Maximiliano D Martins

List of Publications by Year
in descending order

45	628	686830	610482
papers	citations	13 h-index	24 g-index

47	47	47	1011
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrodeposited FeMn/Ni bilayers from sulfate electrolytes. Solid State Communications, 2021, 326, 114177.	0.9	1
2	Spin reorientation transition in ultrathin Co films on the vicinal surface Au(788). AIP Advances, 2021, 11, 045009.	0.6	2
3	Is teriparatide therapy effective for medication-related osteonecrosis of the jaw? A systematic review and meta-analysis. Osteoporosis International, 2021, 32, 2449-2459.	1.3	17
4	Magnetic characterization, electronic structure and vibrational properties of (NH4)2ÂM(SO4)2Â·6H2O (M=Mn, Ni) crystals. Solid State Communications, 2021, 334-335, 114384.	0.9	3
5	Epitaxial growth of Co on stepped Ru(0001): Stabilization of CoRu magnetic surface alloy. Surface Science, 2020, 692, 121512.	0.8	1
6	Synthesis and vibrational spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msub><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mrow><mml:mtext>N</mml:mtext><mml:mtext>H</mml:mtext></mml:mrow><mml:mrow><mml:n close=""><mml:mrow></mml:msub><mml:msub><mml:mrow><mml:. Vibrational Spectroscopy, 2020, 111, 103	1.2	3
7	Magnetic and 57Fe hyperfine structural features of nitrided austenitic stainless steel. Surface and Coatings Technology, 2020, 388, 125544.	2.2	4
8	Controlling morphological parameters of a nanotubular TiO₂ coating layer prepared by anodic oxidation. Materials Research Express, 2020, 7, 025017.	0.8	7
9	Stabilization and tuning of perpendicular magnetic anisotropy in room-temperature ferromagnetic transparent CeO2 films. Journal of Applied Physics, 2019, 126, 183903.	1.1	1
10	Precession damping in [Co60Fe40/Pt]5 multilayers with varying magnetic homogeneity investigated with femtosecond laser pulses. AIP Advances, 2019, 9, .	0.6	2
11	Spin wave dynamics in elliptical dots. Physical Review B, 2019, 99, .	1.1	6
12	Stabilizing spin spirals and isolated skyrmions at low magnetic field exploiting vanishing magnetic anisotropy. Nature Communications, 2018, 9, 1015.	5.8	82
13	Strengthening of a Polyurethane Matrix by Luffa Cylindrica Treated with TDI: Water Absorption and Mechanical Properties. Journal of Polymers and the Environment, 2018, 26, 2514-2521.	2.4	6
14	Tailoring magnetocrystalline perpendicular anisotropy in Co60Fe40/Pt multilayers. Journal of Magnetism and Magnetic Materials, 2018, 467, 139-144.	1.0	7
15	Symmetry forbidden morphologies and domain boundaries in nanoscale graphene islands. 2D Materials, 2017, 4, 025104.	2.0	4
16	A photoemission spectroscopy study of the initial oxidation of epitaxial fcc and bcc Fe films grown on Cu(100). Thin Solid Films, 2017, 636, 567-572.	0.8	2
17	Influence of Temperature and Acid Etching Time on the Superficial Characteristics of Ti. Materials Research, 2015, 18, 963-970.	0.6	12
18	Effect of Planar Anisotropy in Vortex Configuration of Micro-scale Disks. Physics Procedia, 2015, 75, 1142-1149.	1.2	6

