

Jeffrey W Daulton

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

7
papers

564
citations

4
h-index

7
g-index

7
ext. papers

692
ext. citations

4.5
avg, IF

3.3
L-index

#	Paper	IF	Citations
7	Controlling the carrier density of surface conductive diamond. <i>Diamond and Related Materials</i> , 2022 , 122, 108775	3.5	1
6	Hydrogen and deuterium termination of diamond for low surface resistance and surface step control. <i>Diamond and Related Materials</i> , 2021 , 118, 108518	3.5	2
5	Dependence of growth temperature on the electrical properties and microstructure of MBE-grown AlN/GaN resonant tunneling diodes on sapphire. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2020 , 38, 032214	1.3	2
4	930 kA/cm ² peak tunneling current density in GaN/AlN resonant tunneling diodes grown on MOCVD GaN-on-sapphire template. <i>Applied Physics Letters</i> , 2019 , 114, 203503	3.4	11
3	Integration of quantum cascade lasers and passive waveguides. <i>Applied Physics Letters</i> , 2015 , 107, 031110	3.4	7
2	The role of macrophage phenotype in vascularization of tissue engineering scaffolds. <i>Biomaterials</i> , 2014 , 35, 4477-88	15.6	532
1	Integration of Si/SiGe HBT and Si-based RITD demonstrating controllable negative differential resistance for wireless applications. <i>Solid-State Electronics</i> , 2006 , 50, 973-978	1.7	9