiency Table of DSSCs with Various Counter Electrode Electrocatalysts. <b>2018</b> , 531-617		1
65	Electrospinning synthesis of high performance carbon nanofiber coated flower-like MoS <sub>2</sub> nanosheets for dye-sensitized solar cells counter electrode. <i>Electrochimica Acta</i> , <b>2018</b> , 280, 94-100	6.7	32
64	Free-standing graphene/NiMoS paper as cathode for quasi-solid state dye-sensitized solar cells. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 530, 179-188	9.3	21
63	Three-dimensional MoO <sub>2</sub> @few-layered MoS <sub>2</sub> covered by S-doped graphene aerogel for enhanced lithium ion storage. <i>Electrochimica Acta</i> , <b>2018</b> , 283, 619-627	6.7	34
62	CuS/WS <sub>2</sub> and CuS/MoS <sub>2</sub> heterostructures for high performance counter electrodes in dye-sensitized solar cells. <i>Solar Energy</i> , <b>2018</b> , 171, 122-129	6.8	26
61	2.6 Dye-Sensitized Materials. <b>2018</b> , 150-181		1
60	A MoS <sub>2</sub> /sulfur-doped carbon sphere nanohybrid catalyst with high-efficiency electrocatalysis for flexible counter electrodes. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 767, 848-855	5.7	6
59	Synthesis, properties, and optoelectronic applications of two-dimensional MoS and MoS-based heterostructures. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 6101-6127	58.5	189
58	Engineering graphene and TMDs based van der Waals heterostructures for photovoltaic and photoelectrochemical solar energy conversion. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 4981-5037	58.5	226
57	One step hydrothermal synthesis of vertical Ni-Mo-S nanosheet array as the counter electrode for FDSC. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 764, 890-894	5.7	4
56	Optimizing multi-walled carbon nanotubes as a low-cost and highly electrocatalytic counter electrode for QDSCs. <i>Electrochimica Acta</i> , <b>2019</b> , 297, 576-581	6.7	5

55	Challenges and recent advancements of functionalization of two-dimensional nanostructured molybdenum trioxide and dichalcogenides. <i>Nanoscale</i> , <b>2019</b> , 11, 15709-15738	7.7	15
54	Design of WSe <sub>2</sub> /MoS <sub>2</sub> Heterostructures as the Counter Electrode to Replace Pt for Dye-Sensitized Solar Cell. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 13195-13205	8.3	33
53	Synthesis of MoS <sub>2</sub> /MoO <sub>2</sub> /MWCNTs counter electrode for high-efficient dye-sensitized solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 20778-20788	2.1	4
52	Green and simple preparation of carbon-coated iron pyrite thin films for solar cells application. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 19752-19759	2.1	3
51	High air humidity is sufficient for successful egg incubation and early post-embryonic development in the marbled crayfish ( <i>Procambarus virginalis</i> ). <i>Freshwater Biology</i> , <b>2019</b> , 64, 1603-1612	3.1	12
50	Molybdenum disulfide/reduced graphene oxide hybrids with enhanced electrocatalytic activity: An efficient counter electrode for dye-sensitized solar cells. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 847, 113236	4.1	13
49	Mo <sub>2</sub> C-based binary and ternary nanocomposites as high-efficiency counter electrodes for dye-sensitized solar cells. <i>Ceramics International</i> , <b>2019</b> , 45, 15589-15595	5.1	20
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47	Freestanding and Hierarchically Structured Au-Dendrites/3D-Graphene Scaffold Supports Highly Active and Stable Ni <sub>3</sub> S <sub>2</sub> Electrocatalyst toward Overall Water Splitting. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 3708-3716	6.1	20
46	WS Nano-petals and Nano-bristles Supported on Carbon Nanotubes for Electron Emission Applications. <i>Scientific Reports</i> , <b>2019</b> , 9, 3672	4.9	4
45	Edge-terminated few-layer MoS <sub>2</sub> nanoflakes supported on TNAs@C with enhanced electrocatalysis activity for iodine reduction reaction. <i>Materials Today Nano</i> , <b>2019</b> , 6, 100033	9.7	11
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- 1 Activated carbon incorporated graphene oxide with SnO<sub>2</sub> and TiO<sub>2</sub>-Zn nanocomposite for supercapacitor application. **2023**, 952, 169907

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