

# Bernardo Almeida

## List of Publications by Year in descending order

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74  
papers

1,211  
citations

331670

21  
h-index

414414

32  
g-index

74  
all docs

74  
docs citations

74  
times ranked

1681  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Thermo- and pH-Sensitive Liposomal Magnetic Carriers for New Potential Antitumor Thienopyridine Derivatives. <i>Materials</i> , 2022, 15, 1737.	2.9	8
2	Magnetoliposomes Containing Multicore Nanoparticles and a New Antitumor Thienopyridine Compound with Potential Application in Chemo/Thermotherapy. <i>Biomedicines</i> , 2022, 10, 1547.	3.2	8
3	Functionalized magnetic composite nano/microfibres with highly oriented van der Waals CrI <sub>3</sub> inclusions by electrospinning. <i>Nanotechnology</i> , 2021, 32, 145703.	2.6	4
4	Interplay of Magnetic Properties and Doping in Epitaxial Films of $\text{La}_{1-x}\text{RE}_x\text{FeO}_{3-\delta}$ Multiferroic Oxides. <i>Small</i> , 2021, 17, e2005700.	10.0	5
5	Photodeposition of Silver on Zinc/Calcium Ferrite Nanoparticles: A Contribution to Efficient Effluent Remediation and Catalyst Reutilization. <i>Nanomaterials</i> , 2021, 11, 831.	4.1	2
6	Magnetoliposomes Based on Shape Anisotropic Calcium/Magnesium Ferrite Nanoparticles as Nanocarriers for Doxorubicin. <i>Pharmaceutics</i> , 2021, 13, 1248.	4.5	14
7	Magnetoliposomes Based on Magnetic/Plasmonic Nanoparticles Loaded with Tricyclic Lactones for Combined Cancer Therapy. <i>Pharmaceutics</i> , 2021, 13, 1905.	4.5	7
8	Dehydropeptide-based plasmonic magnetogels: a supramolecular composite nanosystem for multimodal cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 45-64.	5.8	27
9	Simulation of the temperature profile of BaCaZrTiO <sub>3</sub> thin films during laser annealing. <i>EPJ Web of Conferences</i> , 2020, 233, 05008.	0.3	0
10	Stealth Magnetoliposomes Based on Calcium-Substituted Magnesium Ferrite Nanoparticles for Curcumin Transport and Release. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3641.	4.1	29
11	Development of Novel Magnetoliposomes Containing Nickel Ferrite Nanoparticles Covered with Gold for Applications in Thermotherapy. <i>Materials</i> , 2020, 13, 815.	2.9	12
12	Magnetic Nanoparticles of Zinc/Calcium Ferrite Decorated with Silver for Photodegradation of Dyes. <i>Materials</i> , 2019, 12, 3582.	2.9	14
13	Magnetoliposomes Containing Calcium Ferrite Nanoparticles for Applications in Breast Cancer Therapy. <i>Pharmaceutics</i> , 2019, 11, 477.	4.5	27
14	Narrow optical gap ferroelectric Bi <sub>2</sub> ZnTiO <sub>6</sub> thin films deposited by RF sputtering. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10696-10701.	10.3	8
15	Self-assembly of dipeptide Boc-diphenylalanine nanotubes inside electrospun polymeric fibers with strong piezoelectric response. <i>Nanoscale Advances</i> , 2019, 1, 4339-4346.	4.6	24
16	Influence of Al/Si atomic ratio on optical and electrical properties of magnetron sputtered Al <sub>1-x</sub> Si <sub>x</sub> O <sub>y</sub> coatings. <i>Thin Solid Films</i> , 2019, 669, 475-481.	1.8	4
17	Development of Multifunctional Liposomes Containing Magnetic/Plasmonic MnFe <sub>2</sub> O <sub>4</sub> /Au Core/Shell Nanoparticles. <i>Pharmaceutics</i> , 2019, 11, 10.	4.5	29
18	Piezoelectric and pyroelectric properties of DL-alanine and L-lysine amino-acid polymer nanofibres. <i>Materials Research Express</i> , 2018, 5, 045049.	1.6	11

