

Tiago Elias Allievi Frizon

List of Publications by Year in Descending Order

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Version: 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

431
citations

12
h-index

20
g-index

31
ext. papers

510
ext. citations

3.6
avg, IF

3.28
L-index

#	Paper	IF	Citations
31	Kinetic Investigation of Iron Ore Pellets Reduction Produced with Marble Waste as Fluxing Material. <i>Jom</i> , 2022 , 74, 439-447	2.1	1
30	Synthesis of 2,1,3-Benzoxadiazole Derivatives as New Fluorophores-Combined Experimental, Optical, Electro, and Theoretical Study. <i>Frontiers in Chemistry</i> , 2020 , 8, 360	5	8
29	Selenylated-oxadiazoles as promising DNA intercalators: Synthesis, electronic structure, DNA interaction and cleavage. <i>Dyes and Pigments</i> , 2020 , 180, 108519	4.6	12
28	Elaboración de escorias sintéticas con residuos de mol y óxido de aluminio utilizados en el proceso de desulfuración de acero. <i>Revista De Metalurgia</i> , 2020 , 56, 174	0.4	
27	Synthesis of Novel Selenocyanates and Evaluation of Their Effect in Cultured Mouse Neurons Submitted to Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 5417024	6.7	8
26	Elucidating Bauhinia variegata lectin/phosphatidylcholine interactions in lectin-containing liposomes. <i>Journal of Colloid and Interface Science</i> , 2018 , 519, 232-241	9.3	11
25	Effect of heteroatom exchange (S/Se) in the mesomorphism and physical properties of benzochalcogenodiazole-based liquid crystals. <i>Dyes and Pigments</i> , 2018 , 157, 109-116	4.6	12
24	Fe ₃ O ₄ Nanoparticles: A Robust and Magnetically Recoverable Catalyst for Direct C-H Bond Selenylation and Sulfenylation of Benzothiazoles. <i>ChemistrySelect</i> , 2018 , 3, 328-334	1.8	29
23	New long-chain donor-acceptor-donor pyromellitic diimide (PMDI) derivatives. A combined theoretical and experimental study. <i>Dyes and Pigments</i> , 2018 , 157, 143-150	4.6	4
22	Synthesis of two new Mo(II) organometallic catalysts immobilized on POSS for application in olefin oxidation reactions. <i>Journal of Organometallic Chemistry</i> , 2017 , 834, 73-82	2.3	6
21	Evaluation of a Thermochromic Liquid Crystal for Use as a Temperature Sensor for Components of Electrical Systems. <i>Materials Research</i> , 2017 , 20, 130-136	1.5	2
20	Synthesis, DNA Interaction and Genotoxic Evaluation of a Photoactive Benzothiadiazole with Potential Application in Photovoltaic Paint. <i>Journal of the Brazilian Chemical Society</i> , 2017 ,	1.5	2
19	Study on the Application of Electric Field to Giant Vesicles Comprised of 1,2-Dilauroyl-Sn-Glycero-3-Phosphatidylcholine Using Optical Fluorescence Microscopy. <i>Materials Research</i> , 2017 , 20, 34-38	1.5	2
18	Copper-Catalyzed Synthesis of Unsymmetrical Diorganyl Chalcogenides (Te/Se/S) from Boronic Acids under Solvent-Free Conditions. <i>Molecules</i> , 2017 , 22,	4.8	36
17	Syntheses and catalytic activities of new metallodendritic catalysts. <i>New Journal of Chemistry</i> , 2016 , 40, 9403-9414	3.6	10
16	Synthesis, electrochemical, thermal and photophysical characterization of photoactive discotic dyes based on the tris-[1,2,4]-triazolo-[1,3,5]-triazine core. <i>Dyes and Pigments</i> , 2016 , 135, 49-56	4.6	7
15	New photoactive D-π-A-π benzothiadiazole derivative: Synthesis, thermal and photophysical properties. <i>Dyes and Pigments</i> , 2016 , 126, 209-217	4.6	43

14	2,1,3-Benzothiadiazole-based fluorophores. Synthesis, electrochemical, thermal and photophysical characterization. <i>Dyes and Pigments</i> , 2016 , 135, 26-35	4.6	17
13	Self-assembled carbohydrate-based vesicles for lectin targeting. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 148, 12-18	6	8
12	New glycosylated conjugate copolymer N-acetyl-D-glucosaminyl-pluronic: Synthesis, self-assembly and biological assays. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 133, 323-30	6	2
11	Synthesis of Functionalized Organoselenium Materials: Selenides and Diselenides Containing Cholesterol. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 3470-3476	3.2	35
10	Synthesis of new monodendrons, gallic acid derivatives, self- assembled in a columnar phase. <i>Liquid Crystals</i> , 2015 , 1-13	2.3	2
9	Investigation of self-association between new glycosurfactant N -acetyl-D -glucosaminyl-PEG-docosanate and soybean phosphatidylcholine into vesicles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 467, 166-172	5.1	14
8	Gold nanoparticles and/or N-acetylcysteine mediate carrageenan-induced inflammation and oxidative stress in a concentration-dependent manner. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 3323-30	5.4	24
7	Synthesis and biological evaluation of 2-picolyamide-based diselenides with non-bonded interactions. <i>Molecules</i> , 2015 , 20, 10095-109	4.8	31
6	Synthesis of luminescent liquid crystals derived from gallic acid containing heterocyclic 1,3,4-oxadiazole. <i>Liquid Crystals</i> , 2014 , 41, 1162-1172	2.3	22
5	Synthesis and Characterization of Sulfonated Poly-(styrene-co-acrylic acid) for Applications as Pronton Exchange Membranes. <i>Macromolecular Symposia</i> , 2014 , 343, 51-58	0.8	1
4	Selenides and diselenides containing oxadiazoles: a new class of functionalised materials. <i>Liquid Crystals</i> , 2012 , 39, 769-777	2.3	34
3	An efficient synthesis of alkynyl selenides and tellurides from terminal acetylenes and diorganyl diselenides or ditellurides catalyzed by recyclable copper oxide nanopowder. <i>Tetrahedron</i> , 2012 , 68, 10426-10430	2.4	20
2	Optical and thermal properties of unsymmetrical liquid crystalline compounds based on isoxazole. <i>Liquid Crystals</i> , 2009 , 36, 839-845	2.3	27
1	Synthesis of cholesterol containing unsymmetrical dimers: a new series of liquid crystals. <i>Liquid Crystals</i> , 1-11	2.3	1