

Emanuel Airton de Oliveira Farias

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

288
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

464
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical sensors and biosensors for the analysis of antineoplastic drugs. <i>Biosensors and Bioelectronics</i> , 2018, 108, 27-37.	10.1	103
2	Layer-by-Layer films based on biopolymers extracted from red seaweeds and polyaniline for applications in electrochemical sensors of chromium VI. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2015, 200, 9-21.	3.5	31
3	A thin PANI and carrageenanâ€“gold nanoparticle film on a flexible gold electrode as a conductive and low-cost platform for sensing in a physiological environment. <i>Journal of Materials Science</i> , 2017, 52, 13365-13377.	3.7	21
4	Development and characterization of multilayer films of polyaniline, titanium dioxide and CTAB for potential antimicrobial applications. <i>Materials Science and Engineering C</i> , 2014, 35, 449-454.	7.3	19
5	Immobilization of cationic antimicrobial peptides and natural cashew gum in nanosheet systems for the investigation of anti-leishmanial activity. <i>Materials Science and Engineering C</i> , 2016, 59, 549-555.	7.3	19
6	Chemically modified babassu coconut (<i>Orbignya sp.</i>) biopolymer: characterization and development of a thin film for its application in electrochemical sensors. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	16
7	Composite films based on copper nanoparticles and nickel phthalocyanine as electrochemical sensors for serotonin detection. <i>Surfaces and Interfaces</i> , 2021, 25, 101245.	3.0	12
8	Layer-by-layer hybrid films of phosphate cellulose and electroactive polymer as chromium (VI) sensors. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2129-2139.	2.5	11
9	Layer-by-layer films containing peptides of the Cry1Ab16 toxin from <i>Bacillus thuringiensis</i> for potential biotechnological applications. <i>Materials Science and Engineering C</i> , 2016, 61, 832-841.	7.3	11
10	Blend films based on biopolymers extracted from babassu mesocarp (<i>Orbignya phalerata</i>) for the electrochemical detection of methotrexate antineoplastic drug. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 3153-3164.	2.5	11
11	Development of a low-cost electrochemical sensor based on babassu mesocarp (<i>Orbignya phalerata</i>) immobilized on a flexible gold electrode for applications in sensors for 5-fluorouracil chemotherapeutics. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 659-667.	3.7	11
12	Development and characterization of hybrid films based on agar and alizarin red S for applications as non-enzymatic sensors for hydrogen peroxide. <i>Journal of Materials Science</i> , 2016, 51, 7093-7107.	3.7	9
13	Development and characterization of composites based on polyaniline and modified microcrystalline cellulose with anhydride maleic as platforms for electrochemical trials. <i>Colloid and Polymer Science</i> , 2015, 293, 1049-1058.	2.1	7
14	Norbixin extracted from urucum (<i>Bixa orellana L.</i>) for the formation of conductive composites with potential applications in electrochemical sensors. <i>Surfaces and Interfaces</i> , 2018, 13, 92-100.	3.0	6
15	Peptide isolated from Cry1Ab16 toxin present in <i>Bacillus thuringiensis</i> : Synthesis and morphology data for layer-by-layer films studied by atomic force microscopy. <i>Data in Brief</i> , 2016, 8, 114-119.	1.0	1