2D materials advances: from large scale synthesis and c improved characterization techniques, defects and appl

2D Materials

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Citation Report

#	Article	IF	Citations
1	Review Article: Progress in fabrication of transition metal dichalcogenides heterostructure systems. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2017, 35, 030803.	0.6	94
2	Two-dimensional MoS₂ under ion irradiation: from controlled defect production to electronic structure engineering. 2D Materials, 2017, 4, 025078.	2.0	146
3	Richardson constant and electrostatics in transfer-free CVD grown few-layer MoS2/graphene barristor with Schottky barrier modulation >0.6eV. Applied Physics Letters, 2017, 111, .	1.5	24
4	Mid-Wave Infrared Photoconductors Based on Black Phosphorus-Arsenic Alloys. ACS Nano, 2017, 11, 11724-11731.	7.3	184
5	Electronic, Magnetic, and Catalytic Properties of Thermodynamically Stable Two-Dimensional Transition-Metal Phosphides. Chemistry of Materials, 2017, 29, 8892-8900.	3.2	72
6	Solution synthesis of few-layer WTe₂and Mo_xW_{1â^'x}Te₂nanostructures. Journal of Materials Chemistry C, 2017, 5, 11317-11323.	2.7	23
7	Recent advances in investigations of the electronic and optoelectronic properties of group III, IV, and V selenide based binary layered compounds. Journal of Materials Chemistry C, 2017, 5, 11214-11225.	2.7	34
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