

A M C Prez-Martn

List of Publications by Citations

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25
papers

109
citations

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ext. papers

113
ext. citations

2
avg, IF

1.78
L-index

#	Paper	IF	Citations
25	A molecular dynamics study of atomic rearrangements in Cu clusters softly deposited on an Au(0 0 1) surface. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2006 , 249, 816-819	1.2	15
24	A MD study of low energy boron bombardment on silicon. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2000 , 164-165, 431-440	1.2	12
23	Sputtering and mixing of supported nanoparticles. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013 , 316, 210-214	1.2	9
22	Epitaxy of softly deposited small Co nanoclusters on Cu(001) surfaces. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008 , 205, 1330-1336	1.6	8
21	A molecular dynamics study of Ni/Cu() interfaces. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2002 , 193, 359-364	1.2	7
20	Molecular dynamics simulation of Ni cluster deposition on Cu(001) surfaces. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005 , 228, 64-68	1.2	7
19	A molecular dynamics study of an Au/Cu(001) interface. <i>Nanotechnology</i> , 2002 , 13, 324-329	3.4	7
18	Mechanical characterization of Co/Cu multilayered nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 4710-6	1.3	6
17	A hybrid MCMC calculation study. <i>Radiation Effects and Defects in Solids</i> , 1997 , 142, 115-126	0.9	5
16	Structural resilience of Cu nanoclusters deposited softly on an Au(001) surface. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006 , 203, 1229-1233	1.6	5
15	Shallow boron dopant on silicon. <i>Applied Surface Science</i> , 2004 , 234, 228-233	6.7	5
14	Epitaxial matching of small metallic nanoclusters in large-misfit systems. <i>Vacuum</i> , 2007 , 81, 1515-1518	3.7	4
13	Molecular dynamics study of a Ni/Cu(001) interface. <i>Nanotechnology</i> , 2003 , 14, 701-708	3.4	4
12	Structural study of Co and Au nanoclusters landed onto Cu. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009 , 267, 1447-1450	1.2	3
11	Atomic structure of Ni nanoclusters on Cu(001) surfaces. <i>Nanotechnology</i> , 2005 , 16, 396-401	3.4	3
10	Dependence on temperature and energy of the heteroepitaxy of small metallic nanoclusters. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 8712-7	1.3	2
9	Molecular dynamics study of the relaxation processes induced by defects in metals. <i>Surface and Coatings Technology</i> , 1996 , 83, 55-59	4.4	2

8	Elastic Properties of Co/Cu Nanocomposite Nanowires. <i>Advanced Structured Materials</i> , 2012 , 337-350	0.6	1
7	Nanoparticle heterocoalescence induced by deposition. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010 , 7, 2600-2603		1
6	A Molecular Dynamics Study of the Epitaxial Growth of Metallic Nanoclusters Softly Deposited on Substrates with Very Different Lattice Parameter. <i>Journal of Physics: Conference Series</i> , 2007 , 61, 915-919	0.3	1
5	Simulation of ion beam induced atomic mixing of interfaces. <i>Vacuum</i> , 2002 , 67, 635-639	3.7	1
4	Surface topography induced by ion impact on solids: 3D Monte Carlo calculation. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, A257-A258	1.8	1
3	Influence of Energy and Temperature in Cluster Coalescence Induced by Deposition. <i>Advances in Condensed Matter Physics</i> , 2012 , 2012, 1-7		1
2	Influence of the cluster orientation on the epitaxy: deposition of Co nanoclusters on Cu(001) surfaces. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 1105-10	1.3	
1	Problems encountered in calculations of collisional mixing in compounds. <i>Journal of Physics Condensed Matter</i> , 1993 , 5, A303-A304	1.8	