

D Kurt Gaskill

List of Publications by Year in descending order

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11
papers

378
citations

1040056

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h-index

1281871

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all docs

11
docs citations

11
times ranked

800
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlating Raman Spectral Signatures with Carrier Mobility in Epitaxial Graphene: A Guide to Achieving High Mobility on the Wafer Scale. <i>Nano Letters</i> , 2009, 9, 2873-2876.	9.1	177
2	Structural consequences of hydrogen intercalation of epitaxial graphene on SiC(0001). <i>Applied Physics Letters</i> , 2014, 105, .	3.3	49
3	Narrow plasmon resonances enabled by quasi-freestanding bilayer epitaxial graphene. <i>2D Materials</i> , 2017, 4, 025034.	4.4	35
4	Freestanding n-Doped Graphene via Intercalation of Calcium and Magnesium into the Buffer Layerâ€“SiC(0001) Interface. <i>Chemistry of Materials</i> , 2020, 32, 6464-6482.	6.7	28
5	p-Type Epitaxial Graphene on Cubic Silicon Carbide on Silicon for Integrated Silicon Technologies. <i>ACS Applied Nano Materials</i> , 2020, 3, 830-841.	5.0	18
6	Plasma-Modified, Epitaxial Fabricated Graphene on SiC for the Electrochemical Detection of TNT. <i>Sensors</i> , 2016, 16, 1281.	3.8	17
7	In search of quantum-limited contact resistance: understanding the intrinsic and extrinsic effects on the grapheneâ€“metal interface. <i>2D Materials</i> , 2016, 3, 025013.	4.4	13
8	Electrical leakage phenomenon in heteroepitaxial cubic silicon carbide on silicon. <i>Journal of Applied Physics</i> , 2018, 123, .	2.5	13
9	Electronic and Transport Properties of Epitaxial Graphene on SiC and 3C-SiC/Si: A Review. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4350.	2.5	11
10	Magnesium-intercalated graphene on SiC: Highly n-doped air-stable bilayer graphene at extreme displacement fields. <i>Applied Surface Science</i> , 2021, 541, 148612.	6.1	11
11	Increasing the Rate of Magnesium Intercalation Underneath Epitaxial Graphene on 6Hâ€“SiC(0001). <i>Advanced Materials Interfaces</i> , 2021, 8, 2101598.	3.7	6