## Marcelo A Pereira-Da-Silva

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5840089/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	High-performance supercapacitor electrode based on a layer-by-layer assembled maghemite/magnetite/reduced graphene oxide nanocomposite film. Journal of Electroanalytical Chemistry, 2022, 908, 116123.	3.8	3
2	Multilayered iron oxide/reduced graphene oxide nanocomposite electrode for voltammetric sensing of bisphenol-A in lake water and thermal paper samples. Science of the Total Environment, 2021, 763, 142985.	8.0	15
3	Voltammetric Detection of Ethinylestradiol in Water and Synthetic Urine Samples using a Ni(II) Phthalocyanine/Iron Oxide Nanocomposite Electrode. Electroanalysis, 2021, 33, 609-617.	2.9	4
4	Graphene Oxide Theranostic Effect: Conjugation of Photothermal and Photodynamic Therapies Based on an in vivo Demonstration. International Journal of Nanomedicine, 2021, Volume 16, 1601-1616.	6.7	19
5	Oxidation degree or sheet size: What really matters for the photothermal effect and ecotoxicity of graphene oxide?. FlatChem, 2021, 26, 100231.	5.6	2
6	Monitoring and modeling the deposition of metal nanoparticles on surfaces by impedance. Applied Surface Science, 2021, 544, 148806.	6.1	2
7	Water enabled self-healing polymeric coating with reduced graphene oxide-reinforcement for sensors. Sensors and Actuators Reports, 2021, , 100059.	4.4	0
8	Mycobacterium tuberculosis and Paracoccidioides brasiliensis Formation and Treatment of Mixed Biofilm In Vitro. Frontiers in Cellular and Infection Microbiology, 2021, 11, 681131.	3.9	1
9	Optical properties of the nanocomposite of molybdenum disulphide monolayers/cellulose nanofibrils. Cellulose, 2020, 27, 713-728.	4.9	3
10	Electrocatalytic Oxidation of Ethinyl Estradiol by an Iron Oxide Nanoparticle/Nickel Phthalocyanine Supramolecular Electrode. Journal of Physical Chemistry C, 2020, 124, 19057-19069.	3.1	5
11	Understanding the electronic properties of BaTiO <sub>3</sub> and Er <sup>3+</sup> doped BaTiO <sub>3</sub> films through confocal scanning microscopy and XPS: the role of oxygen vacancies. Physical Chemistry Chemical Physics, 2020, 22, 15022-15034.	2.8	44
12	Dielectric Permittivity and Surface Charge Density in Layer-by-Layer Poly(diallyldimethylammonium) Tj ETQq0 0 0 Nano Materials, 2020, 3, 1749-1754.	rgBT /Ove 5.0	erlock 10 Tf 5 5
13	Antifungal activity ofÂ2â€2-hydroxychalcone loaded in nanoemulsion against <i>Paracoccidioides</i> spp Future Microbiology, 2020, 15, 21-33.	2.0	18
14	Synthesis and Characterization of Nanostructured Lipid Nanocarriers for Enhanced Sun Protection Factor of Octyl p-methoxycinnamate. AAPS PharmSciTech, 2020, 21, 125.	3.3	15
15	Metal enhanced fluorescence using nanostructures on silver formed with Ti: Saphire femtosecond pulsed laser. , 2020, , .		0
16	Growth process and grain boundary defects in Er doped BaTiO3 processed by EB-PVD: A study by XRD, FTIR, SEM and AFM. Applied Surface Science, 2019, 493, 982-993.	6.1	29
17	Enhanced mobility and controlled transparency in multilayered reduced graphene oxide quantum dots: a charge transport study. Nanotechnology, 2019, 30, 275701.	2.6	11
18	The maize stem as a potential source of cellulose nanocrystal: Cellulose characterization from its phenological growth stage dependence. Industrial Crops and Products, 2019, 133, 232-240.	5.2	23

