

# Roger Goncalves

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/480197/publications.pdf>

Version: 2024-02-01

20  
papers

353  
citations

932766

10  
h-index

839053

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

476  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergic effect of silver nanoparticles and carbon nanotubes on the simultaneous voltammetric determination of hydroquinone, catechol, bisphenol A and phenol. <i>Mikrochimica Acta</i> , 2018, 185, 12.	2.5	111
2	A new generation of electrochemical supercapacitors based on layer-by-layer polymer films. <i>Journal of Power Sources</i> , 2016, 303, 73-80.	4.0	38
3	Pristine carbon nitride as active material for high-performance metal-free supercapacitors: simple, easy and cheap. <i>RSC Advances</i> , 2018, 8, 35327-35336.	1.7	35
4	Oxygen reduction reaction: Semi-empirical quantum mechanical and electrochemical study of Printex L6 carbon black. <i>Carbon</i> , 2020, 156, 1-9.	5.4	22
5	The Overoxidation of poly(3-hexylthiophene) (P3HT) Thin Film: CV and EIS measurements. <i>International Journal of Electrochemical Science</i> , 2017, , 1983-1991.	0.5	20
6	Counter-ion and humidity effects on electromechanical properties of Nafion®/Pt composites. <i>Materials Chemistry and Physics</i> , 2020, 244, 122674.	2.0	19
7	Nafion-based ionomeric polymer/metal composites operating in the air: theoretical and electrochemical analysis. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1845-1856.	1.2	15
8	INVESTIGATION OF THE ELECTROCHEMICAL AGING OF POLY(3-HEXYLTIOPHENE) USING IMPEDANCE SPECTROSCOPY. <i>Electrochimica Acta</i> , 2016, 190, 329-336.	2.6	14
9	Gluconate action in the hydration of calcium aluminate cements: Theoretical study, processing of aqueous suspensions and hydration reactivation. <i>Journal of the European Ceramic Society</i> , 2019, 39, 2748-2759.	2.8	14
10	The methanol and CO electro-oxidation onto Pt/C/Co/Pt metallic multilayer nanostructured electrodes: An experimental and theoretical approach. <i>Electrochimica Acta</i> , 2018, 280, 197-205.	2.6	13
11	Optimization of electrochemical capacitor stability of poly(o-methoxyaniline)-poly(3-thiophene acetic) Tj ETQq1 1 0,784314 rgBT /Overl	2.6	9
12	Electromechanical Evaluation of Ionomeric Polymer-Metal Composites Using Video Analysis. <i>Materials Research</i> , 2021, 24, .	0.6	9
13	Amino acid-driven hydrophobization of alumina and production of particle stabilised foams in a broader pH range. <i>Journal of the European Ceramic Society</i> , 2020, 40, 4243-4252.	2.8	7
14	Reduced graphene oxide enhancing the photoelectrochemical properties of poly(3-hexylthiophene). <i>Carbon</i> , 2016, 109, 57-64.	5.4	6
15	Properties improvement of poly(o-methoxyaniline) based supercapacitors: experimental and theoretical behaviour study of self-doping effect. <i>Electrochimica Acta</i> , 2017, 228, 57-65.	2.6	6
16	The electropolymerization of several poly(3-methylthiophene) films in the same used solution and its consequence in their properties. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	6
17	Improving the swelling, mechanical, and electrical properties in natural rubber latex/carbon nanotubes nanocomposites: Effect of the sonication method. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	6
18	Calculation of real growth current using variable electroactive area obtained during polypyrrole synthesis. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 1567-1577.	1.2	2

#	ARTICLE	IF	CITATIONS
19	Mapping the electronic structure of polypyrrole with image-based electrochemical scanning tunneling spectroscopy. <i>Electrochemical Science Advances</i> , 0, , e2100028.	1.2	1
20	Chemometric Evaluation of Poly(3-hexylthiophene) Electrochemical Aging Path as a Function of Electrochemical Synthesis Variables. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0