

Tiago Elias Allievi Frizon

List of Publications by Year in descending order

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31
papers

575
citations

566801

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755
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | New photoactive D- β -D benzothiadiazole derivative: Synthesis, thermal and photophysical properties. <i>Dyes and Pigments</i> , 2016, 126, 209-217. | 2.0 | 51 |
| 2 | Copper-Catalyzed Synthesis of Unsymmetrical Diorganyl Chalcogenides (Te/Se/S) from Boronic Acids under Solvent-Free Conditions. <i>Molecules</i> , 2017, 22, 1367. | 1.7 | 48 |
| 3 | Selenides and diselenides containing oxadiazoles: a new class of functionalised materials. <i>Liquid Crystals</i> , 2012, 39, 769-777. | 0.9 | 40 |
| 4 | Synthesis and Biological Evaluation of 2-Picolylamide-Based Diselenides with Non-Bonded Interactions. <i>Molecules</i> , 2015, 20, 10095-10109. | 1.7 | 39 |
| 5 | Synthesis of Functionalized Organoselenium Materials: Selenides and Diselenides Containing Cholesterol. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3470-3476. | 1.2 | 39 |
| 6 | 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. | 0.7 | 37 |
| 7 | 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. | 1.0 | 33 |
| 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, 3323-3330. | 2.1 | 31 |
| 9 | Optical and thermal properties of unsymmetrical liquid crystalline compounds based on isoxazole. <i>Liquid Crystals</i> , 2009, 36, 839-845. | 0.9 | 28 |
| 10 | Selenylated-oxadiazoles as promising DNA intercalators: Synthesis, electronic structure, DNA interaction and cleavage. <i>Dyes and Pigments</i> , 2020, 180, 108519. | 2.0 | 26 |
| 11 | Synthesis of luminescent liquid crystals derived from gallic acid containing heterocyclic 1,3,4-oxadiazole. <i>Liquid Crystals</i> , 2014, 41, 1162-1172. | 0.9 | 24 |
| 12 | 2,1,3-Benzothiadiazole-based fluorophores. Synthesis, electrochemical, thermal and photophysical characterization. <i>Dyes and Pigments</i> , 2016, 135, 26-35. | 2.0 | 23 |
| 13 | 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, 1-10. | 1.9 | 20 |
| 14 | Investigation of self-association between new glycosurfactant N -acetyl- β -D -glucosaminyl-PEG-docosanate and soybean phosphatidylcholine into vesicles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 467, 166-172. | 2.3 | 18 |
| 15 | 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. | 2.0 | 18 |
| 16 | Elucidating Bauhinia variegata lectin/phosphatidylcholine interactions in lectin-containing liposomes. <i>Journal of Colloid and Interface Science</i> , 2018, 519, 232-241. | 5.0 | 14 |
| 17 | Syntheses and catalytic activities of new metallodendritic catalysts. <i>New Journal of Chemistry</i> , 2016, 40, 9403-9414. | 1.4 | 13 |
| 18 | Self-assembled carbohydrate-based vesicles for lectin targeting. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 12-18. | 2.5 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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. | 2.0 | 10 |
| 20 | 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. | 0.8 | 10 |
| 21 | 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. | 1.8 | 10 |
| 22 | 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. | 2.0 | 7 |
| 23 | Synthesis of cholesterol containing unsymmetrical dimers: a new series of liquid crystals. <i>Liquid Crystals</i> , 2022, 49, 758-768. | 0.9 | 6 |
| 24 | Synthesis of new monodendrons, gallic acid derivatives, self-assembled in a columnar phase. <i>Liquid Crystals</i> , 2015, , 1-13. | 0.9 | 3 |
| 25 | 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. | 0.6 | 3 |
| 26 | Kinetic Investigation of Iron Ore Pellets Reduction Produced with Marble Waste as Fluxing Material. <i>Jom</i> , 2022, 74, 439-447. | 0.9 | 3 |
| 27 | Synthesis and Characterization of Sulfonated Poly(styrene-co-acrylic acid) for Applications as Proton Exchange Membranes. <i>Macromolecular Symposia</i> , 2014, 343, 51-58. | 0.4 | 2 |
| 28 | New glycosylated conjugate copolymer N-acetyl- β -D-glucosaminyl-pluronic: Synthesis, self-assembly and biological assays. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 133, 323-330. | 2.5 | 2 |
| 29 | 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, , . | 0.6 | 2 |
| 30 | 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. | 0.6 | 2 |
| 31 | Elaboración de escorias sintéticas con residuos de mármol y óxido de aluminio utilizados en el proceso de desulfuración de acero. <i>Revista De Metalurgia</i> , 2020, 56, 174. | 0.1 | 1 |