#	Article	IF	CITATIONS
19	Graphene Oxide Mediated Broad-Spectrum Antibacterial Based on Bimodal Action of Photodynamic and Photothermal Effects. Frontiers in Microbiology, 2019, 10, 2995.	3.5	55
20	Copper(II) complex-loaded castor oil-based nanostructured lipid carriers used against : Development, characterisation, and biological assays. Die Pharmazie, 2019, 74, 715-720.	0.5	8
21	Experimental and computational investigation of reduced graphene oxide nanoplatelets stabilized in poly(styrene sulfonate) sodium salt. Journal of Materials Science, 2018, 53, 10049-10058.	3.7	14
22	Magnetic studies of layer-by-layer assembled polyvinyl alcohol/iron oxide nanofilms. Physical Chemistry Chemical Physics, 2018, 20, 26696-26709.	2.8	6
23	Photocatalytic Method for the Simultaneous Synthesis and Immobilization of Ag Nanoparticles onto Solid Substrates. Journal of Physical Chemistry C, 2018, 122, 24110-24119.	3.1	5
24	Poly(allylamine hydrochloride) (PAH) and Bovine Serum Albumin (BSA) Protein Nanostructured as Layer-by-Layer Thin Films. Journal of Nanoscience and Nanotechnology, 2018, 18, 3908-3915.	0.9	3
25	Annealing temperature dependence of local piezoelectric response of (Pb,Ca)TiO3 ferroelectric thin films. Ceramics International, 2017, 43, 5047-5052.	4.8	2
26	Nanoscale investigation of ferroelectric and piezoelectric properties in (Pb,Ca)TiO3 thin films grown on LaNiO3/LaAlO3(1 0 0) and Pt/Si(1 1 1) using piezoresponse force microscopy. Materials Letters, 2017, 196, 64-68.	2.6	4
27	Electrochemical oxidation of salicylic acid at ITO substrates modified with layer-by-layer films of carbon nanotubes and iron oxide nanoparticles. Journal of Electroanalytical Chemistry, 2017, 805, 53-59.	3.8	16
28	Charge carrier transport in defective reduced graphene oxide as quantum dots and nanoplatelets in multilayer films. Nanotechnology, 2017, 28, 495711.	2.6	14
29	Effects of defects, grain size, and thickness on the optical properties of BaTiO3 thin films. Journal of Luminescence, 2017, 192, 969-974.	3.1	18
30	The role of polymer films on the oxidation of magnetite nanoparticles. Journal of Solid State Chemistry, 2017, 246, 57-64.	2.9	21
31	Copper spherical cavity arrays: Fluorescence enhancement in PFO films. Applied Surface Science, 2017, 392, 1181-1186.	6.1	2
32	Curcumin-loaded cationic solid lipid nanoparticles as a potential platform for the treatment of skin disorders. Die Pharmazie, 2017, 72, 721-727.	0.5	13
33	Analysis of the Early Stages and Evolution of Dental Enamel Erosion. Brazilian Dental Journal, 2016, 27, 313-317.	1.1	9
34	Influence of thermal treatment time on structural and physical properties of polyimide films at beginning of carbonization. Polymer Degradation and Stability, 2016, 129, 399-407.	5.8	10
35	Structural characterization of complexes prepared with glycerol monoestearate and maize starches with different amylose contents. Carbohydrate Polymers, 2016, 148, 371-379.	10.2	45
36	Accelerated Sonochemical Extraction of Cellulose Nanowhiskers. Journal of Nanoscience and Nanotechnology, 2016, 16, 6535-6539.	0.9	6

#	Article	IF	CITATIONS
37	Effective transcutaneous immunization using a combination of iontophoresis and nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2439-2448.	3.3	42
