

Jun Yamauchi

List of Publications by Year in descending order

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10
papers

554
citations

1477746

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h-index

1372195

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all docs

10
docs citations

10
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Core-level shifts in x-ray photoelectron spectroscopy of arsenic defects in silicon crystal: A first-principles study. <i>AIP Advances</i> , 2020, 10, 115301.	0.6	1
2	First-principles calculation of X-ray photoelectron spectroscopy binding energy shift for nitrogen and phosphorus defects in 3C-silicon carbide. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 061005.	0.8	2
3	First-principles X-ray photoelectron spectroscopy binding energy shift calculation for boron and aluminum defects in 3C-silicon carbide. <i>Japanese Journal of Applied Physics</i> , 2019, 58, 031001.	0.8	8
4	X-ray photoelectron spectroscopy analysis of boron defects in silicon crystal: A first-principles study. <i>Journal of Applied Physics</i> , 2016, 119, .	1.1	14
5	Identification of boron clusters in silicon crystal by B1 <i>s</i> core-level X-ray photoelectron spectroscopy: A first-principles study. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	37
6	Effective Mass Anomalies in Strained-Si Thin Films and Crystals. <i>IEEE Electron Device Letters</i> , 2008, 29, 186-188.	2.2	4
7	Effective-Mass Anomalies of Strained Silicon Thin Films: Surface and Confinement Effects. <i>Japanese Journal of Applied Physics</i> , 2007, 46, 3273-3276.	0.8	2
8	Electronic transport properties of thin, channel regions from SOI through GOI: A first-principles study. <i>Thin Solid Films</i> , 2006, 508, 342-345.	0.8	12
9	Deactivation mechanism of In atoms doped in a Si crystal and reactivation due to codoping with B and C. <i>Physical Review B</i> , 2005, 71, .	1.1	14
10	First-principles study on energetics of c-BN(001) reconstructed surfaces. <i>Physical Review B</i> , 1996, 54, 5586-5603.	1.1	460