

Masashi Uematsu

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

193
citations

1684188

5
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Evidence of the Vacancy-Mediated Silicon Self-Diffusion in Single-Crystalline Silicon. Physical Review Letters, 2007, 98, 095901.	7.8	92
2	Charge states of vacancies in germanium investigated by simultaneous observation of germanium self-diffusion and arsenic diffusion. Applied Physics Letters, 2008, 93, .	3.3	56
3	Quantitative Evaluation of Silicon Displacement Induced by Arsenic Implantation Using Silicon Isotope Superlattices. Applied Physics Express, 0, 1, 021401.	2.4	18
4	Transient Enhanced Diffusion of Boron in the Presence of Dislocations Produced by Amorphizing Implantation in Silicon. Japanese Journal of Applied Physics, 1998, 37, 5866-5869.	1.5	10
5	Behaviors of neutral and charged silicon self-interstitials during transient enhanced diffusion in silicon investigated by isotope superlattices. Journal of Applied Physics, 2009, 105, .	2.5	9
6	Observation of silicon self-diffusion enhanced by the strain originated from end-of-range defects using isotope multilayers. Journal of Applied Physics, 2015, 118, 115706.	2.5	6
7	Effect of carbon situating at end-of-range defects on silicon self-diffusion investigated using pre-amorphized isotope multilayers. Japanese Journal of Applied Physics, 2016, 55, 036504.	1.5	1
8	Effect of fluorine on the suppression of boron diffusion in pre-amorphized silicon. Journal of Applied Physics, 2020, 128, 105701.	2.5	1