38	Structural, optical, magnetic, ferroelectric, and piezoelectric properties of (Pb,Ba)(Ti,Fe)O <sub>3</sub> perovskites: a macroscopic and nanoscale properties approach. Journal of Materials Chemistry C, 2016, 4, 9331-9342.	5.5	10
39	Plasmon-photon conversion to near-infrared emission from Yb3+: (Au/Ag-nanoparticles) in tungsten-tellurite glasses. Scientific Reports, 2016, 6, 18464.	3.3	18
40	Grain size and interfacial interdiffusion influence on the magnetic and dielectric properties of magnetoelectric La0.7Ba0.3MnO3–BaTiO3 composites. Journal of Magnetism and Magnetic Materials, 2016, 407, 160-166.	2.3	15
41	Structure–property relationship of new polyimide–organically modified silicate–phosphotungstic acid hybrid material system. Journal of Materials Science, 2016, 51, 4815-4824.	3.7	7
42	On the Performance Degradation of Poly(3-Hexylthiophene) Field-Effect Transistors. IEEE Transactions on Device and Materials Reliability, 2015, 15, 342-351.	2.0	6
43	Optical absorbance of P3HT thin films used to estimate simultaneously thin-film thickness and morphology for gas sensing. Proceedings of SPIE, 2015, , .	0.8	0
44	Cellulose nanocrystals from natural fiber of the macrophyte Typha domingensis: extraction and characterization. Cellulose, 2015, 22, 449-460.	4.9	41
45	Enhanced Sensitivity of Gas Sensor Based on Poly(3-hexylthiophene) Thin-Film Transistors for Disease Diagnosis and Environment Monitoring. Sensors, 2015, 15, 9592-9609.	3.8	51
46	Effect of Fe-doping on the structural, microstructural, optical, and ferroeletric properties of Pb1/2Sr1/2Ti1â"xFexO3 oxide prepared by spin coating technique. Materials Letters, 2015, 138, 179-183.	2.6	14
47	Softâ€lithography of ordered block copolymer nanostructures. Micro and Nano Letters, 2015, 10, 414-418.	1.3	2
48	Iron Oxide Nanostructured Electrodes for Detection of Copper(II) Ions. Journal of Nanoscience and Nanotechnology, 2014, 14, 6614-6623.	0.9	14
49	Structural and electrical properties of LaNiO3 thin films grown on (100) and (001) oriented SrLaAlO4 substrates by chemical solution deposition method. Materials Research Society Symposia Proceedings, 2014, 1633, 25-33.	0.1	2
50	Annealing time on carrier dynamics of ZnTe nanoparticles embedded in a near ultraviolet-transparent glass. Chemical Physics Letters, 2014, 599, 146-153.	2.6	7
51	Molds and Resists Studies for Nanoimprint Lithography of Electrodes in Low-Voltage Polymer Thin-Film Transistors. Journal of Electronic Materials, 2014, 43, 1317-1325.	2.2	4
52	Reduced graphene oxide multilayers for gas and liquid phases chemical sensing. RSC Advances, 2014, 4, 17917.	3.6	31
53	Ferroelectric and structural instability of (Pb,Ca)TiO3 thin films prepared in an oxygen atmosphere and deposited on LSCO thin films which act as a buffer layer. Ceramics International, 2014, 40, 4085-4093.	4.8	6
54	High red emission intensity of Eu:Y2O3 films grown on Si(1 0 0)/Si(1 1 1) by electron beam evaporation. Journal of Luminescence, 2014, 148, 186-191.	3.1	14

#	Article	IF	CITATIONS
55	Dielectric properties of cobalt ferrite nanoparticles in ultrathin nanocomposite films. Physical Chemistry Chemical Physics, 2013, 15, 19853.	2.8	35
56	Structural and electrical properties of LaNiO3 thin films grown on (100) and (001) oriented SrLaAlO4 substrates by chemical solution deposition method. Ceramics International, 2013, 39, 8025-8034.	4.8	14
57	Bending of Layer-by-Layer Films Driven by an External Magnetic Field. International Journal of Molecular Sciences, 2013, 14, 12953-12969.	4.1	9
