Kevin G Crawford

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1849523/publications.pdf

Version: 2024-02-01

12	452	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	570
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surface transfer doping of diamond by MoO₃: A combined spectroscopic and Hall measurement study. Applied Physics Letters, 2013, 103, 202112.	3.3	99
2	Surface transfer doping of diamond: A review. Progress in Surface Science, 2021, 96, 100613.	8.3	80
3	Enhanced surface transfer doping of diamond by V2O5 with improved thermal stability. Applied Physics Letters, 2016, 108, .	3.3	74
4	Thermally Stable, High Performance Transfer Doping of Diamond using Transition Metal Oxides. Scientific Reports, 2018, 8, 3342.	3.3	46
5	The direct hydrothermal deposition of cobalt-doped MoS₂ onto fluorine-doped SnO₂ substrates for catalysis of the electrochemical hydrogen evolution reaction. Journal of Materials Chemistry A, 2017, 5, 1472-1480.	10.3	42
6	Diamond Field-Effect Transistors With V₂O₅-Induced Transfer Doping: Scaling to 50-nm Gate Length. IEEE Transactions on Electron Devices, 2020, 67, 2270-2275.	3.0	23
7	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
8	Optimization of Ohmic Contact for AlGaN/GaN HEMT on Low-Resistivity Silicon. IEEE Transactions on Electron Devices, 2020, 67, 863-868.	3.0	20
9	Structural and electronic properties of 2D (graphene, hBN)/H-terminated diamond (100) heterostructures. Applied Physics Letters, 2020, 117, .	3.3	19
10	Performance Enhancement of Al₂O₃/H-Diamond MOSFETs Utilizing Vacuum Annealing and V₂O₅ as a Surface Electron Acceptor. IEEE Electron Device Letters, 2018, 39, 1354-1357.	3.9	16
11	Thermal performance of diamond field-effect transistors. Applied Physics Letters, 2021, 119, 143502.	3.3	10
12	High synergy atomic layer etching of AlGaN/GaN with HBr and Ar. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, 042601.	2.1	3