

Adriano L Souza, A L Souza, A Lopes De

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Interaction of O-acylated chitosans with biomembrane models: Probing the effects from hydrophobic interactions and hydrogen bonding. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 53-59.	2.5	32
2	Low molecular-weight chitosans are stronger biomembrane model perturbants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 104, 48-53.	2.5	31
3	Experimental evidence for the mode of action based on electrostatic and hydrophobic forces to explain interaction between chitosans and phospholipid Langmuir monolayers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 201-207.	2.5	26
4	Local Structure and Photochromic Response in Ormosils Containing Dodecatungstophosphoric Acid. <i>Chemistry of Materials</i> , 2011, 23, 953-963.	3.2	22
5	Immobilization of marine fungi on silica gel, silica xerogel and chitosan for biocatalytic reduction of ketones. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 84, 160-165.	1.8	21
6	Preparation, characterization and photochromic behavior of phosphotungstic acid-ormosil nanocomposites. <i>Materials Chemistry and Physics</i> , 2015, 153, 410-421.	2.0	18
7	Understanding the biocide action of poly(hexamethylene biguanide) using Langmuir monolayers of dipalmitoyl phosphatidylglycerol. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 132, 117-121.	2.5	16
8	Self-assembled hybrid films of phosphotungstic acid and aminoalkoxysilanes on SiO ₂ /Si surfaces. <i>Thin Solid Films</i> , 2012, 520, 3574-3580.	0.8	12
9	Surface structure and reactivity study of phosphotungstic acid-nitrogenated ormosils. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 66, 363-371.	1.1	10
10	Chitosan does not inhibit enzymatic action of human pancreatic lipase in Langmuir monolayers of 1,2-didecanoyl-glycerol (DDG). <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 870-877.	2.5	10
11	Poly(dimethylsiloxane) as a pre-coating in layer-by-layer films containing phosphotungstate nanoclusters electrochemically sensitive toward s-triazines. <i>RSC Advances</i> , 2014, 4, 29612.	1.7	10
12	Semifluorinated thiols in Langmuir monolayers – A study by nonlinear and linear vibrational spectroscopies. <i>Journal of Colloid and Interface Science</i> , 2015, 460, 290-302.	5.0	9
13	Exploring electrochemical reactivity toward ametryn of hybrid silicate films with phosphomolybdic acid. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2018, 229, 13-19.	1.7	6
14	A simple process to tune wettability of pectin-modified silanized glass. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 577, 67-74.	2.3	5
15	Liposome-Based Biosensors Using Phytase Immobilized on Polypyrrole Films for Phytic Acid Determination. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 847-851.	2.0	3
16	Performance eletrocatalítica frente a nitrito de um filme híbrido de fosfomolibdato e sílica organomodificada. <i>Revista Materia</i> , 2019, 24, .	0.1	1
17	Dominant hydrophobic interactions with β -glucan in nanoarchitectonics with mixed Langmuir monolayers of cholesterol/dipalmitoyl phosphatidyl choline. <i>Biointerphases</i> , 2022, 17, .	0.6	1
18	A THIN FILM WITH PHOSPHOTUNGSTATE NANOCLUSTERS: AN ALTERNATIVE TO MATERIALS SCIENTISTS INVESTIGATE THE ELECTROREDUCTION OF HEXAZINONE. , 0, , 15-28.		0

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19	Atividade eletrocatalítica de um filme de ormosil híbrido contendo ácido fosfomolibdico para o herbicida prometon. Revista Materia, 2020, 25, .	0.1	0
20	Influência da catálise ácida e básica na síntese de xerogéis de sílica para a adsorção de azul de metileno em meio aquoso. Research, Society and Development, 2021, 10, e132101522524.	0.0	0
21	Eletroatividade para peróxido de hidrogênio de um filme de sílica aminofuncionalizada contendo nanoclusters de silicotungstato. Revista Materia, 2022, 27, .	0.1	0
22	Efeito da modificação de um xerogel de sílica por dodecilsulfato de sódio para a adsorção do corante violeta cristal em meio aquoso. Research, Society and Development, 2021, 10, e78101724470.	0.0	0