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19	Magnetoliposomes containing magnesium ferrite nanoparticles as nanocarriers for the model drug curcumin. Royal Society Open Science, 2018, 5, 181017.	2.4	31
20	Development of Inhalable Superparamagnetic Iron Oxide Nanoparticles (SPIONs) in Microparticulate System for Antituberculosis Drug Delivery. Advanced Healthcare Materials, 2018, 7, e1800124.	7.6	34
21	Magnetoliposomes for dual cancer therapy. , 2018, , 489-527.		1
22	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
23	Thickness dependence of microstructure in thin $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ films grown on $(1\bar{1}00)$ $\text{SrTiO}_3$ substrate. Journal Physics D: Applied Physics, 2017, 50, 395301.	2.8	5
24	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
25	Probing ferroelectric behaviour in charge-transfer organic meta-nitroaniline. Applied Physics Letters, 2016, 109, .	3.3	9
26	Infrared reflectivity investigation of the phase transition sequence in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . Journal of Magnetism and Magnetic Materials, 2016, 408, 81-88.	2.3	1
27	Magnetoliposomes based on manganese ferrite nanoparticles as nanocarriers for antitumor drugs. RSC Advances, 2016, 6, 17302-17313.	3.6	44
28	Ordered $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ nanohole arrays fabricated on a nanoporous alumina template by pulsed laser ablation. Nanotechnology, 2016, 27, 125303.	2.6	1
29	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
30	Magnetic liposomes based on nickel ferrite nanoparticles for biomedical applications. Physical Chemistry Chemical Physics, 2015, 17, 18011-18021.	2.8	54
31	Properties of Electrospun $\text{TiO}_2$ Nanofibers. Journal of Nanotechnology, 2014, 2014, 1-5.	3.4	42
32	Structural and dielectric properties of laser ablated $\text{BaTiO}_3$ films deposited over electrophoretically dispersed $\text{CoFe}_2\text{O}_4$ grains. Journal of Applied Physics, 2014, 116, 164112.	2.5	3
33	Intense optical second harmonic generation from centrosymmetric nanocrystalline para-nitroaniline. Applied Physics Letters, 2014, 104, 181903.	3.3	11
34	Magnetoliposomes based on nickel/silica core/shell nanoparticles: Synthesis and characterization. Materials Chemistry and Physics, 2014, 148, 978-987.	4.0	13
35	Unravelling the effect of $\text{SrTiO}_3$ antiferrodistortive phase transition on the magnetic properties of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ thin films. Journal Physics D: Applied Physics, 2014, 47, 435002.	2.8	4
36	Ferroelectric characterization of aligned barium titanate nanofibres. Journal Physics D: Applied Physics, 2013, 46, 105304.	2.8	23

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37	Pr <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> thin films deposited on LiNbO <sub>3</sub> substrates. EPJ Web of Conferences, 2013, 40, 15010.	0.3	1
38	Strong enhancement of second harmonic generation in 2-methyl-4-nitroaniline nanofibers. Nanoscale, 2012, 4, 4978.	5.6	24
39	Production and PFM Characterization of Barium Titanate Nanofibers. Ferroelectrics, 2012, 429, 48-55.	0.6	10
40	Simple way to make Anatase TiO <sub>2</sub> films on FTO glass for promising solar cells. Materials Letters, 2012, 69, 59-62.	2.6	24
41	Electrophoretic Deposition of CoFe <sub>2</sub> O <sub>4</sub> Nanograins Dispersed in a Laser Ablated BaTiO <sub>3</sub> Matrix. Ferroelectrics, 2011, 421, 66-71.	0.6	6
42	Production of Polar $\beta$ -Glycine Nanofibers with Enhanced Nonlinear Optical and Piezoelectric Properties. Crystal Growth and Design, 2011, 11, 4288-4291.	3.0	48
43	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
44	Barium Titanate Thin Films Deposited by Electrophoresis on $\text{p}$ -Doped Si(001) Substrates. Journal of Nanoscience and Nanotechnology, 2011, 11, 8700-8704.	0.9	0
45	High-Field Magnetoresistance of La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> Thin Films Deposited on LiNbO <sub>3</sub> Substrates. Journal of Low Temperature Physics, 2010, 159, 156-159.	1.4	3
46	Structural and magnetic characterization of LaSrMnO <sub>3</sub> thin films deposited by laser ablation on MgO substrates. Journal of Magnetism and Magnetic Materials, 2010, 322, 1174-1177.	2.3	16
47	Influence of the surface morphology and microstructure on the biological properties of Ti $\text{--}$ Si $\text{--}$ Ca $\text{--}$ N $\text{--}$ O coatings. Thin Solid Films, 2010, 518, 5694-5699.	1.8	11
48	Structural and Raman characterization of nanogranular BaTiO <sub>3</sub> -NiFe <sub>2</sub> O <sub>4</sub> 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
49	Piezoresponse force microscopy studies of the triglycine sulfate-based nanofibers. Journal of Applied Physics, 2010, 108, .	2.5	15
50	Cobalt ferrite thin films deposited by electrophoresis on $\text{p}$ -doped Si substrates. Journal of Physics: Conference Series, 2010, 200, 072009.	0.4	6
51	La <sub>2/3</sub> Sr <sub>1/3</sub> MnO <sub>3</sub> thin films deposited by laser ablation on lithium niobate substrates. Journal of Physics: Conference Series, 2010, 200, 052007.	0.4	2
52	High nonlinear optical anisotropy of urea nanofibers. Europhysics Letters, 2010, 91, 28007.	2.0	15
53	Synthesis of polymer-based triglycine sulfate nanofibres by electrospinning. Journal Physics D: Applied Physics, 2009, 42, 205403.	2.8	3
54	Influence of Grain Size Dispersion on the Magnetic Properties of Nanogranular BaTiO <sub>3</sub> -CoFe <sub>2</sub> O <sub>4</sub> Thin Films. Journal of Nanoscience and Nanotechnology, 2009, 9, 3742-3746.	0.9	5