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19	Immediate Placement of Implants into Infected Sites: A Systematic Review. Clinical Implant Dentistry and Related Research, 2015, 17, e1-e16.	1.6	85
20	Study of the influence of acid etching treatments on the superficial characteristics of Ti. Materials Research, 2014, 17, 373-380.	0.6	38
21	Magnetic domains in rolled-up nanomembranes of Co/Pt multilayers with perpendicular magnetic anisotropy. RSC Advances, 2014, 4, 8410.	1.7	4
22	Simulations of magnetic vortex dynamics in exchange-biased sub-micron-sized disks. Journal of Applied Physics, 2013, 114, .	1.1	6
23	Influence of different acid etchings on the superficial characteristics of Ti sandblasted with Al2O3. Materials Research, 2013, 16, 1006-1014.	0.6	32
24	Chemical and topographic analysis of treated surfaces of five different commercial dental titanium implants. Materials Research, 2012, 15, 372-382.	0.6	44
25	Properties of magnetic nanodots with perpendicular anisotropy. Journal of Applied Physics, 2011, 110, .	1.1	20
26	Three-dimensional culture of rat BMMSCs in a porous chitosan-gelatin scaffold: A promising association for bone tissue engineering in oral reconstruction. Archives of Oral Biology, 2011, 56, 1-15.	0.8	89
27	Four-fold magnetic anisotropy in a Co film on MgO(001). Journal of Magnetism and Magnetic Materials, 2011, 323, 789-793.	1.0	16
28	Growth, structure, and magnetic properties of epitaxial<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ni</mml:mtext></mml:mrow><mml:mi>x</mml:mi></mml:msub></mml:mrow></mml:math> layers and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Co</mml:mtext></mml:mrow></mml:math>. Physical Review B, 2010, 82, .	1.1	14
29	Growth and morphology of ultra-thin Ni films on Pd(100). Microelectronics Journal, 2008, 39, 1229-1230.	1.1	2
30	Diffusion of nickel in single- and polycrystalline Cr₂O₃. Philosophical Magazine, 2008, 88, 391-405.	0.7	16
31	Direct measurement of depth-dependent Fe spin structure during magnetization reversal in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Fe</mml:mtext><mml:mo>/</mml:mo><mml:msub><mml:mrow><mml:mtext>MnF</mml:mtext></mml:mrow></mml:msub></mml:mrow></mml:math> bilayers. Physical Review B, 2008, 78, .	1.1	23
32	Decarboxylation of Oxidized Single-Wall Carbon Nanotubes. Journal of Nanoscience and Nanotechnology, 2007, 7, 3421-3430.	0.9	7
33	Exchange bias in Fe/EuTe(111) bilayers. Journal of Applied Physics, 2007, 102, 033908.	1.1	4
34	Surface structure determination of Pd ultrathin films on Ru(0001): Possible magnetic behavior. Physical Review B, 2007, 76, .	1.1	12
35	Magnetism of epitaxial FexNi1âˆ’x films on Cu90Au10(100). Journal of Magnetism and Magnetic Materials, 2007, 310, 2274-2276.	1.0	1
36	In-plane magnetic anisotropies in Ni/FeMn and Ni90Fe10/FeMn exchange biased bilayers. Journal of Physics and Chemistry of Solids, 2007, 68, 2398-2404.	1.9	6

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37	Surface characterization of titanium Based dental implants. Brazilian Journal of Physics, 2006, 36, 1004-1008.	0.7	22
38	Positive exchange bias in Fe on antiferromagnetic semiconductor EuTe. , 2006, , .		0
39	In situ magneto-optical Kerr effect study of uncovered Fe films on ZnSe(001). Journal of Magnetism and Magnetic Materials, 2005, 294, e105-e109.	1.0	1
40	Structural and Magnetic Properties of Fe on Cu84Al16(100). Physica Status Solidi A, 2002, 189, 269-275.	1.7	2
41	GMR in Granular CuFe with a Face Centered Tetragonal Structure of Iron. Physica Status Solidi A, 2002, 189, 677-684.	1.7	2
42	Growth, structure, and magnetic properties of Fe monolayers on Cu84Al16(100). Journal of Applied Physics, 2001, 89, 6680-6682.	1.1	5
43	Structural change and heteroepitaxy induced by rapid thermal annealing of CaF2 films on Si(111). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1998, 16, 2437-2441.	0.9	2
44	Annealing Effects on Nanoscratch Behavior of CaF2 Thin Films Growth on Si(111). Materials Research Society Symposia Proceedings, 1998, 522, 457.	0.1	0
45	Comparative Study of Nanostructured TiO2 and SLA Surface Modifications for Titanium Implants: Surface Morphology and in vitro Evaluation. Materials Research, 0, 25, .	0.6	3