

Li He

List of Publications by Year in descending order

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20
papers

212
citations

1040056

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996975

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20
docs citations

20
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of small defect clusters in ion-irradiated 3C-SiC: Combined cluster dynamics modeling and experimental study. <i>Acta Materialia</i> , 2017, 125, 377-389.	7.9	55
2	Ferromagnetism in Rutile Structure Cr Doped VO ₂ Thin Films Prepared by Reactive-Bias Target Ion Beam Deposition. <i>Journal of Superconductivity and Novel Magnetism</i> , 2008, 21, 87-92.	1.8	28
3	Size distribution of black spot defects and their contribution to swelling in irradiated SiC. <i>Journal of Nuclear Materials</i> , 2016, 476, 132-139.	2.7	25
4	Electron Correlation Microscopy: A New Technique for Studying Local Atom Dynamics Applied to a Supercooled Liquid. <i>Microscopy and Microanalysis</i> , 2015, 21, 1026-1033.	0.4	21
5	Quantification of electron-phonon scattering for determination of temperature variations at high spatial resolution in the transmission electron microscope. <i>Nanotechnology</i> , 2012, 23, 205705.	2.6	14
6	Applications and limitations of electron correlation microscopy to study relaxation dynamics in supercooled liquids. <i>Ultramicroscopy</i> , 2017, 178, 125-130.	1.9	11
7	Effects of annealing on the compositional heterogeneity and structure in zirconium-based bulk metallic glass thin films. <i>Thin Solid Films</i> , 2014, 561, 87-92.	1.8	10
8	Radiation-induced mobility of small defect clusters in covalent materials. <i>Physical Review B</i> , 2016, 94, .	3.2	10
9	Structural evolution of oxidized surface of zirconium-silicide under ion irradiation. <i>Applied Surface Science</i> , 2018, 455, 333-342.	6.1	10
10	Modulation of the magnetism in ion implanted Mn _x Ge _{1-x} thin films by rapid thermal anneal. <i>Journal of Applied Physics</i> , 2010, 108, .	2.5	8
11	Enhanced magnetic and electrical properties in amorphous Ge:Mn thin films by non-magnetic codoping. <i>Journal of Applied Physics</i> , 2012, 111, 033916.	2.5	6
12	Focused ion beam fabrication of novel core-shell nanowire structures. <i>Nanotechnology</i> , 2008, 19, 445610.	2.6	4
13	Enhanced diffusion of Cr in 20Cr-25Ni type alloys under proton irradiation at 670°C. <i>Nuclear Materials and Energy</i> , 2018, 17, 142-146.	1.3	4
14	High-Resolution Scanning Transmission Electron Microscopy Study of Black Spot Defects in Ion Irradiated Silicon Carbide. <i>Microscopy and Microanalysis</i> , 2014, 20, 1824-1825.	0.4	3
15	Spintronics and Novel Magnetic Materials for Advanced Spintronics. , 2009, , 485-510.		1
16	Atomic Resolution Imaging of Black Spot Defects in Ion Irradiated Silicon Carbide. <i>Microscopy and Microanalysis</i> , 2015, 21, 1337-1338.	0.4	1
17	Fluctuation Electron Microscopy and Computational Structure Refinement for the Structure of Amorphous Materials. <i>Microscopy and Microanalysis</i> , 2016, 22, 486-487.	0.4	1
18	Magnetism in Ge _[sub (1-x)] Mn _[sub (x)] Thin Films and Quantum Dots Synthesized by Ion Implantation. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
19	Correlation of Nanoscale Structure and Magnetic Properties in Manganese Doped Germanium Dilute Magnetic Semiconductors. Materials Research Society Symposia Proceedings, 2011, 1305, 1.	0.1	0
20	Measurement of Irradiation-induced Swelling in Stainless Steels with a New Transmission Electron Microscopy Method. Microscopy and Microanalysis, 2017, 23, 2234-2235.	0.4	0