

Alexandre Urbano

List of Publications by Year in descending order

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48
papers

956
citations

471371

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49
docs citations

49
times ranked

1671
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver nanowire synthesis analyzing NaCl, CuCl ₂ , and NaBr as halide salt with additional thermal, acid, and solvent post-treatments for transparent and flexible electrode applications. Applied Nanoscience (Switzerland), 2022, 12, 205-213.	1.6	5
2	Modified sol-gel synthesis of lithium ternary oxide. Semina: Ciências Exatas E Tecnológicas, 2022, 43, 21.	0.3	0
3	Effect of RF magnetron sputtering parameters on the optimization of the discharge capacity of ternary lithium oxide thin films. Journal of Materials Science: Materials in Electronics, 2021, 32, 17462-17472.	1.1	0
4	Modeling the kinetics of potentially toxic elements desorption in sediment affected by a dam breakdown disaster in Doce River - Brazil. Chemosphere, 2021, 283, 131157.	4.2	7
5	Influence of the hydrogen content on the optical properties of TiO _x thin films. Journal of Materials Science: Materials in Electronics, 2020, 31, 1672-1680.	1.1	1
6	Modified hydrotalcite for phosphorus slow-release: Kinetic and sorption-desorption processes in clayey and sandy soils from North of Paraná state (Brazil). Applied Clay Science, 2020, 197, 105759.	2.6	13
7	Study of the formation of ferrihydrite under prebiotic chemistry conditions: artificial seawater 4.0 Gy and ammonium thiocyanate. International Journal of Astrobiology, 2020, 19, 462-473.	0.9	3
8	Magnetite Synthesis in the Presence of Cyanide or Thiocyanate under Prebiotic Chemistry Conditions. Life, 2020, 10, 34.	1.1	5
9	X-ray diffraction has limited applicability in investigation of milk tampering. Journal of Dairy Research, 2019, 86, 337-340.	0.7	1
10	Enhanced Magnetic Component in Synthetic Goethite (α -FeOOH) and its Relation with Morphological and Structural Characteristics. Physica Status Solidi (B): Basic Research, 2019, 256, 1800578.	0.7	5
11	Films based on cassava starch reinforced with soybean hulls or microcrystalline cellulose from soybean hulls. Food Packaging and Shelf Life, 2019, 20, 100321.	3.3	33
12	Effect of intermediate phases on the optical properties of Pb ₂ -rich CH ₃ NH ₃ Pb ₃ organic-inorganic hybrid perovskite. Physical Chemistry Chemical Physics, 2019, 21, 5253-5261.	1.3	14
13	Commitment Between Roughness and Crystallite Size in the Vanadium Oxide Thin Film opto-electrochemical Properties. Materials Research, 2019, 22, .	0.6	7
14	Preclinical Evaluation of Rutin-Loaded Microparticles with an Enhanced Analgesic Effect. ACS Omega, 2019, 4, 1221-1227.	1.6	15
15	Monochromatic double coloring effect on V ₂ O ₅ thin films deposited by electron beam. Revista Materia, 2019, 24, .	0.1	1
16	The influence of synthesis temperature on the HT-LiCoO ₂ crystallographic properties. Semina: Ciências Exatas E Tecnológicas, 2019, 40, 115.	0.3	0
17	White electroluminescence based on PFO:CdSe(ZnS):P3OT hybrid blends. Synthetic Metals, 2018, 237, 10-15.	2.1	2
18	Study of Interaction Between Glyphosate and Goethite Using Several Methodologies: an Environmental Perspective. Water, Air, and Soil Pollution, 2018, 229, 1.	1.1	15

