

# Atomic mechanism of the semiconducting-to-metallic phase transition in MoS<sub>2</sub>

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Citation Report

#	ARTICLE	IF	CITATIONS
4	Electrical Switching in Thin Film Structures Based on Molybdenum Oxides. Journal of Experimental Physics, 2014, 2014, 1-6.	1.1	14
5	Electrochemistry of Transition Metal Dichalcogenides: Strong Dependence on the Metal-to-Chalcogen Composition and Exfoliation Method. ACS Nano, 2014, 8, 12185-12198.	7.3	288
6	Ab initio characterization of layered MoS <sub>2</sub> as anode for sodium-ion batteries. Journal of Power Sources, 2014, 268, 279-286.	4.0	377
7	Ternary CuIn <sub>7</sub> Se <sub>11</sub> : Towards Ultra-Thin Layered Photodetectors and Photovoltaic Devices. Advanced Materials, 2014, 26, 7666-7672.	11.1	43
8	A phase transition glides into view. Nature Nanotechnology, 2014, 9, 333-334.	15.6	10
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10	Polytype and Stacking Faults in the Li <sub>2</sub> CoSiO <sub>4</sub> Li-ion Battery Cathode. Chemistry - A European Journal, 2014, 20, 16210-16215.	1.7	5
11	Atomic-Scale Clarification of Structural Transition of MoS <sub>2</sub> upon Sodium Intercalation. ACS Nano, 2014, 8, 11394-11400.	7.3	355
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13	Ultrafast Electronic and Structural Response of Monolayer MoS <sub>2</sub> under Intense Photoexcitation Conditions. ACS Nano, 2014, 8, 10734-10742.	7.3	49
14	Lateral heterojunctions within monolayer MoSe <sub>2</sub> /WSe <sub>2</sub> semiconductors. Nature Materials, 2014, 13, 1096-1101.	13.3	872
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21	Structural, mechanical and electronic properties of in-plane 1T/2H phase interface of MoS <sub>2</sub> heterostructures. AIP Advances, 2015, 5, .	0.6	37

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23	Stable Metallic 1T-Ws <sub>2</sub> Nanoribbons Intercalated with Ammonia Ions: The Correlation between Structure and Electrical/Optical Properties. Advanced Materials, 2015, 27, 4837-4844.	11.1	207
24	Atomic Defects in Two Dimensional Materials. Advanced Materials, 2015, 27, 5771-5777.	11.1	88
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41	Graphene versus MoS <sub>2</sub> : A short review. <i>Frontiers of Physics</i> , 2015, 10, 287-302.	2.4	176
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