Bernardo Almeida

List of Publications by Year
in descending order

74	1,211	331670 21	414414 32
papers	citations	h-index	g-index

74	74	74	1681
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ion beam deposition of Mn-Ir spin valves. IEEE Transactions on Magnetics, 1999, 35, 4361-4367.	2.1	125
2	Magnetoresistance enhancement in specular, bottom-pinned, Mn[sub 83]Ir[sub 17] spin valves with nano-oxide layers. Applied Physics Letters, 2000, 77, 1020.	3.3	82
3	Magnetic liposomes based on nickel ferrite nanoparticles for biomedical applications. Physical Chemistry Chemical Physics, 2015, 17, 18011-18021.	2.8	54
4	Production of Polar Î²-Glycine Nanofibers with Enhanced Nonlinear Optical and Piezoelectric Properties. Crystal Growth and Design, 2011, 11, 4288-4291.	3.0	48
5	Oriented Single-Crystal-like Molecular Arrangement of Optically Nonlinear 2-Methyl-4-nitroaniline in Electrospun Nanofibers. ACS Nano, 2011, 5, 73-78.	14.6	46
6	Magnetoliposomes based on manganese ferrite nanoparticles as nanocarriers for antitumor drugs. RSC Advances, 2016, 6, 17302-17313.	3.6	44
7	Properties of Electrospun TiO₂Nanofibers. Journal of Nanotechnology, 2014, 2014, 1-5.	3.4	42
8	Optical characterisation of anatase: a comparative study of the bulk crystal and the polycrystalline thin film. Thin Solid Films, 2001, 401, 216-224.	1.8	40
9	Structural and optical characterization of WO3 deposited on glass and ITO. Vacuum, 2002, 64, 287-291.	3.5	37
10	Development of Inhalable Superparamagnetic Iron Oxide Nanoparticles (SPIONs) in Microparticulate System for Antituberculosis Drug Delivery. Advanced Healthcare Materials, 2018, 7, e1800124.	7.6	34
11	XRD and FTIR analysis of Tiâ€“Siâ€“Câ€“ON coatings for biomedical applications. Surface and Coatings Technology, 2008, 203, 490-494.	4.8	31
12	Magnetoliposomes containing magnesium ferrite nanoparticles as nanocarriers for the model drug curcumin. Royal Society Open Science, 2018, 5, 181017.	2.4	31
13	Development of Multifunctional Liposomes Containing Magnetic/Plasmonic MnFe2O4/Au Core/Shell Nanoparticles. Pharmaceutics, 2019, 11, 10.	4.5	29
14	Stealth Magnetoliposomes Based on Calcium-Substituted Magnesium Ferrite Nanoparticles for Curcumin Transport and Release. International Journal of Molecular Sciences, 2020, 21, 3641.	4.1	29
15	Magnetoliposomes as carriers for promising antitumor thieno[3,2-b]pyridin-7-arylamines: photophysical and biological studies. RSC Advances, 2017, 7, 15352-15361.	3.6	27
16	Magnetoliposomes Containing Calcium Ferrite Nanoparticles for Applications in Breast Cancer Therapy. Pharmaceutics, 2019, 11, 477.	4.5	27
17	Dehydropeptide-based plasmonic magnetogels: a supramolecular composite nanosystem for multimodal cancer therapy. Journal of Materials Chemistry B, 2020, 8, 45-64.	5.8	27
18	Strong enhancement of second harmonic generation in 2-methyl-4-nitroaniline nanofibers. Nanoscale, 2012, 4, 4978.	5.6	24

