Nara C De Souza

List of Publications by Year
in descending order

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59	652	567281 15	677142 22
papers	citations	h-index	g-index

59	59	59	798
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Immobilization of cholesterol oxidase in LbL films and detection of cholesterol using ac measurements. Materials Science and Engineering C, 2009, 29, 442-447.	7.3	42
2	Using a monocular optical microscope to assemble a wetting contact angle analyser. Measurement: Journal of the International Measurement Confederation, 2013, 46, 3623-3627.	5.0	42
3	Membranes from latex with propolis for biomedical applications. Materials Letters, 2014, 116, 235-238.	2.6	39
4	Interaction of small amounts of bovine serum albumin with phospholipid monolayers investigated by surface pressure and atomic force microscopy. Journal of Colloid and Interface Science, 2006, 297, 546-553.	9.4	35
5	NATURAL RUBBER - PROPOLIS MEMBRANE IMPROVES WOUND HEALING IN SECOND-DEGREE BURNING MODEL. International Journal of Biological Macromolecules, 2019, 131, 980-988.	7.5	30
6	Influence of Solution Treatment on the Adsorption and Morphology of Poly(o-methoxyaniline) Layer-by-Layer Films. Journal of Physical Chemistry B, 2004, 108, 13599-13606.	2.6	26
7	Study of the growth process of in situ polyaniline deposited films. Journal of Colloid and Interface Science, 2007, 316, 292-297.	9.4	26
8	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
9	Morphology characterization of layer-by-layer films from PAH/MA-co-DR13: the role of film thickness. Journal of Colloid and Interface Science, 2005, 285, 544-550.	9.4	25
10	Nanostructured films from phthalocyanine and carbon nanotubes: Surface morphology and electrical characterization. Journal of Colloid and Interface Science, 2012, 367, 467-471.	9.4	25
11	Strategies to Optimize Biosensors Based on Impedance Spectroscopy to Detect Phytic Acid Using Layer-by-Layer Films. Analytical Chemistry, 2010, 82, 3239-3246.	6.5	24
12	Effects of hyperbaric oxygen on Leishmania amazonensis promastigotes and amastigotes. Parasitology International, 2005, 54, 1-7.	1.3	21
13	Adsorption processes in layer-by-layer films of poly(o-methoxyaniline): the role of aggregation. Thin Solid Films, 2003, 428, 232-236.	1.8	19
14	Thermal Stability of Poly(o-Methoxyaniline) Layer-by-Layer Films Investigated by Neutron Reflectivity and UV-VIS Spectroscopy. Journal of Nanoscience and Nanotechnology, 2006, 6, 1396-1404.	0.9	18
15	Brazilian Propolis: A Natural Product That Improved the Fungicidal Activity by Blood Phagocytes. BioMed Research International, 2013, 2013, 1-9.	1.9	17
16	BiO1.5â€“BO1.5â€“GeO2 glass system and crystallization of Bi4Ge3O12 phase. Journal of Non-Crystalline Solids, 2000, 273, 94-99.	3.1	15
17	Enhanced optical and electrical properties of layer-by-layer luminescent films. Journal of Applied Physics, 2003, 94, 5592-5598.	2.5	12
18	Morphological characterization of Langmuirâ€“Blodgett films from polyaniline and a ruthenium complex (Rupy): influence of the relative concentration of Rupy. Nanotechnology, 2007, 18, 075713.	2.6	11

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19	Preparation, characterization and evaluation of drug-delivery systems: Pectin and mefenamic acid films. Thermochimica Acta, 2014, 590, 100-106.	2.7	11
20	Photoinduced birefringence at low temperatures in Langmuirâ€“Blodgett films of azobenzene-functionalized copolymers. Synthetic Metals, 2003, 138, 153-156.	3.9	10
21	Layer-by-layer films from tartrazine dye with bovine serum albumin. Chemical Physics Letters, 2009, 484, 33-36.	2.6	10
22	First report of occurrence of Triatoma williami GalvÃ£o, Souza e Lima, 1965 naturally infected with Trypanosoma cruzi Chagas, 1909 in the State of Mato Grosso, Brazil. Asian Pacific Journal of Tropical Disease, 2011, 1, 245-246.	0.5	10
23	Layer-by-Layer Films from Wine: An Investigation of an Exponential Growth Process. Journal of Nanomaterials, 2013, 2013, 1-7.	2.7	10
24	Ascorbic Acid and BSA Protein in Solution and Films: Interaction and Surface Morphological Structure. BioMed Research International, 2013, 2013, 1-7.	1.9	9
25	Morphological Analysis and Interaction of Chlorophyll and BSA. BioMed Research International, 2014, 2014, 1-6.	1.9	9
26	Diffusion-controlled growth of aggregates in layer-by-layer films of poly(o-methoxyaniline). Synthetic Metals, 2003, 135-136, 121-122.	3.9	8
27	Adsorption kinetics and charge inversion in layer-by-layer films from nickel tetrasulfonated phthalocyanine and poly(allylamine hydrochloride). Journal of Non-Crystalline Solids, 2010, 356, 937-940.	3.1	8
28	Photoinduced orientation in natural rubber. Chemical Physics Letters, 2012, 531, 110-113.	2.6	8
29	Incorporation of triclosan and acridine orange into liposomes for evaluating the susceptibility of Candida albicans. Journal of Photochemistry and Photobiology B: Biology, 2017, 173, 514-521.	3.8	8
30	Fractal analysis and mathematical models for the investigation of photothermal inactivation of Candida albicans using carbon nanotubes. Colloids and Surfaces B: Biointerfaces, 2019, 180, 393-400.	5.0	8
31	H-bonding in entrapped water in poly(o-methoxyaniline): Results from a differential scanning calorimetry study. Thermochimica Acta, 2006, 441, 124-126.	2.7	7
32	Immunosensor for HIV-1 Diagnostics Based on Immobilization of the Antigenic Peptide p24-3 Into Liposomes. Journal of Nanoscience and Nanotechnology, 2014, 14, 6638-6645.	0.9	7
33	Morphological alterations on Citrobacter freundii bacteria induced by erythrosine dye and laser light. Lasers in Medical Science, 2015, 30, 469-473.	2.1	7
34	Immobilization of chlorophyll by using layer-by-layer technique for controlled release systems and photodynamic inactivation. Photodiagnosis and Photodynamic Therapy, 2016, 15, 147-155.	2.6	7
35	Effect of the local morphology in the field emission properties of conducting polymer surfaces. Journal of Physics Condensed Matter, 2013, 25, 285106.	1.8	6
36	Immobilization of triclosan and erythrosine in layer-by-layer films applied to inactivation of microorganisms. Photodiagnosis and Photodynamic Therapy, 2018, 22, 158-165.	2.6	6

