

Kazuyuki Hirama

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

235
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Spontaneous polarization model for surface orientation dependence of diamond hole accumulation layer and its transistor performance. Applied Physics Letters, 2008, 92, .	3.3	106
2	Characterization of diamond metal-insulator-semiconductor field-effect transistors with aluminum oxide gate insulator. Applied Physics Letters, 2006, 88, 112117.	3.3	35
3	Fabrication of Metalâ€“Oxideâ€“Diamond Field-Effect Transistors with Submicron-Sized Gate Length on Boron-Doped (111) H-Terminated Surfaces Using Electron Beam Evaporated SiO ₂ and Al ₂ O ₃ . Journal of Electronic Materials, 2011, 40, 247-252.	2.2	29
4	RF Diamond Transistors: Current Status and Future Prospects. Japanese Journal of Applied Physics, 2005, 44, 7789-7794.	1.5	21
5	Control of n-type electrical conductivity for cubic boron nitride (c-BN) epitaxial layers by Si doping. Applied Physics Letters, 2020, 116, 162104.	3.3	15
6	Structural analysis of cubic boron nitride (111) films heteroepitaxially grown on diamond (111) substrates. Journal of Applied Physics, 2019, 125, .	2.5	14
7	Highly nitrogen-vacancy doped diamond nanostructures fabricated by ion implantation and optimum annealing. APL Materials, 2020, 8, 031113.	5.1	14
8	High blocking temperature of Fe nanoparticles embedded in diamond thin films. AIP Advances, 2022, 12, .	1.3	1