

Yury Illarionov

List of Publications by Year in descending order

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5
papers

459
citations

1684188

5
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

373
citing authors

#	ARTICLE	IF	CITATIONS
1	Transistors based on two-dimensional materials for future integrated circuits. Nature Electronics, 2021, 4, 786-799.	26.0	335
2	Engineering Field Effect Transistors with 2D Semiconducting Channels: Status and Prospects. Advanced Functional Materials, 2020, 30, 1901971.	14.9	58
3	Perspective of 2D Integrated Electronic Circuits: Scientific Pipe Dream or Disruptive Technology?. Advanced Materials, 2022, 34, e2201082.	21.0	24
4	Hot-Carrier Degradation and Bias-Temperature Instability in Single-Layer Graphene Field-Effect Transistors: Similarities and Differences. IEEE Transactions on Electron Devices, 2015, 62, 3876-3881.	3.0	23
5	Fabrication of scalable and ultra low power photodetectors with high light/dark current ratios using polycrystalline monolayer MoS2 sheets. Nano Energy, 2016, 30, 494-502.	16.0	19