

Javier DÃ-az

List of Publications by Year in descending order

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41
papers

1,756
citations

516215

16
h-index

344852

36
g-index

41
all docs

41
docs citations

41
times ranked

2420
citing authors

#	ARTICLE	IF	CITATIONS
1	Separation of the s^2 and p^2 components in the C1s photoemission spectra of amorphous carbon films. Physical Review B, 1996, 54, 8064-8069.	1.1	717
2	SPELEEM: Combining LEEM and Spectroscopic Imaging. Surface Review and Letters, 1998, 05, 1287-1296.	0.5	242
3	Surface Relaxations in Polymers. Macromolecules, 1997, 30, 7768-7771.	2.2	156
4	Microscopic Origin of Liquid Crystal Alignment on Rubbed Polymer Surfaces. Macromolecules, 1998, 31, 1942-1946.	2.2	154
5	Analysis of the π^* and f^* bands of the x-ray absorption spectrum of amorphous carbon. Physical Review B, 2001, 64, .	1.1	74
6	X-PEEM Study on Surface Orientation of Stylized and Rubbed Polyimides. Macromolecules, 1998, 31, 4957-4962.	2.2	45
7	Magneto-optical transverse Kerr effect in multilayers. Physical Review B, 2001, 64, .	1.1	41
8	Structure of amorphous carbon from near-edge and extended x-ray absorption spectroscopy. Physical Review B, 2007, 76, .	1.1	37
9	X-ray absorption spectroscopy study of pulsed-laser-evaporated amorphous carbon films. Applied Physics A: Materials Science and Processing, 1995, 61, 111-114.	1.1	34
10	Raman spectroscopy of carbon films grown by pulsed laser evaporation of graphite. Diamond and Related Materials, 1992, 1, 824-827.	1.8	29
11	Amorphous to polycrystalline transition in $\text{Co}_x\text{Si}_{1-x}$ alloy thin films. European Physical Journal B, 2004, 41, 517-524.	0.6	25
12	Enhanced secondary electron yield from oxidized regions on amorphous carbon films studied by x-ray spectromicroscopy. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 2737-2740.	0.9	19
13	Asymmetric grazing incidence small angle x-ray scattering and anisotropic domain wall motion in obliquely grown nanocrystalline Co films. Nanotechnology, 2014, 25, 335704.	1.3	18
14	Understanding the magnetic anisotropy in Fe-Si amorphous alloys. IEEE Transactions on Magnetics, 2002, 38, 2811-2813.	1.2	17
15	Phase separation in $\text{Fe}^{\sim}\text{Si}$ and $\text{Co}^{\sim}\text{Si}$ sputtered ferromagnetic alloys and the origin of their magnetic anisotropy. Physical Review B, 2005, 72, .	1.1	16
16	Temperature dependence of the anisotropy of amorphous NdCo5 thin films. Journal of Magnetism and Magnetic Materials, 2007, 316, e446-e449.	1.0	16
17	An x-ray spectromicroscopic study of the local structure of patterned titanium silicide. Applied Physics Letters, 1997, 71, 55-57.	1.5	15
18	Optical layout of a beamline for photoemission microscopy. Journal of Synchrotron Radiation, 1999, 6, 957-963.	1.0	13

#	ARTICLE	IF	CITATIONS
19	Structure and magnetic properties of amorphous Co-Si alloy films. IEEE Transactions on Magnetism, 2002, 38, 3078-3080.	1.2	13
20	Determination of the magnetostrictive atomic environments in FeCoB alloys. Physical Review B, 2012, 85, .	1.1	12
21	Surface and bulk investigation of ZSM5 and Al-MCM-41 using synchrotron XPS, XANES, and hexane cracking. Applied Catalysis A: General, 2005, 290, 159-165.	2.2	9
22	Photoelectron Emission Microscopy and its Application to the Study of Polymer Surfaces. Acta Physica Polonica A, 1997, 91, 923-927.	0.2	9
23	Perpendicular magnetic anisotropy in amorphous Nd thin films studied by x-ray magnetic circular dichroism. Physical Review B, 2017, 95, .		
24	Large negative thermal expansion of the Co subnetwork measured by EXAFS in highly disordered Nd _{1-x} Co _x thin films with perpendicular magnetic anisotropy. Journal of Physics Condensed Matter, 2013, 25, 426002.	0.7	6
25	Atomic pair ordering and magnetic anisotropy of Fe ²⁺ /Si amorphous films studied by linearly polarized EXAFS. Journal of Magnetism and Magnetic Materials, 2007, 316, e390-e392.	1.0	5
26	Enhancement of antiferromagnetic coupling in magnetic multilayers by low energy ion beam substrate nanopatterning. Journal of Physics Condensed Matter, 2009, 21, 224024.	0.7	5
27	Microscopic origin of perpendicular magnetic anisotropy in amorphous Nd-Co homogeneous and compositionally modulated, thin films studied by XMCD. Journal of Physics: Conference Series, 2010, 200, 072017.	0.3	4
28	Stacking dependent disordering processes in Gd/Co/Pt(111) studied with surface x-ray diffraction. Physical Review B, 2008, 78, .	1.1	3
29	Chiral asymmetry detected in a 2D array of permalloy square nanomagnets using circularly polarized x-ray resonant magnetic scattering. Nanotechnology, 2020, 31, 025702.	1.3	3
30	Ferromagnetic Resonance Studies in Magnetic Nanosystems. Magnetochemistry, 2021, 7, 126.	1.0	3
31	Structural and magnetic properties of Co _{1-x} Si _x thin films and multilayers. Journal of Physics Condensed Matter, 2007, 19, 486003.	0.7	2
32	X-ray absorption spectroscopy study of pulsed-laser-evaporated amorphous carbon films. Applied Physics A: Materials Science and Processing, 1995, 61, 111-114.	1.1	2
33	STM studies of Si evaporation on Si at RT by laser ablation. Surface Science, 1993, 287-288, 911-914.	0.8	1
34	Uniaxial magnetic anisotropy of Fe-Si and Co-Si amorphous thin films due to Si nano-segregation. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 1409-1414.	0.8	1
35	Interface effects on Gd induced disordering of Co films on Pt(111). Surface Science, 2012, 606, 933-937.	0.8	1
36	Determination of the out-of-plane anisotropy contributions (first and second anisotropy terms) in amorphous Nd-Co thin films by micromagnetic numerical simulations. Journal of Magnetism and Magnetic Materials, 2018, 456, 251-256.	1.0	1

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37	Pulsed-laser evaporation of carbon: Velocity, mass, and charge distribution of the ejected ions. AIP Conference Proceedings, 1993, , .	0.3	0
38	Transverse Kerr effect as an analytical tool in the study of the magnetism of transition metal-yttrium alloys. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 597-598.	1.0	0
39	Understanding the origin of the magnetic anisotropy in iron silicide amorphous alloys. , 0, , .		0
40	Magnetic moment orientation and in-depth distribution of dysprosium near the surface of DyCo thin films from x-ray circularly polarized absorption. Physical Review B, 2021, 104, .	4.6	0
41	Structure and magnetic properties of amorphous $\text{Co}_x\text{Si}_{1-x}$ alloy films. , 0, , .		0