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55	XRD and FTIR analysis of TiO <sub>2</sub> /SiO <sub>2</sub> /TiO <sub>2</sub> coatings for biomedical applications. Surface and Coatings Technology, 2008, 203, 490-494.	4.8	31
56	Structural and magnetic properties of CoFe <sub>2</sub> O <sub>4</sub> thin films deposited by laser ablation on Si (001) substrates. Vacuum, 2008, 82, 1437-1440.	3.5	22
57	Temperature Dependence of the Dielectric Permittivity of BaTiO <sub>3</sub> -CoFe <sub>2</sub> O <sub>4</sub> Ceramic Composites. Ferroelectrics, 2008, 367, 15-22.	0.6	3
58	Stress induced magnetic anisotropy on BaTiO <sub>3</sub> /CoFe <sub>2</sub> O <sub>4</sub> nanogranular composite thin films. Journal of Non-Crystalline Solids, 2008, 354, 5250-5252.	3.1	10
59	Nanogranular BaTiO <sub>3</sub> /CoFe <sub>2</sub> O <sub>4</sub> thin films deposited by pulsed laser ablation. Journal of Applied Physics, 2007, 101, 09M101.	2.5	11
60	Determination of infrared optical parameters of SrTiO <sub>3</sub> thin films from the reflectivity spectrum. Thin Solid Films, 2006, 513, 275-282.	1.8	11
61	Structural and Electrical Characterization of Lead Metaniobate Thin Films Deposited by Pulsed Laser Ablation. Ferroelectrics, 2006, 335, 201-209.	0.6	3
62	Infrared characterization of strontium titanate thin films. Applied Surface Science, 2004, 238, 395-399.	6.1	4
63	Annealing Induced Ordering of SrTiO <sub>3</sub> Thin Films Deposited by Laser Ablation Over Si Substrates. Integrated Ferroelectrics, 2004, 63, 149-154.	0.7	2
64	Structural and optical characterization of WO <sub>3</sub> deposited on glass and ITO. Vacuum, 2002, 64, 287-291.	3.5	37
65	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
66	Ergodicity breaking in strontium calcium titanate. Journal of Physics Condensed Matter, 2001, 13, 2615-2626.	1.8	3
67	Modeling of polar clusters in disordered perovskites: The S-K model with tunneling. Ferroelectrics, 2000, 239, 205-212.	0.6	1
68	Magnetoresistance enhancement in specular, bottom-pinned, Mn <sub>83</sub> Ir <sub>17</sub> spin valves with nano-oxide layers. Applied Physics Letters, 2000, 77, 1020.	3.3	82
69	Simulation of the interband and intraband electron-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
70	Ion beam deposition of Mn-Ir spin valves. IEEE Transactions on Magnetism, 1999, 35, 4361-4367.	2.1	125
71	The effect of substrate bias on the properties of NiO/NiFe and NiO/CoFe exchange biased spin-valve sensors. IEEE Transactions on Magnetism, 1998, 34, 3772-3777.	2.1	6
72	Design, fabrication, and wafer level testing of (NiFe/Cu) <sub>x</sub> / dual stripe GMR sensors. IEEE Transactions on Magnetism, 1997, 33, 2905-2907.	2.1	10

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73	Interlayer coupling across an alloy spacer: Co/Cu75Au25 multilayers. Journal of Magnetism and Magnetic Materials, 1997, 173, 155-162.	2.3	2
74	Critical behaviour of the magnetoresistance of NdRu2Si2 near the Néel point. Journal of Magnetism and Magnetic Materials, 1993, 125, 103-109.	2.3	6