Everaldo Carlos VenÃ¢ncio

List of Publications by Year
in descending order

27 papers	1,163 citations	623188 14 h-index	525886 27 g-index
27 all docs	27 docs citations	27 times ranked	1831 citing authors

#	Article	IF	Citations
1	Polyaniline, an electroactive polymer, supports adhesion and proliferation of cardiac myoblasts. Journal of Biomaterials Science, Polymer Edition, 2006, 17, 199-212.	1.9	292
2	Tetracycline hydrochloride-loaded electrospun nanofibers mats based on PVA and chitosan for wound dressing. Materials Science and Engineering C, 2017, 77, 271-281.	3.8	237
3	The azanes: A class of material incorporating nano/micro self-assembled hollow spheres obtained by aqueous oxidative polymerization of aniline. Synthetic Metals, 2006, 156, 357-369.	2.1	185
4	Effect of monomer ratio in the electrochemical synthesis of poly(aniline-co-o-methoxyaniline). Solid State Ionics, 2004, 171, 91-98.	1.3	58
5	Thermo-analyses of polyaniline and its derivatives. Thermochimica Acta, 2010, 502, 43-46.	1.2	57
6	Polyaniline and polypyrrole oxygen reversible electrodes. Synthetic Metals, 2007, 157, 303-310.	2.1	44
7	Simplifying the reaction system for the preparation of polyaniline nanofibers: Re-examination of template-free oxidative chemical polymerization of aniline in conventional low-pH acidic aqueous media. Reactive and Functional Polymers, 2009, 69, 217-223.	2.0	38
8	Line patterning of graphite and the fabrication of cheap, inexpensive, â€œthrow-awayâ€•sensors. Sensors and Actuators B: Chemical, 2008, 130, 723-729.	4.0	34
9	Polyaniline-Pt and polypyrrole-Pt nanocomposites: Effect of supporting type and morphology on the nanoparticles size and distribution. Synthetic Metals, 2015, 203, 22-30.	2.1	25
10	First preparation of optical quality films of nano/micro hollow spheres of polymers of aniline. Synthetic Metals, 2007, 157, 758-763.	2.1	23
11	Polyaniline/Carbon black nanocomposites: The role of synthesis conditions on the morphology and properties. Materials Today Communications, 2018, 16, 14-21.	0.9	21
12	Water-dispersible polyaniline/graphene oxide counter electrodes for dye-sensitized solar cells: Influence of synthesis route on the device performance. Solar Energy, 2020, 207, 1202-1213.	2.9	21
13	Electrodeposition of Nickel on Carbon felt. Electrochimica Acta, 2004, 49, 4933-4938.	2.6	20
14	Studies on the interaction between humic substances and conducting polymers for sensor application. Journal of the Brazilian Chemical Society, 2005, 16, 24-30.	0.6	15
15	Detection of Brominated By-Products Using a Sensor Array Based on Nanostructured Thin Films of Conducting Polymers. Sensors, 2007, 7, 3258-3271.	2.1	15
16	Study of poly(o-Ethoxyaniline) interactions with herbicides and evaluation of conductive polymer potential used in electrochemical sensors. Journal of the Brazilian Chemical Society, 2007, 18, 577-584.	0.6	12
17	Synthesis of Nanoparticles and Nanofibers of Polyaniline by Potentiodynamic Electrochemical Polymerization. Journal of Nanoscience and Nanotechnology, 2009, 9, 2169-2172.	0.9	10
18	Poly(acrylic acid)/polypyrrole interpenetrated network as electroâ€responsive hydrogel for biomedical applications. Journal of Applied Polymer Science, 2022, 139, 52091.	1.3	10

#	Article	IF	Citations
19	Flexible Thin Films of Single-Walled Carbon Nanotubes Deposited on Plastic Substrates. Journal of Nanoscience and Nanotechnology, 2009, 9, 567-571.	0.9	9
20	Programmed Molecular Construction: Driving the Self-Assembly by Coordination and Hydrogen Bonds Using 6-(Pyridin-2-yl)-1,3,5-triazine-2,4-diamine with M(NO3)2 Salts. ACS Omega, 2019, 4, 2708-2718.	1.6	9
21	Characteristics of polyaniline electrosynthesized in propylene carbonate medium in the presence of di- and trichloroacetic acids. Journal of the Brazilian Chemical Society, 2001, 12, 526-531.	0.6	8
22	Influence of the pH and substrate immersion time on the adsorption of poly(o-ethoxyaniline) in self-assembled films. Journal of the Brazilian Chemical Society, 2005, 16, 558-564.	0.6	7
23	Voltammetric Determination of Imazaquin Using Polyaniline Modified Carbon Paste Electrode (CPE). Sensor Letters, 2006, 4, 11-16.	0.4	5
24	Agrienergy (Agriculture/Energy): What Does the Future Hold?. Experimental Biology and Medicine, 2006, 231, 1212-1224.	1.1	3
25	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
26	Electroactive nanofibers mats based on poly(l-lactic acid)/poly(ortho-ethoxyaniline) blends for biological applications. Materials Science and Engineering C, 2019, 105, 110045.	3.8	1
27	Exploring the relationship between the surface chemistry and the corrosion behavior of electropolymerized polypyrrole films deposited on the surgical ISO 5832â€1 stainless steel. Surface and Interface Analysis, 2020, 52, 635-644.	0.8	1