

Kevin G Crawford

List of Publications by Year in descending order

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12
papers

452
citations

933447

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h-index

1199594

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all docs

12
docs citations

12
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	High synergy atomic layer etching of AlGaIn/GaN with HBr and Ar. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, 042601.	2.1	3
2	Surface transfer doping of diamond: A review. Progress in Surface Science, 2021, 96, 100613.	8.3	80
3	Thermal performance of diamond field-effect transistors. Applied Physics Letters, 2021, 119, 143502.	3.3	10
4	Structural and electronic properties of 2D (graphene, hBN)/H-terminated diamond (100) heterostructures. Applied Physics Letters, 2020, 117, .	3.3	19
5	Diamond Field-Effect Transistors With V_{2O5} -Induced Transfer Doping: Scaling to 50-nm Gate Length. IEEE Transactions on Electron Devices, 2020, 67, 2270-2275.	3.0	23
6	Optimization of Ohmic Contact for AlGaIn/GaN HEMT on Low-Resistivity Silicon. IEEE Transactions on Electron Devices, 2020, 67, 863-868.	3.0	20
7	Thermally Stable, High Performance Transfer Doping of Diamond using Transition Metal Oxides. Scientific Reports, 2018, 8, 3342.	3.3	46
8	The role of hydrogen plasma power on surface roughness and carrier transport in transfer-doped H-diamond. Diamond and Related Materials, 2018, 84, 48-54.	3.9	20
9	Performance Enhancement of Al_2O_3 /H-Diamond MOSFETs Utilizing Vacuum Annealing and V_2O_5 as a Surface Electron Acceptor. IEEE Electron Device Letters, 2018, 39, 1354-1357.	3.9	16
10	The direct hydrothermal deposition of cobalt-doped MoS_2 onto fluorine-doped SnO_2 substrates for catalysis of the electrochemical hydrogen evolution reaction. Journal of Materials Chemistry A, 2017, 5, 1472-1480.	10.3	42
11	Enhanced surface transfer doping of diamond by V_2O_5 with improved thermal stability. Applied Physics Letters, 2016, 108, .	3.3	74
12	Surface transfer doping of diamond by MoO_3 : A combined spectroscopic and Hall measurement study. Applied Physics Letters, 2013, 103, 202112.	3.3	99