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19	Sorption-desorption of antimony species onto calcined hydrotalcite: Surface structure and control of competitive anions. <i>Journal of Hazardous Materials</i> , 2018, 344, 649-656.	6.5	26
20	Thickness Effect on the Optical Band Gap of V ₂ O ₅ Thin Films Deposited by Thermal Evaporation. <i>Semina: Ciências Exatas E Tecnológicas</i> , 2018, 38, 59.	0.3	1
21	Dehydroabiatic acid isolated from <i>Pinus elliottii</i> exerts in vitro antileishmanial action by pro-oxidant effect, inducing ROS production in promastigote and downregulating Nrf2/ferritin expression in amastigote forms of <i>Leishmania amazonensis</i> . <i>FÁ-toterapÁ-c</i> , 2018, 128, 224-232.	1.1	32
22	Cost-effective plasmonic device for label-free streptavidin detection. <i>Materials Letters</i> , 2018, 227, 243-246.	1.3	2
23	Tuning the optical properties of luminescent down shifting layers based on organic dyes to increase the efficiency and lifetime of P3HT: PCBM photovoltaic devices. <i>Journal of Luminescence</i> , 2018, 203, 165-171.	1.5	21
24	Production and characterization of bacterial cellulose membranes with hyaluronic acid from chicken comb. <i>International Journal of Biological Macromolecules</i> , 2017, 97, 642-653.	3.6	96
25	Sorption-desorption of selenite and selenate on Mg-Al layered double hydroxide in competition with nitrate, sulfate and phosphate. <i>Chemosphere</i> , 2017, 181, 627-634.	4.2	61
26	Sorption and desorption of silver ions by bentonite clays. <i>Environmental Science and Pollution Research</i> , 2017, 24, 11349-11359.	2.7	9
27	Thickness Measurement of V ₂ O ₅ Nanometric Thin Films Using a Portable XRF. <i>Journal of Spectroscopy</i> , 2016, 2016, 1-7.	0.6	8
28	Alcohol Stability of Milk from the Perspective of X-Ray Diffractometry. <i>Food Biophysics</i> , 2016, 11, 198-205.	1.4	6
29	Goethite (Î±-FeOOH) magnetic transition by ESR, Magnetometry and MÃ¶ssbauer. <i>Materials Chemistry and Physics</i> , 2016, 173, 179-185.	2.0	20
30	Production of solid lipid microparticles loaded with lycopene by spray chilling: Structural characteristics of particles and lycopene stability. <i>Food and Bioproducts Processing</i> , 2016, 98, 86-94.	1.8	51
31	ANALYSIS OF A COMMERCIAL PORTABLE LITHIUM-ION BATTERY UNDER LOW CURRENT CHARGE-DISCHARGE CYCLES. <i>Quimica Nova</i> , 2016, , .	0.3	4
32	OtimizaÃ§Ã£o do processo de extraÃ§Ã£o do pÃ³ de LiCoO ₂ de catodos de baterias de Ãn-lÃtio por dissoluÃ§Ã£o quÃªmica. <i>Semina: CiÃªncias Exatas E TecnolÃ³gicas</i> , 2015, 36, 11.	0.3	1
33	Production and structural characterization of solid lipid microparticles loaded with soybean protein hydrolysate. <i>Food Research International</i> , 2015, 76, 689-696.	2.9	24
34	Properties of microcrystalline cellulose extracted from soybean hulls by reactive extrusion. <i>Food Research International</i> , 2015, 73, 38-43.	2.9	117
35	Characterization of the Adsorption of Nucleic Acid Bases onto Ferrihydrite via Fourier Transform Infrared and Surface-Enhanced Raman Spectroscopy and X-ray Diffractometry. <i>Astrobiology</i> , 2015, 15, 728-738.	1.5	17
36	Surfactant effect on electrochemical-induced synthesis of Î±-Ni(OH) ₂ . <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 497-504.	1.2	18

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37	Structural characterisation and cell viability of a spray dried probiotic yoghurt produced with goats' milk and <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> (BI-07). <i>International Dairy Journal</i> , 2014, 39, 71-77.	1.5	28
38	Diferenciação dos solos em duas toposequências sobre rochas basálticas no norte-central paranaense. <i>Semina: Ciências Agrárias</i> , 2013, 34, 2777.	0.1	1
39	Deposition and characterization of BiVO ₄ thin films and evaluation as photoanodes for methylene blue degradation. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3267-3274.	1.2	20
40	Medida da potência térmica de refrigeração a água de uma bomba de vácuo difusora. <i>Semina: Ciências Exatas E Tecnológicas</i> , 2012, 33, 67-72.	0.3	0
41	Properties of baked foams based on cassava starch, sugarcane bagasse fibers and montmorillonite. <i>Carbohydrate Polymers</i> , 2012, 87, 1302-1310.	5.1	84
42	Li diffusion and electrochromism in amorphous and crystalline vanadium oxide thin film electrodes. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 788-794.	0.6	14
43	Molybdenum Oxide Thin Films Obtained by the Hot-Filament Metal Oxide Deposition Technique. <i>Chemistry of Materials</i> , 2004, 16, 513-520.	3.2	92
44	Electronic structure of Li _x NiO _y thin films. <i>Journal of Power Sources</i> , 2001, 97-98, 328-331.	4.0	8
45	Electrochromism in lithiated nickel oxide films deposited by rf sputtering. <i>Electrochimica Acta</i> , 2001, 46, 2269-2273.	2.6	16
46	The Beer-Lambert law for electrochromic tungsten oxide thin films. <i>Materials Chemistry and Physics</i> , 1999, 61, 143-146.	2.0	28
47	Microfurnace thermomagnetic analyser for the -30°C to 1000°C temperature range. <i>IEEE Transactions on Magnetics</i> , 1996, 32, 4929-4931.	1.2	5
48	Electrochromism in nickel oxide films obtained by thermal decomposition. <i>Journal of Materials Science Letters</i> , 1992, 11, 562-563.	0.5	19