

Yury Illarionov

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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times ranked

373
citing authors

#	ARTICLE	IF	CITATIONS
1	Perspective of 2D Integrated Electronic Circuits: Scientific Pipe Dream or Disruptive Technology?. <i>Advanced Materials</i> , 2022, 34, e2201082.	21.0	24
2	Transistors based on two-dimensional materials for future integrated circuits. <i>Nature Electronics</i> , 2021, 4, 786-799.	26.0	335
3	Engineering Field Effect Transistors with 2D Semiconducting Channels: Status and Prospects. <i>Advanced Functional Materials</i> , 2020, 30, 1901971.	14.9	58
4	Fabrication of scalable and ultra low power photodetectors with high light/dark current ratios using polycrystalline monolayer MoS ₂ sheets. <i>Nano Energy</i> , 2016, 30, 494-502.	16.0	19
5	Hot-Carrier Degradation and Bias-Temperature Instability in Single-Layer Graphene Field-Effect Transistors: Similarities and Differences. <i>IEEE Transactions on Electron Devices</i> , 2015, 62, 3876-3881.	3.0	23