

# Kazuyuki Hirama

## List of Publications by Year in descending order

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8  
papers

235  
citations

1307594

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1588992

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g-index

8  
all docs

8  
docs citations

8  
times ranked

275  
citing authors

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