58	High near-infrared emission intensity of Er3+-doped zirconium oxide films on a Si(100) substrate. , 2013, , .		3
59	Replication of Submicrometric Organized Structures of Block Copolymer from Coordination-Polymer Templates. Advanced Science, Engineering and Medicine, 2013, 5, 414-419.	0.3	1
60	Layer-by-Layer Assembled Cobalt Ferrite Nanoparticles for Chemical Sensing. Journal of Nanofluids, 2013, 2, 175-183.	2.7	12
61	Temperature-dependent Raman study of thermal parameters in CdS quantum dots. Nanotechnology, 2012, 23, 125701.	2.6	34
62	Titanium surface topography after brushing with fluoride and fluoride-free toothpaste simulating 10 years of use. Journal of Dentistry, 2012, 40, 265-275.	4.1	30
63	Dilute magnetism in Zn1â^'xMnxTe nanocrystals grown in a glass template. Chemical Physics Letters, 2012, 541, 44-48.	2.6	22
64	Cellulose micro/nanofibres from Eucalyptus kraft pulp: Preparation and properties. Carbohydrate Polymers, 2012, 89, 80-88.	10.2	246
65	The composition, structure and optical properties of weakly magnetic Co-containing amorphous Si and Ge films. Materials Chemistry and Physics, 2012, 134, 153-157.	4.0	1
66	Morphology and topography analysis of mesoporous titania templated by micrometric latex sphere arrays. Microporous and Mesoporous Materials, 2012, 152, 84-95.	4.4	4
67	The migration of Mn2+ ions in Cd1â^'Mn S nanocrystals: Thermal annealing control. Solid State Communications, 2012, 152, 337-340.	1.9	9
68	Impact of bleaching pine fibre on the fibre/cement interface. Journal of Materials Science, 2012, 47, 4167-4177.	3.7	47
69	Adsorption of cobalt ferrite nanoparticles within layer-by-layer films: a kinetic study carried out using quartz crystal microbalance. Physical Chemistry Chemical Physics, 2011, 13, 21233.	2.8	22
70	Development of the MnSi1.7 phase in Mn-containing Si films. Materials Chemistry and Physics, 2011, 129, 148-153.	4.0	12
71	Thermal diffusivity of a SNAB glass system doped with CdS nanocrystals and Nd3+. Chemical Physics Letters, 2011, 504, 67-70.	2.6	12
72	Resonant Raman scattering in CdS <sub><i>x</i></sub> Se <sub>1â^'<i>x</i></sub> nanocrystals: effects of phonon confinement, composition, and elastic strain. Journal of Raman Spectroscopy, 2011, 42, 1660-1669.	2.5	37

#	Article	IF	CITATIONS
73	Eu3+ photoluminescence enhancement due to thermal energy transfer in Eu2O3-doped SiO2–B2O3–PbO2 glasses system. Journal of Luminescence, 2011, 131, 850-855.	3.1	43
74	Thermoluminescence, structural and magnetic properties of a Li2O–B2O3–Al2O3 glass system doped with LiF and TiO2. Journal of Luminescence, 2011, 131, 1002-1006.	3.1	11
75	Influence of crystal field potential on the spectroscopic parameters of SiO2·B2O3·PbO glass doped with Nd2O3. Journal of Luminescence, 2011, 131, 1029-1036.	3.1	19
76	Optical spectroscopy of Nd3+ ions in a nanostructured glass matrix. Journal of Luminescence, 2011, 131, 1401-1406.	3.1	21
77	Investigation in SrTiO3-CaTiO3-PbTiO3 ternary thin films by dielectric proprieties and Raman spectroscopy. Journal of Sol-Gel Science and Technology, 2010, 55, 151-157.	2.4	1
78	A morphological view of the sodium 4,4′â€distyrylbiphenyl sulfonate fluorescent brightness distribution on regenerated cellulose fibers. Journal of Applied Polymer Science, 2010, 118, 2321-2327.	2.6	1
