A M C Prez-Martn

List of Publications by Year in Descending Order

25 papers	109 citations	7 h-index	9 g-index
25 ext. papers	113 ext. citations	2 avg, IF	1.78 L-index

#	Paper	IF	Citations
25	Sputtering and mixing of supported nanoparticles. *Nuclear Instruments & Methods in Physics Research B*, **2013**, 316, 210-214	1.2	9
24	Elastic Properties of Co/Cu Nanocomposite Nanowires. *Advanced Structured Materials*, **2012**, 337-350	0.6	1
23	Influence of Energy and Temperature in Cluster Coalescence Induced by Deposition. *Advances in Condensed Matter Physics*, **2012**, 2012, 1-7	1	
22	Mechanical characterization of Co/Cu multilayered nanowires. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 4710-6	1.3	6
21	Dependence on temperature and energy of the heteroepitaxy of small metallic nanoclusters. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 8712-7	1.3	2
20	Influence of the cluster orientation on the epitaxy: deposition of Co nanoclusters on Cu(001) surfaces. *Journal of Nanoscience and Nanotechnology*, **2010**, 10, 1105-10	1.3	
19	Nanoparticle heterocoalescence induced by deposition. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2010**, 7, 2600-2603		1
18	Structural study of Co and Au nanoclusters landed onto Cu. *Nuclear Instruments & Methods in Physics Research B*, **2009**, 267, 1447-1450	1.2	3
17	Epitaxy of softly deposited small Co nanoclusters on Cu(001) surfaces. *Physica Status Solidi (A) Applications and Materials Science*, **2008**, 205, 1330-1336	1.6	8
16	Epitaxial matching of small metallic nanoclusters in large-misfit systems. *Vacuum*, **2007**, 81, 1515-1518	3.7	4
15	A Molecular Dynamics Study of the Epitaxial Growth of Metallic Nanoclusters Softly Deposited on Substrates with Very Different Lattice Parameter. *Journal of Physics: Conference Series*, **2007**, 61, 915-919	0.3	1
14	Structural resilience of Cu nanoclusters deposited softly on an Au(001) surface. *Physica Status Solidi (A) Applications and Materials Science*, **2006**, 203, 1229-1233	1.6	5
13	A molecular dynamics study of atomic rearrangements in Cu clusters softly deposited on an Au(0 0 1) surface. *Nuclear Instruments & Methods in Physics Research B*, **2006**, 249, 816-819	1.2	15
12	Molecular dynamics simulation of Ni cluster deposition on Cu(001) surfaces. *Nuclear Instruments & Methods in Physics Research B*, **2005**, 228, 64-68	1.2	7
11	Atomic structure of Ni nanoclusters on Cu(001) surfaces. *Nanotechnology*, **2005**, 16, 396-401	3.4	3
10	Shallow boron dopant on silicon. *Applied Surface Science*, **2004**, 234, 228-233	6.7	5
9	Molecular dynamics study of a Ni/Cu(001) interface. *Nanotechnology*, **2003**, 14, 701-708	3.4	4

8	A molecular dynamics study of Ni/Cu() interfaces. *Nuclear Instruments & Methods in Physics Research B*, **2002**, 193, 359-364	1.2	7
7	Simulation of ion beam induced atomic mixing of interfaces. *Vacuum*, **2002**, 67, 635-639	3.7	1
6	A molecular dynamics study of an Au/Cu(001) interface. *Nanotechnology*, **2002**, 13, 324-329	3.4	7
5	A MD study of low energy boron bombardment on silicon. *Nuclear Instruments & Methods in Physics Research B*, **2000**, 164-165, 431-440	1.2	12
4	A hybrid MC MD calculation study. *Radiation Effects and Defects in Solids*, **1997**, 142, 115-126	0.9	5
3	Molecular dynamics study of the relaxation processes induced by defects in metals. *Surface and Coatings Technology*, **1996**, 83, 55-59	4.4	2
2	Problems encountered in calculations of collisional mixing in compounds. *Journal of Physics Condensed Matter*, **1993**, 5, A303-A304	1.8	
1	Surface topography induced by ion impact on solids: 3D Monte Carlo calculation. *Journal of Physics Condensed Matter*, **1993**, 5, A257-A258	1.8	1