

Xin-Yuan Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

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citations

1937685

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1872680

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times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of HfO ₂ encapsulation on electrical performances of few-layered MoS ₂ transistor with ALD HfO ₂ as back-gate dielectric. Nanotechnology, 2018, 29, 345201.	2.6	30
2	Improved Electrical Properties of Top-Gate MoS ₂ Transistor With NH ₃ -Plasma Treated HfO ₂ as Gate Dielectric. IEEE Electron Device Letters, 2020, 41, 1364-1367.	3.9	6
3	Influence of Si-Substrate Concentration on Electrical Properties of Back- and Top-Gate MoS ₂ Transistors. IEEE Transactions on Electron Devices, 2021, 68, 3087-3090.	3.0	5
4	Repair of Oxygen Vacancies and Improvement of HfO ₂ /MoS ₂ Interface by NH ₃ -Plasma Treatment. IEEE Transactions on Electron Devices, 2019, 66, 4337-4342.	3.0	4
5	Improved electrical performance of multilayer MoS ₂ transistor by incorporating Al into host HfO ₂ as gate dielectric. Applied Physics Express, 2019, 12, 064005.	2.4	4
6	Improved Interfacial and Electrical Properties of MoS ₂ Transistor With High/Low-Temperature Grown Hf _{0.5} Al _{0.5} O ₂ as Top-Gate Dielectric. IEEE Electron Device Letters, 2020, 41, 385-388.	3.9	4