79	Confirming the lattice contraction in CdSe nanocrystals grown in a glass matrix by Raman scattering. Journal of Raman Spectroscopy, 2010, 41, 1302-1305.	2.5	35
80	Dynamic formation of SEBS copolymer submicrometric structures. Polymer, 2010, 51, 4145-4151.	3.8	2
81	ZnTe nanocrystal formation and growth control on UV-transparent substrate. Chemical Physics Letters, 2010, 500, 46-48.	2.6	23
82	Surface properties of eucalyptus pulp fibres as reinforcement of cement-based composites. Holzforschung, 2010, 64, .	1.9	7
83	Effect of Mn concentration and atomic structure on the magnetic properties of Ge thin films. Journal of Applied Physics, 2010, 108, 113922.	2.5	7
84	Evidence of magnetic vortices formation in Mn-based sub-micrometre structures embedded in Si–Mn films. Journal Physics D: Applied Physics, 2009, 42, 132002.	2.8	6
85	Effects of strontium and calcium simultaneous substitution on electrical and structural properties of Pb1â°'xâ°'y Ca x Sr y TiO3 thin films. Applied Physics A: Materials Science and Processing, 2009, 96, 731-740.	2.3	3
86	In situ impedance spectroscopy study of the electrochemical corrosion of Ti and Ti–6Al–4V in simulated body fluid at 25°C and 37°C. Corrosion Science, 2009, 51, 2473-2482.	6.6	235
87	Pt/TiO <sub>2</sub> /Poly(vinyl sulfonic acid) Layer-by-Layer Films for Methanol Electrocatalytic Oxidation. Journal of Nanoscience and Nanotechnology, 2009, 9, 6620-6626.	0.9	1
88	Layer-by-layer films of chitosan, poly(vinyl sulfonic acid), and platinum for methanol electrooxidation and oxygen electroreduction. Journal of Power Sources, 2006, 158, 160-163.	7.8	28
89	Self-organization of triblock copolymer patterns obtained by drying and dewetting. European Physical Journal E, 2006, 20, 309-315.	1.6	11
90	High-resolution photoelectron spectroscopy studies on WO3films modified by Ag addition. Journal of Physics Condensed Matter, 2005, 17, 6813-6822.	1.8	26

#	Article	IF	CITATIONS
91	Characterization of indium-tin-oxide films treated by different procedures: effect of treatment time in aqua regia solution. Materials Science and Engineering C, 2004, 24, 595-599.	7.3	9
92	Wormlike Micelles of Block Copolymers:Â Measuring the Linear Density by AFM and Light Scattering. Macromolecules, 2004, 37, 5002-5005.	4.8	44
93	Ag induced modifications on WO3 films studied by AFM, Raman and x-ray photoelectron spectroscopy. Journal Physics D: Applied Physics, 2004, 37, 3383-3391.	2.8	33
94	Dynamic Scale Theory for Characterizing Surface Morphology of Layer-by-Layer Films of Poly(o-methoxyaniline). Journal of Nanoscience and Nanotechnology, 2004, 4, 548-552.	0.9	25
95	Influence of the deposition method on the morphology and elemental composition of SnO2 films for gas sensing: atomic force and X-ray photoemission spectroscopy analysis. Sensors and Actuators B: Chemical, 2003, 92, 67-72.	7.8	25
96	Measuring Molecular Weight by Atomic Force Microscopy. Journal of the American Chemical Society, 2003, 125, 6725-6728.	13.7	110
97	The morphology of layer-by-layer films of polymer/polyelectrolyte studied by atomic force microscopy. Nanotechnology, 2003, 14, 101-108.	2.6	44
98	Effects of Oxygen Partial Pressure and Annealing Temperature on the Formation of Sputtered Tungsten Oxide Films. Journal of the Electrochemical Society, 2002, 149, H81.	2.9	43
99	Synthesis of Molecular Brushes with Gradient in Grafting Density by Atom Transfer Polymerization. Macromolecules, 2002, 35, 3387-3394.	4.8	183