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19	Simple way to make Anatase TiO2 films on FTO glass for promising solar cells. Materials Letters, 2012, 69, 59-62.	2.6	24
20	Self-assembly of dipeptide Boc-diphenylalanine nanotubes inside electrospun polymeric fibers with strong piezoelectric response. Nanoscale Advances, 2019, 1, 4339-4346.	4.6	24
21	Ferroelectric characterization of aligned barium titanate nanofibres. Journal Physics D: Applied Physics, 2013, 46, 105304.	2.8	23
22	Structural and magnetic properties of CoFe2O4 thin films deposited by laser ablation on Si (001) substrates. Vacuum, 2008, 82, 1437-1440.	3.5	22
23	Solid and aqueous magnetoliposomes as nanocarriers for a new potential drug active against breast cancer. Colloids and Surfaces B: Biointerfaces, 2017, 158, 460-468.	5.0	20
24	Structural and magnetic characterization of LaSrMnO3 thin films deposited by laser ablation on MgO substrates. Journal of Magnetism and Magnetic Materials, 2010, 322, 1174-1177.	2.3	16
25	Piezoresponse force microscopy studies of the triglycine sulfate-based nanofibers. Journal of Applied Physics, 2010, 108, .	2.5	15
26	High nonlinear optical anisotropy of urea nanofibers. Europhysics Letters, 2010, 91, 28007.	2.0	15
27	Magnetic Nanoparticles of Zinc/Calcium Ferrite Decorated with Silver for Photodegradation of Dyes. Materials, 2019, 12, 3582.	2.9	14
28	Magnetoliposomes Based on Shape Anisotropic Calcium/Magnesium Ferrite Nanoparticles as Nanocarriers for Doxorubicin. Pharmaceutics, 2021, 13, 1248.	4.5	14
29	Magnetoliposomes based on nickel/silica core/shell nanoparticles: Synthesis and characterization. Materials Chemistry and Physics, 2014, 148, 978-987.	4.0	13
30	Development of Novel Magnetoliposomes Containing Nickel Ferrite Nanoparticles Covered with Gold for Applications in Thermotherapy. Materials, 2020, 13, 815.	2.9	12
31	Determination of infrared optical parameters of SrTiO3 thin films from the reflectivity spectrum. Thin Solid Films, 2006, 513, 275-282.	1.8	11
32	Nanogranular BaTiO3â€“CoFe2O4 thin films deposited by pulsed laser ablation. Journal of Applied Physics, 2007, 101, 09M101.	2.5	11
33	Influence of the surface morphology and microstructure on the biological properties of Tiâ€“Siâ€“Câ€“Nâ€“O coatings. Thin Solid Films, 2010, 518, 5694-5699.	1.8	11
34	Intense optical second harmonic generation from centrosymmetric nanocrystalline para-nitroaniline. Applied Physics Letters, 2014, 104, 181903.	3.3	11
35	Piezoelectric and pyroelectric properties of DL-alanine and L-lysine amino-acid polymer nanofibres. Materials Research Express, 2018, 5, 045049.	1.6	11
36	Design, fabrication, and wafer level testing of (NiFe/Cu)/sub xn/ dual stripe GMR sensors. IEEE Transactions on Magnetics, 1997, 33, 2905-2907.	2.1	10

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37	Stress induced magnetic anisotropy on BaTiO3â€“CoFe2O4 nanogranular composite thin films. Journal of Non-Crystalline Solids, 2008, 354, 5250-5252.	3.1	10
38	Production and PFM Characterization of Barium Titanate Nanofibers. Ferroelectrics, 2012, 429, 48-55.	0.6	10
39	Probing ferroelectric behaviour in charge-transfer organic meta-nitroaniline. Applied Physics Letters, 2016, 109, .	3.3	9
40	Narrow optical gap ferroelectric Bi₂ZnTiO₆ thin films deposited by RF sputtering. Journal of Materials Chemistry A, 2019, 7, 10696-10701.	10.3	8
41	Development of Thermo- and pH-Sensitive Liposomal Magnetic Carriers for New Potential Antitumor Thienopyridine Derivatives. Materials, 2022, 15, 1737.	2.9	8
42	Magnetoliposomes Containing Multicore Nanoparticles and a New Antitumor Thienopyridine Compound with Potential Application in Chemo/Thermotherapy. Biomedicines, 2022, 10, 1547.	3.2	8
43	Magnetoliposomes Based on Magnetic/Plasmonic Nanoparticles Loaded with Tricyclic Lactones for Combined Cancer Therapy. Pharmaceutics, 2021, 13, 1905.	4.5	7
44	Critical behaviour of the magnetoresistance of NdRu2Si2 near the NÃ©el point. Journal of Magnetism and Magnetic Materials, 1993, 125, 103-109.	2.3	6
45	The effect of substrate bias on the properties of NiO/NiFe and NiO/CoFe exchange biased spin-valve sensors. IEEE Transactions on Magnetics, 1998, 34, 3772-3777.	2.1	6
46	Simulation of the interband sâ€“d and intraband sâ€“s electronâ€“phonon contributions to the temperature dependence of the electrical resistivity in Fe/Cr multilayers. Journal of Applied Physics, 1999, 85, 4433-4435.	2.5	6
47	Cobalt ferrite thin films deposited by electrophoresis on p-doped Si substrates. Journal of Physics: Conference Series, 2010, 200, 072009.	0.4	6
48	Electrophoretic Deposition of CoFe₂O₄Nanograins Dispersed in a Laser Ablated BaTiO₃Matrix. Ferroelectrics, 2011, 421, 66-71.	0.6	6
49	Influence of Grain Size Dispersion on the Magnetic Properties of Nanogranular BaTiO₃-CoFe₂O₄ Thin Films. Journal of Nanoscience and Nanotechnology, 2009, 9, 3742-3746.	0.9	5
50	Thickness dependence of microstructure in thin La_{0.7}Sr_{0.3}MnO₃films grown on (1â€‰0â€‰0) SrTiO₃substrate. Journal Physics D: Applied Physics, 2017, 50, 395301.	2.8	5
51	Interplay of Magnetic Properties and Doping in Epitaxial Films of hâ€REFeO₃ Multiferroic Oxides. Small, 2021, 17, e2005700.	10.0	5
52	Infrared characterization of strontium titanate thin films. Applied Surface Science, 2004, 238, 395-399.	6.1	4
53	Unravelling the effect of SrTiO₃antiferrodistortive phase transition on the magnetic properties of La_{0.7}Sr_{0.3}MnO₃thin films. Journal Physics D: Applied Physics, 2014, 47, 435002.	2.8	4
54	Influence of Al/Si atomic ratio on optical and electrical properties of magnetron sputtered Al1-xSixOy coatings. Thin Solid Films, 2019, 669, 475-481.	1.8	4

