

Everaldo Carlos Venâncio

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,163
citations

623188

14
h-index

525886

27
g-index

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all docs

27
docs citations

27
times ranked

1831
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(acrylic acid)/polypyrrole interpenetrated network as electroresponsive hydrogel for biomedical applications. <i>Journal of Applied Polymer Science</i> , 2022, 139, 52091.	1.3	10
2	Water-dispersible polyaniline/graphene oxide counter electrodes for dye-sensitized solar cells: Influence of synthesis route on the device performance. <i>Solar Energy</i> , 2020, 207, 1202-1213.	2.9	21
3	Exploring the relationship between the surface chemistry and the corrosion behavior of electropolymerized polypyrrole films deposited on the surgical ISO 5832 stainless steel. <i>Surface and Interface Analysis</i> , 2020, 52, 635-644.	0.8	1
4	Electroactive nanofibers mats based on poly(L-lactic acid)/poly(ortho-ethoxyaniline) blends for biological applications. <i>Materials Science and Engineering C</i> , 2019, 105, 110045.	3.8	1
5	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(NO ₃) ₂ Salts. <i>ACS Omega</i> , 2019, 4, 2708-2718.	1.6	9
6	Polyaniline/Carbon black nanocomposites: The role of synthesis conditions on the morphology and properties. <i>Materials Today Communications</i> , 2018, 16, 14-21.	0.9	21
7	Poly(allylamine hydrochloride) (PAH) and Bovine Serum Albumin (BSA) Protein Nanostructured as Layer-by-Layer Thin Films. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 3908-3915.	0.9	3
8	Tetracycline hydrochloride-loaded electrospun nanofibers mats based on PVA and chitosan for wound dressing. <i>Materials Science and Engineering C</i> , 2017, 77, 271-281.	3.8	237
9	Polyaniline-Pt and polypyrrole-Pt nanocomposites: Effect of supporting type and morphology on the nanoparticles size and distribution. <i>Synthetic Metals</i> , 2015, 203, 22-30.	2.1	25
10	Thermo-analyses of polyaniline and its derivatives. <i>Thermochimica Acta</i> , 2010, 502, 43-46.	1.2	57
11	Synthesis of Nanoparticles and Nanofibers of Polyaniline by Potentiodynamic Electrochemical Polymerization. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 2169-2172.	0.9	10
12	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. <i>Reactive and Functional Polymers</i> , 2009, 69, 217-223.	2.0	38
13	Flexible Thin Films of Single-Walled Carbon Nanotubes Deposited on Plastic Substrates. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 567-571.	0.9	9
14	Line patterning of graphite and the fabrication of cheap, inexpensive, "throw-away" sensors. <i>Sensors and Actuators B: Chemical</i> , 2008, 130, 723-729.	4.0	34
15	Polyaniline and polypyrrole oxygen reversible electrodes. <i>Synthetic Metals</i> , 2007, 157, 303-310.	2.1	44
16	First preparation of optical quality films of nano/micro hollow spheres of polymers of aniline. <i>Synthetic Metals</i> , 2007, 157, 758-763.	2.1	23
17	Detection of Brominated By-Products Using a Sensor Array Based on Nanostructured Thin Films of Conducting Polymers. <i>Sensors</i> , 2007, 7, 3258-3271.	2.1	15
18	Study of poly(o-Ethoxyaniline) interactions with herbicides and evaluation of conductive polymer potential used in electrochemical sensors. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 577-584.	0.6	12

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19	Polyaniline, an electroactive polymer, supports adhesion and proliferation of cardiac myoblasts. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2006, 17, 199-212.	1.9	292
20	The azanes: A class of material incorporating nano/micro self-assembled hollow spheres obtained by aqueous oxidative polymerization of aniline. <i>Synthetic Metals</i> , 2006, 156, 357-369.	2.1	185
21	Agrienergy (Agriculture/Energy): What Does the Future Hold?. <i>Experimental Biology and Medicine</i> , 2006, 231, 1212-1224.	1.1	3
22	Voltammetric Determination of Imazaquin Using Polyaniline Modified Carbon Paste Electrode (CPE). <i>Sensor Letters</i> , 2006, 4, 11-16.	0.4	5
23	Influence of the pH and substrate immersion time on the adsorption of poly(o-ethoxyaniline) in self-assembled films. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 558-564.	0.6	7
24	Studies on the interaction between humic substances and conducting polymers for sensor application. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 24-30.	0.6	15
25	Effect of monomer ratio in the electrochemical synthesis of poly(aniline-co-o-methoxyaniline). <i>Solid State Ionics</i> , 2004, 171, 91-98.	1.3	58
26	Electrodeposition of Nickel on Carbon felt. <i>Electrochimica Acta</i> , 2004, 49, 4933-4938.	2.6	20
27	Characteristics of polyaniline electrosynthesized in propylene carbonate medium in the presence of di- and trichloroacetic acids. <i>Journal of the Brazilian Chemical Society</i> , 2001, 12, 526-531.	0.6	8