100	Analysis of Polyaniline Films Using Atomic Force Microscopy. Molecular Crystals and Liquid Crystals, 2002, 374, 191-200.	0.9	1
101	Surface chemistry of the iron tetraazamacrocycle on the aminopropyl-modified surface of oxidized n-Si(100) by AFM and XPS. Surface and Interface Analysis, 2002, 33, 293-298.	1.8	42
102	Langmuir-Blodgett films of ruthenium phosphine complexes characterized by Atomic Force Microscopy. Synthetic Metals, 2001, 121, 1425-1426.	3.9	2
103	Atomic Force Microscopy (AFM) Investigation of Langmuir-Blodgett (LB) Films of Sugar Cane Bagasse Lignin. Holzforschung, 2000, 54, 55-60.	1.9	25
104	Microstructure and dielectric properties of (Ba,Sr)TiO <sub>3</sub> thin film produced by the polymeric precursor method. Journal of Materials Research, 2000, 15, 1176-1181.	2.6	15
105	Insituthickness measurements of ultra-thin multilayer polymer films by atomic force microscopy. Nanotechnology, 1999, 10, 389-393.	2.6	84
106	Optically Induced Birefringence and Surface Relief Gratings in Composite Langmuirâ^'Blodgett (LB) Films of Poly[4â€~-[[2-(methacryloyloxy)ethyl]ethylamino]-2-chloro-4-nitroazobenzene] (HPDR13) and Cadmium Stearate. Macromolecules, 1999, 32, 1493-1499.	4.8	66
107	Magneto-oscillations in a trapezoidal two-dimensional electron gas grown over GaAs wires. Superlattices and Microstructures, 1998, 24, 197-201.	3.1	4
108	Percolation network in a smooth artificial potential. Physical Review B, 1998, 58, 4636-4643.	3.2	6

#	Article	IF	CITATIONS
109	Morphological, chemical, and electrochemical properties of Ti/(TiO2â€,+â€,IrO2) electrodes. Canadian Journal of Chemistry, 1997, 75, 1483-1493.	1.1	58
110	Oxygen evolution in acid solution on IrO2 + TiO2 ceramic films. A study by impedance, voltammetry and SEM. Electrochimica Acta, 1997, 42, 271-281.	5.2	161
111	Magnetoresistance oscillations in a dimpled two-dimensional electron gas. Surface Science, 1996, 361-362, 855-859.	1.9	5
112	ELectrochemical impedance, SEM, EDX and voltammetric study of oxygen evolution on Ir + Ti + Pt ternary-oxide electrodes in alkaline solution. Electrochimica Acta, 1996, 41, 1279-1285.	5.2	47
113	Absence of delocalised states in a 2D electron gas in a magnetic field below ωcτ=1. Solid State Communications, 1996, 100, 269-273.	1.9	5
114	Oscillation of the scattering time in a 2D electron system with oval antidots. Solid-State Electronics, 1996, 40, 441-446.	1.4	1
115	Chaotic electron dynamics around a single elliptically shaped antidot. Physical Review B, 1996, 54, 13859-13867.	3.2	6
116	Quantum interference effects in a strongly fluctuating magnetic field. Physical Review B, 1996, 53, 13641-13644.	3.2	12
117	Random magnetic field and weak localization effects in a dimpled 2D electron gas. Superlattices and Microstructures, 1995, 18, 67-73.	3.1	4
118	Charge capture in heterostructures with disordered antidot lattice. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1995, 35, 322-324.	3.5	0
119	CU <sup>+</sup> high doping effects in KCl and KBr films. Radiation Effects and Defects in Solids, 1995, 134, 357-360.	1.2	0
120	Optical and structural characterizations of Cu+-doped KCl films. Thin Solid Films, 1994, 250, 273-278.	1.8	6
121	Electrochemical Behavior of Cellulose Nanofibrils Functionalized with Dicyanovinyl Groups. , 0, , .		0