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55	Functionalized magnetic composite nano/microfibres with highly oriented van der Waals CrI₃ inclusions by electrospinning. Nanotechnology, 2021, 32, 145703.	2.6	4
56	Ergodicity breaking in stronium calcium titanate. Journal of Physics Condensed Matter, 2001, 13, 2615-2626.	1.8	3
57	Structural and Electrical Characterization of Lead Metaniobate Thin Films Deposited by Pulsed Laser Ablation. Ferroelectrics, 2006, 335, 201-209.	0.6	3
58	Temperature Dependence of the Dielectric Permittivity of BaTiO₃-CoFe₂O₄Ceramic Composites. Ferroelectrics, 2008, 367, 15-22.	0.6	3
59	Synthesis of polymer-based triglycine sulfate nanofibres by electrospinning. Journal Physics D: Applied Physics, 2009, 42, 205403.	2.8	3
60	High-Field Magnetoresistance of La0.67Sr0.33MnO3 Thin Films Deposited on LiNbO3 Substrates. Journal of Low Temperature Physics, 2010, 159, 156-159.	1.4	3
61	Structural and dielectric properties of laser ablated BaTiO3 films deposited over electrophoretically dispersed CoFe2O4 grains. Journal of Applied Physics, 2014, 116, 164112.	2.5	3
62	Synthesis, structural and magnetic characterization of lead-metaniobate/cobalt-ferrite nanocomposite films deposited by pulsed laser ablation. Applied Physics A: Materials Science and Processing, 2015, 118, 275-281.	2.3	3
63	Interlayer coupling across an alloy spacer: Co/Cu75Au25 multilayers. Journal of Magnetism and Magnetic Materials, 1997, 173, 155-162.	2.3	2
64	Annealing Induced Ordering of SrTiO3 Thin Films Deposited by Laser Ablation Over Si Substrates. Integrated Ferroelectrics, 2004, 63, 149-154.	0.7	2
65	Structural and Raman characterization of nanogranular BaTiO3-NiFe2O4 thin films deposited by laser ablation on Si/Pt substrates. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, 2720-2723.	0.8	2
66	La_{2/3}Sr_{1/3}MnO₃thin films deposited by laser ablation on lithium niobate substrates. Journal of Physics: Conference Series, 2010, 200, 052007.	0.4	2
67	Photodeposition of Silver on Zinc/Calcium Ferrite Nanoparticles: A Contribution to Efficient Effluent Remediation and Catalyst Reutilization. Nanomaterials, 2021, 11, 831.	4.1	2
68	Modeling of polar clusters in disordered perovskites: The S-K model with tunneling. Ferroelectrics, 2000, 239, 205-212.	0.6	1
69	Pr0.5Ca0.5MnO3thin films deposited on LiNbO3substrates. EPJ Web of Conferences, 2013, 40, 15010.	0.3	1
70	Infrared reflectivity investigation of the phase transition sequence in Pr0.5Ca0.5MnO3. Journal of Magnetism and Magnetic Materials, 2016, 408, 81-88.	2.3	1
71	Ordered La0.7Sr0.3MnO3nanohole arrays fabricated on a nanoporous alumina template by pulsed laser ablation. Nanotechnology, 2016, 27, 125303.	2.6	1
72	Magnetoliposomes for dual cancer therapy. , 2018, , 489-527.		1

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73	Barium Titanate Thin Films Deposited by Electrophoresis on <I>p</I>-Doped Si(001) Substrates. Journal of Nanoscience and Nanotechnology, 2011, 11, 8700-8704.	0.9	0
74	Simulation of the temperature profile of BaCaZrTiO3 thin films during laser annealing. EPJ Web of Conferences, 2020, 233, 05008.	0.3	0