

Rossimiriam P Freitas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/944866/publications.pdf>

Version: 2024-02-01

74
papers

2,298
citations

279487

23
h-index

214527

47
g-index

78
all docs

78
docs citations

78
times ranked

3055
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of heavy metal ion from aqueous single metal solution by chemically modified sugarcane bagasse. <i>Bioresource Technology</i> , 2007, 98, 1291-1297.	4.8	342
2	Adsorption of Cu(II), Cd(II), and Pb(II) from aqueous single metal solutions by cellulose and mercerized cellulose chemically modified with succinic anhydride. <i>Bioresource Technology</i> , 2008, 99, 3077-3083.	4.8	265
3	Adsorption of Cu(II), Cd(II), and Pb(II) from aqueous single metal solutions by mercerized cellulose and mercerized sugarcane bagasse chemically modified with EDTA dianhydride (EDTAD). <i>Carbohydrate Polymers</i> , 2009, 77, 643-650.	5.1	201
4	Adsorption of Cu(II), Cd(II), and Pb(II) from aqueous single metal solutions by sugarcane bagasse and mercerized sugarcane bagasse chemically modified with succinic anhydride. <i>Carbohydrate Polymers</i> , 2008, 74, 922-929.	5.1	171
5	Click chemistry for the efficient preparation of functionalized [60]fullerene hexakis-adducts. <i>Chemical Communications</i> , 2008, , 2450.	2.2	105
6	Modeling mono- and multi-component adsorption of cobalt(II), copper(II), and nickel(II) metal ions from aqueous solution onto a new carboxylated sugarcane bagasse. Part I: Batch adsorption study. <i>Industrial Crops and Products</i> , 2015, 74, 357-371.	2.5	89
7	Application of a new carboxylate-functionalized sugarcane bagasse for adsorptive removal of crystal violet from aqueous solution: Kinetic, equilibrium and thermodynamic studies. <i>Industrial Crops and Products</i> , 2015, 65, 521-534.	2.5	87
8	Synthesis of contiguous cyclopropanes by palladium-catalyzed suzuki-type cross-coupling reactions. <i>Tetrahedron Letters</i> , 1997, 38, 2809-2812.	0.7	64
9	Application of a new bifunctionalized chitosan derivative with zwitterionic characteristics for the adsorption of Cu ²⁺ , Co ²⁺ , Ni ²⁺ , and oxyanions of Cr ⁶⁺ from aqueous solutions: Kinetic and equilibrium aspects. <i>Journal of Colloid and Interface Science</i> , 2016, 466, 297-309.	5.0	64
10	Synthesis and antiproliferative activity of 8-hydroxyquinoline derivatives containing a 1,2,3-triazole moiety. <i>European Journal of Medicinal Chemistry</i> , 2014, 84, 595-604.	2.6	58
11	Synthesis of a New Peptide-Coumarin Conjugate: A Potential Agent against Cryptococcosis. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 271-275.	1.3	43
12	Synthesis of C ₆₀ (OH) ₁₈₋₂₀ in aqueous alkaline solution under O ₂ -atmosphere. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1186-1190.	0.6	39
13	Synthesis of fullerene building blocks bearing alkyne or azide groups and their subsequent functionalization by the copper mediated Huisgen 1,3-dipolar cycloaddition. <i>Tetrahedron</i> , 2008, 64, 11409-11419.	1.0	37
14	Click chemistry with fullerene derivatives. <i>Tetrahedron Letters</i> , 2008, 49, 4063-4066.	0.7	36
15	Direct sequential C-H iodination/organoyl-thiolation for the benzenoid A-ring modification of quinonoid deactivated systems: a new protocol for potent trypanocidal quinones. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1686-1691.	1.5	34
16	Studies towards the total synthesis of taxoids synthesis of an A-ring building unit. <i>Tetrahedron Letters</i> , 1993, 34, 1137-1140.	0.7	26
17	Left and right-half taxoid building blocks from (S)-(+)-Hajos-Parrish ketone. <i>Tetrahedron</i> , 1996, 52, 12443-12458.	1.0	26
18	An enantioselective synthesis of isoquinuclidines from 3-substituted chiral pyridinium salts. <i>Tetrahedron Letters</i> , 2001, 42, 6109-6111.	0.7	25

