Li He

List of Publications by Year
in descending order

20 papers	212 citations	1040056 9 h-index	996975 15 g-index
20 all docs	20 docs citations	20 times ranked	354 citing authors

#	Article	IF	Citations
1	Enhanced diffusion of Cr in 20Cr-25Ni type alloys under proton irradiation at 670ÂÂ°C. Nuclear Materials and Energy, 2018, 17, 142-146.	1.3	4
2	Structural evolution of oxidized surface of zirconium-silicide under ion irradiationm. Applied Surface Science, 2018, 455, 333-342.	6.1	10
3	Evolution of small defect clusters in ion-irradiated 3C-SiC: Combined cluster dynamics modeling and experimental study. Acta Materialia, 2017, 125, 377-389.	7.9	55
4	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
5	Applications and limitations of electron correlation microscopy to study relaxation dynamics in supercooled liquids. Ultramicroscopy, 2017, 178, 125-130.	1.9	11
6	Fluctuation Electron Microscopy and Computational Structure Refinement for the Structure of Amorphous Materials. Microscopy and Microanalysis, 2016, 22, 486-487.	0.4	1
7	Size distribution of black spot defects and their contribution to swelling in irradiated SiC. Journal of Nuclear Materials, 2016, 476, 132-139.	2.7	25
8	Radiation-induced mobility of small defect clusters in covalent materials. Physical Review B, 2016, 94, .	3.2	10
9	Electron Correlation Microscopy: A New Technique for Studying Local Atom Dynamics Applied to a Supercooled Liquid. Microscopy and Microanalysis, 2015, 21, 1026-1033.	0.4	21
10	Atomic Resolution Imaging of Black Spot Defects in Ion Irradiated Silicon Carbide. Microscopy and Microanalysis, 2015, 21, 1337-1338.	0.4	1
11	Effects of annealing on the compositional heterogeneity and structure in zirconium-based bulk metallic glass thin films. Thin Solid Films, 2014, 561, 87-92.	1.8	10
12	High-Resolution Scanning Transmission Electron Microscopy Study of Black Spot Defects in Ion Irradiated Silicon Carbide. Microscopy and Microanalysis, 2014, 20, 1824-1825.	0.4	3
13	Enhanced magnetic and electrical properties in amorphous Ge:Mn thin films by non-magnetic codoping. Journal of Applied Physics, 2012, 111, 033916.	2.5	6
14	Quantification of electronâ€“phonon scattering for determination of temperature variations at high spatial resolution in the transmission electron microscope. Nanotechnology, 2012, 23, 205705.	2.6	14
15	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
16	Modulation of the magnetism in ion implanted MnxGe1â^'x thin films by rapid thermal anneal. Journal of Applied Physics, 2010, 108, .	2.5	8
17	Magnetism in Ge[sub (1â^'x)]Mn[sub (x)] Thin Films and Quantum Dots Synthesized by Ion Implantation. , 2009, , .		0
18	Spintronics and Novel Magnetic Materials for Advanced Spintronics. , 2009, , 485-510.		1

#	Article	IF	Citations
19	Ferromagnetism in Rutile Structure Cr Doped VO2 Thin Films Prepared by Reactive-Bias Target Ion Beam Deposition. Journal of Superconductivity and Novel Magnetism, 2008, 21, 87-92.	1.8	28
20	Focused ion beam fabrication of novel coreâ€“shell nanowire structures. Nanotechnology, 2008, 19, 445610.	2.6	4