

Matthew C Robbins

List of Publications by Year in descending order

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papers

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1684188

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2053705

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6
docs citations

6
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	Black Phosphorus p-MOSFETs With 7-nm HfO ₂ Gate Dielectric and Low Contact Resistance. IEEE Electron Device Letters, 2015, 36, 411-413.	3.9	79
2	Dynamic Memory Cells Using MoS ₂ Field-Effect Transistors Demonstrating Femtoampere Leakage Currents. ACS Nano, 2016, 10, 8457-8464.	14.6	44
3	Black Phosphorus p- and n-MOSFETs With Electrostatically Doped Contacts. IEEE Electron Device Letters, 2017, 38, 285-288.	3.9	28
4	Cyclical Thinning of Black Phosphorus with High Spatial Resolution for Heterostructure Devices. ACS Applied Materials & Interfaces, 2017, 9, 12654-12662.	8.0	17
5	Crystal-oriented black phosphorus TFETs with strong band-to-band-tunneling anisotropy and subthreshold slope nearing the thermionic limit. , 2017, , .		7
6	Right-Angle Black Phosphorus Tunneling Field Effect Transistor. IEEE Electron Device Letters, 2019, 40, 1988-1991.	3.9	7