#	ARTICLE	IF	CITATIONS
19	Microwave-assisted efficient preparation of novel carbohydrate tetrazole derivatives. <i>Carbohydrate Research</i> , 2007, 342, 1096-1100.	1.1	24
20	Leishmanicidal, antiproteolytic, and mutagenic evaluation of alkyltriazoles and alkylphosphocholines. <i>European Journal of Medicinal Chemistry</i> , 2015, 101, 24-33.	2.6	24
21	Novel fluorescent lapachone-based BODIPY: synthesis, computational and electrochemical aspects, and subcellular localisation of a potent antitumour hybrid quinone. <i>Chemical Communications</i> , 2016, 52, 13281-13284.	2.2	24
22	Studies towards the Total Synthesis of Taxoids: Strategies Built around a Molecule and the Discovery of New Methodologies. <i>Heterocycles</i> , 1997, 46, 727.	0.4	24
23	Microwave-promoted synthesis of chiral pyridinium salts. <i>Tetrahedron Letters</i> , 2005, 46, 7773-7776.	0.7	23
24	A minocycline derivative reduces nerve injury-induced allodynia, LPS-induced prostaglandin E2 microglial production and signaling via toll-like receptors 2 and 4. <i>Neuroscience Letters</i> , 2013, 543, 157-162.	1.0	23
25	Flexible Synthesis and Evaluation of Diverse Anti-Apicomplexa Cyclic Peptides. <i>Journal of Organic Chemistry</i> , 2013, 78, 3655-3675.	1.7	23
26	On the synthesis of quinone-based BODIPY hybrids: New insights on antitumor activity and mechanism of action in cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4446-4456.	1.0	22
27	Synthesis and Evaluation of Antimalarial Activity of Oxygenated 3-alkylpyridine Marine Alkaloid Analogues. <i>Chemical Biology and Drug Design</i> , 2011, 78, 477-482.	1.5	21
28	Click chemistry as a tool for the facile synthesis of fullerene glycoconjugate derivatives. <i>Tetrahedron Letters</i> , 2010, 51, 1022-1025.	0.7	20
29	Redox Center Modification of Lapachones towards the Synthesis of Nitrogen Heterocycles as Selective Fluorescent Mitochondrial Imaging Probes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3763-3773.	1.2	20
30	Synthesis, antiproliferative activities, and computational evaluation of novel isocoumarin and 3,4-dihydroisocoumarin derivatives. <i>European Journal of Medicinal Chemistry</i> , 2016, 111, 103-113.	2.6	19
31	Synthesis of new porphyrin/fullerene supramolecular assemblies: a spectroscopic and electrochemical investigation of their coordination equilibrium in solution. <i>Tetrahedron</i> , 2011, 67, 228-235.	1.0	18
32	Effect of 3-Alkylpyridine Marine Alkaloid Analogues in <i>Leishmania</i> Species Related to American Cutaneous Leishmaniasis. <i>Chemical Biology and Drug Design</i> , 2012, 80, 745-751.	1.5	18
33	A positive allosteric modulator of mGluR5 promotes neuroprotective effects in mouse models of Alzheimer's disease. <i>Neuropharmacology</i> , 2019, 160, 107785.	2.0	18
34	Revealing the Binding Process of New 3-Alkylpyridine Marine Alkaloid Analogue Antimalarials and the Heme Group: An Experimental and Theoretical Investigation. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 571-579.	2.5	16
35	A reação "click" na síntese de 1,2,3-triazóis: aspectos químicos e aplicações. <i>Química Nova</i> , 2011, 34, 1791-1804.	0.3	15
36	COTab: Expedient and Safe Setup for Pd-Catalyzed Carbonylation Chemistry. <i>Organic Letters</i> , 2019, 21, 5775-5778.	2.4	15