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37	Statistical Characterization of Morphological Features of Layer-by-Layer Polymer Films by Image Analysis. Journal of Nanoscience and Nanotechnology, 2003, 3, 257-261.	0.9	6
38	Morphology characterization of films from albumin and erythrosine dye: Effect of experimental procedures. Colloids and Interface Science Communications, 2020, 37, 100290.	4.1	5
39	Langmuirâ€“Blodgett films of diazobenzene molecules. Journal of Colloid and Interface Science, 2008, 327, 31-35.	9.4	4
40	Spray layer-by-layer films for photodynamic inactivation. Photodiagnosis and Photodynamic Therapy, 2016, 15, 197-201.	2.6	4
41	Regioregularity and deposition effect on the physical/chemical properties of polythiophene derivatives films. Nanotechnology, 2019, 30, 325703.	2.6	4
42	Morphology changes induced by laser irradiation on disperse red 13 films prepared by physical vapor deposition. Synthetic Metals, 2003, 137, 1477-1478.	3.9	3
43	Fractal structures in casting films from chlorophyll. Journal of Physics: Conference Series, 2014, 480, 012011.	0.4	3
44	Mathematical models and fractal analysis for the investigation of the photodynamic inactivation in phytopathogenic microorganisms. Colloids and Surfaces B: Biointerfaces, 2018, 171, 285-290.	5.0	3
45	Effects of electric field and temperature on the shape of chlorophyll aggregates in casting films. Thin Solid Films, 2019, 692, 137608.	1.8	3
46	Preparation and characterization of epicuticular wax films. Heliyon, 2019, 5, e01319.	3.2	3
47	Morphological Structure Characterization of PAH/NiTsPc Multilayer Nanostructured Films. Materials Sciences and Applications, 2011, 02, 1661-1666.	0.4	3
48	Structure control of poly(p-phenylene vinylene) in layer-by-layer films by deposition on a charged poly(o-methoxyaniline) cushion. Journal of Applied Physics, 2013, 113, .	2.5	2
49	Photoresponsive Wettability in Monolayer Films from Sinapinic Acid. Scientific World Journal, The, 2013, 2013, 1-6.	2.1	2
50	Tartrazine Dye and Bovine Serum Albumin: the Influence of pH on Adsorption Process. American Journal of Materials Science, 2012, 2, 22-25.	2.0	2
51	Superhydrophobic films obtained from a spraying technique: Electrowetting dependence on the drying condition and ultraviolet irradiation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 517, 12-16.	4.7	1
52	Latex membranes with methylene blue dye for antimicrobial photodynamic therapy. Photochemical and Photobiological Sciences, 2021, 20, 1027-1032.	2.9	1
53	Roughness Control of Layer-by-Layer and Alternative Spray Films from Congo Red and PAH via Laser Light Irradiation. Materials Sciences and Applications, 2012, 03, 552-556.	0.4	1
54	Multifunctional hybrid films from sudan III and multiwalled carbon nanotubes: electrical conduction and photoinduced molecular orientation. Thin Solid Films, 2022, 752, 139248.	1.8	1

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55	Advanced image characterization in scanning probe microscopy. , 0, , .		0
56	Photoproducts Formation from Salicylic Acid and Poly(allylamine hydrochloride) in Aqueous Solution Induced by UV-B Radiation. Advances in Condensed Matter Physics, 2015, 2015, 1-6.	1.1	0
57	Influence of mating and feeding on reproduction pattern of haematophagous bug Triatoma williami GalvÃ£o, Souza & Lima, 1965 (Hemiptera, Triatominae). Journal of Asia-Pacific Entomology, 2018, 21, 1389-1392.	0.9	0
58	Electrowetting on Langmuir-Blodgett films from epicuticular wax. Thin Solid Films, 2020, 713, 138364.	1.8	0
59	AvaliaÃ§Ã£o quantitativa da produÃ§Ã£o de leucÃ³citos e imunoglobulinas em mulheres em tratamento para depressÃ£o. Research, Society and Development, 2020, 9, e535997614.	0.1	0