

Makoto Sakurai

List of Publications by Citations

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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.

19
papers

179
citations

8
h-index

13
g-index

21
ext. papers

183
ext. citations

1.6
avg, IF

1.75
L-index

#	Paper	IF	Citations
19	Nano-crater formation on a Si(1 1 1)-(7 × 7) surface by slow highly charged ion-impact. <i>Surface Science</i> , 2007 , 601, 723-727	1.8	58
18	Coulomb explosion potential sputtering induced by slow highly charged ion impact. <i>Applied Physics Letters</i> , 2005 , 87, 224102	3.4	24
17	Characteristics of the beam line at the Tokyo electron beam ion trap. <i>Review of Scientific Instruments</i> , 2000 , 71, 681-683	1.7	22
16	Development and application of highly charged ion source. <i>Vacuum</i> , 2009 , 84, 530-533	3.7	14
15	Desorption of excimers from the surface of solid Ne by low-energy electron or photon impact. <i>Physical Review B</i> , 2001 , 63,	3.3	10
14	Potential Effects in the Interaction of Highly Charged Ions with Solid Surfaces. <i>E-Journal of Surface Science and Nanotechnology</i> , 2016 , 14, 1-3	0.7	10
13	Development of Electron Beam Ion Source for Nanoprocesses. <i>Shinku/Journal of the Vacuum Society of Japan</i> , 2005 , 48, 317-320		9
12	Development of Electron Beam Ion Source for Nanoprocesses: II. <i>Shinku/Journal of the Vacuum Society of Japan</i> , 2007 , 50, 390-393		9
11	ESR Measurements of HOPG Irradiated with Highly Charged Ions. <i>E-Journal of Surface Science and Nanotechnology</i> , 2018 , 16, 356-359	0.7	5
10	Photon Emission from Solid Surfaces Irradiated with Highly Charged Ions. <i>Journal of the Vacuum Society of Japan</i> , 2015 , 58, 147-149		4
9	Modification of HOPG Surface on Irradiation by Highly Charged Ar ¹¹⁺ and Xe ²⁶⁺ Ions Investigated by SEM, ESR, SQUID, and Raman Measurements. <i>E-Journal of Surface Science and Nanotechnology</i> , 2011 , 9, 241-246	0.7	4
8	SEM contrast of solid surfaces irradiated with highly charged ions. <i>Transactions of the Materials Research Society of Japan</i> , 2011 , 36, 103-107	0.2	2
7	Production and Extraction of Highly Charged Ions from the Tokyo EBIT. <i>Plasma and Fusion Research</i> , 2007 , 2, 028-028	0.5	2
6	Observation of light and secondary ion emissions from surfaces irradiated with highly charged ions. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2020 , 38, 044006	1.3	2
5	Potential Effect of Multi-Walled Carbon Nanotube Irradiated with Highly Charged Ions. <i>Vacuum and Surface Science</i> , 2018 , 61, 162-165	0	1
4	LEED Observation of Methane Monolayer Physisorbed on Ag(111). <i>Shinku/Journal of the Vacuum Society of Japan</i> , 2003 , 46, 294-297		1
3	Interaction of highly charged ions with carbon-based materials using Kobe EBIS. <i>X-Ray Spectrometry</i> , 2020 , 49, 99-103	0.9	1

2 Guiding and Focusing of Highly Charged Ions Using a Glass Capillary. *Vacuum and Surface Science*, **2019**, 62, 561-563

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1 Characteristics of highly charged ions produced at Kobe EBIS under modulated operation. *X-Ray Spectrometry*, **2020**, 49, 74-77

0.9