

Johannes Aprojanz

List of Publications by Year in descending order

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19
papers

543
citations

840776

11
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

1004
citing authors

#	ARTICLE	IF	CITATIONS
1	Firing-Stable PECVD SiO _x /N _y /n-Poly-Si Surface Passivation for Silicon Solar Cells. ACS Applied Energy Materials, 2021, 4, 4646-4653.	5.1	22
2	Topological Surface State in Epitaxial Zigzag Graphene Nanoribbons. Nano Letters, 2021, 21, 2876-2882.	9.1	10
3	One-dimensional confinement and width-dependent bandgap formation in epitaxial graphene nanoribbons. Nature Communications, 2020, 11, 6380.	12.8	43
4	Nanoscale imaging of electric pathways in epitaxial graphene nanoribbons. Nano Research, 2019, 12, 1697-1702.	10.4	3
5	Noninvasive coupling of PbPc monolayers to epitaxial graphene on SiC(0001). Surface Science, 2019, 686, 45-51.	1.9	6
6	Wafer Scale Growth and Characterization of Edge Specific Graphene Nanoribbons for Nanoelectronics. ACS Applied Nano Materials, 2019, 2, 156-162.	5.0	22
7	Homogeneous Large-Area Quasi-Free-Standing Monolayer and Bilayer Graphene on SiC. ACS Applied Nano Materials, 2019, 2, 844-852.	5.0	24
8	Minimum Resistance Anisotropy of Epitaxial Graphene on SiC. ACS Applied Materials & Interfaces, 2018, 10, 6039-6045.	8.0	47
9	1D ballistic transport channel probed by invasive and non-invasive contacts. Applied Physics Letters, 2018, 113, .	3.3	5
10	Ge ₂ Pt hut clusters: A substrate for germanene. Journal of Applied Physics, 2018, 124, .	2.5	12
11	Ballistic tracks in graphene nanoribbons. Nature Communications, 2018, 9, 4426.	12.8	45
12	Quasi-free-standing bilayer graphene nanoribbons probed by electronic transport. Applied Physics Letters, 2017, 110, .	3.3	11
13	Metallic Twin Grain Boundaries Embedded in MoSe ₂ Monolayers Grown by Molecular Beam Epitaxy. ACS Nano, 2017, 11, 5130-5139.	14.6	83
14	Highly anisotropic electric conductivity in PAN-based carbon nanofibers. Journal of Physics Condensed Matter, 2017, 29, 494002.	1.8	11
15	Graphene Ribbon Growth on Structured Silicon Carbide. Annalen Der Physik, 2017, 529, 1700052.	2.4	11
16	Comeback of epitaxial graphene for electronics: large-area growth of bilayer-free graphene on SiC. 2D Materials, 2016, 3, 041002.	4.4	135
17	Electron Interference in Ballistic Graphene Nanoconstrictions. Physical Review Letters, 2016, 116, 186602.	7.8	24
18	Growth and characterization of sidewall graphene nanoribbons. Applied Physics Letters, 2015, 106, .	3.3	29

#	ARTICLE	IF	CITATIONS
19	Electronic transport in graphene nanoribbons. , 0, , .		0