

A roadmap for electronic grade 2D materials

2D Materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Computational Design of Two-Dimensional Materials. Journal of Chemical Education, 2019, 96, 2308-2314.	1.1	8
2	Enhancing Photoluminescence and Mobilities in WS ₂ Monolayers with Oleic Acid Ligands. Nano Letters, 2019, 19, 6299-6307.	4.5	80
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5	Multi-scale modeling of gas-phase reactions in metal-organic chemical vapor deposition growth of WSe ₂ . Journal of Crystal Growth, 2019, 527, 125247.	0.7	59
6	Energy transfer times in fluorographene-based biomimetic light harvesting antennae. Chemical Physics, 2019, 527, 110477.	0.9	4
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8	Eliminating Trap States and Functionalizing Vacancies in 2D Semiconductors by Electrochemistry. Small, 2019, 15, e1901899.	5.2	8
9	Infrared ultrafast spectroscopy of solution-grown thin film tellurium. Physical Review B, 2019, 100, .	1.1	13
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19	Intrinsic Capabilities for Digital Switching of Silicene Nanoribbons With Edge Defects. IEEE Transactions on Electron Devices, 2020, 67, 354-359.	1.6	11
20	Importance of the substrate's surface evolution during the MOVPE growth of 2D-transition metal dichalcogenides. Nanotechnology, 2020, 31, 125604.	1.3	15
21	Electron Mobility in Defective Nanoribbons of Monoelemental 2D Materials. IEEE Electron Device Letters, 2020, 41, 151-154.	2.2	29
22	Directed Energy Transfer from Monolayer WS ₂ to Near-Infrared Emitting PbS/CdS Quantum Dots. ACS Nano, 2020, 14, 15374-15384.	7.3	28
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