#	ARTICLE	IF	CITATIONS
37	Production of reactive oxygen species induced by a new [60]fullerene derivative bearing a tetrazole unit and its possible biological applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 200, 277-281.	2.0	14
38	Fulereno[C60]: química e aplicações. <i>Química Nova</i> , 2010, 33, 680-693.	0.3	14
39	Fullerene Derivatives Substituted with Differently Branched Phenyleneethynylene Dendrons: Synthesis, Electronic and Excited State Properties. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5899-5908.	1.2	13
40	Cytotoxicity evaluation of marine alkaloid analogues of viscosaline and theonelladin C. <i>Biomedicine and Preventive Nutrition</i> , 2012, 2, 145-148.	0.9	13
41	Synthesis and Phytotoxic Activity of 1,2,3-Triazole Derivatives. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	13
42	Chimeric Proteinâ€“Protein Interface Inhibitors Allow Efficient Inhibition of Type III Secretion Machinery and <i>Pseudomonas aeruginosa</i> Virulence. <i>ACS Infectious Diseases</i> , 2019, 5, 1843-1854.	1.8	13
43	An access to some functionalized azocine derivatives. <i>Tetrahedron Letters</i> , 2000, 41, 6067-6069.	0.7	12
44	Synthesis of the Unusual Octahydropyrano[2,3-b]pyridine Ring System of a Penamide. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1057-1062.	1.2	12
45	Synthesis of New Azocine Derivatives and Their Functionalization by Nucleophilic Addition to Their Iminium Salts. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 1052-1057.	1.2	9
46	Cytotoxic Activity of Triterpenoids from <i>Cheiloclinium cognatum</i> Branches against Chronic and Acute Leukemia Cell Lines. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000773.	1.0	9
47	Microwave-Assisted Rapid Deacetalation of Carbohydrates. <i>Synthetic Communications</i> , 2005, 35, 2025-2031.	1.1	8
48	Synthesis of [60]fullerene derivatives bearing five-membered heterocyclic wings and an investigation of their photophysical kinetic properties. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 217, 184-190.	2.0	8
49	Butenafine and analogues: An expeditious synthesis and cytotoxicity and antifungal activities. <i>Journal of Advanced Research</i> , 2018, 14, 81-91.	4.4	8
50	Long-chain alkyltriazoles as antitumor agents: synthesis, physicochemical properties, and biological and computational evaluation. <i>Medicinal Chemistry Research</i> , 2015, 24, 430-441.	1.1	7
51	Synthesis of an Uncharged Tetra-cyclopeptide Acting as a Transmembrane Carrier: Enhanced Cellular and Nuclear Uptake. <i>Organic Letters</i> , 2017, 19, 612-615.	2.4	7
52	Simple and Convenient Synthesis of Iboga-Functionalized Isoquinuclidines. <i>Letters in Organic Chemistry</i> , 2004, 1, 168-170.	0.2	5
53	Microwave-Assisted Xanthone Synthesis. <i>Synthetic Communications</i> , 2006, 36, 2275-2280.	1.1	5
54	Synthesis of cis-3-methyl-4-aminopiperidine Derivatives. <i>Synthetic Communications</i> , 2008, 38, 1184-1193.	1.1	5

#	ARTICLE	IF	CITATIONS
55	Rapid Microwave-Promoted Solvent-Free Synthesis of Zinckes Salts and their Conversion into Chiral Pyridinium Salts in Water. Letters in Organic Chemistry, 2008, 5, 396-398.	0.2	5
56	LEISHMANICIDAL ACTIVITY in vivo OF A MILTEFOSINE DERIVATIVE IN Mesocricetus auratus. Acta Tropica, 2020, 209, 105539.	0.9	5
57	Obtaining a New Carboxylated Derivative of Microcrystalline Cellulose: An Easy and Solvent-Free Synthesis. Revista Virtual De Quimica, 2017, 9, 431-451.	0.1	5
58	A UBI 31-38 Peptide-coumarin Conjugate: Photophysical Features, Imaging Tracking and Synergism with Amphotericin B Against Cryptococcus. Current Topics in Medicinal Chemistry, 2018, 18, 157-163.	1.0	5
59	Left-half taxoid building blocks from Hajos-Parrish ketone. Tetrahedron Letters, 1994, 35, 9395-9398.	0.7	4
60	Novel Symmetrical 1,4-Disubstituted-bis-1,2,3-Triazoles: Synthesis by Double CuAAC and Cytotoxicity Evaluation. Current Topics in Medicinal Chemistry, 2018, 18, 1475-1482.	1.0	4
61	Synthesis of New Tetrazole Derivatives of Î±,Î±-trehalose. Synthetic Communications, 2007, 37, 3059-3066.	1.1	3
62	Synthesis, cytotoxic activity, and mode of action of new Santacruzamate A analogs. Medicinal Chemistry Research, 2018, 27, 2397-2413.	1.1	3
63	Crossing of the Cystic Barriers of Toxoplasma gondii by the Fluorescent Coumarin Tetra-Cyclopeptide. Molecules, 2021, 26, 7506.	1.7	3
64	Synthesis of Novel 1,2,3-Triazole Derivatives of Isocoumarins and 3,4-Dihydroisocoumarin with Potential Antiplasmodial Activity In Vitro. Medicinal Chemistry, 2021, 17, 820-833.	0.7	2
65	The Chemistry of Advanced Glycation End-products. Revista Virtual De Quimica, 0, , 375-392.	0.1	2
66	Microwave-assisted classic reactions in organic chemistry. Revista Virtual De Quimica, 2010, 2, .	0.1	1
67	Antimalarial Activity of Zincke's Salts. Journal of Biological Sciences, 2013, 13, 645-648.	0.1	1
68	Do boletim informativo Ãs redes sociais: a evoluÃ§Ã£o na comunicaÃ§Ã£o SBQ-associado. Quimica Nova, 0, , .	0.3	1
69	Synthesis of new heterocyclic derivatives of Î±,Î±-trehalose. Carbohydrate Research, 2008, 343, 536-540.	1.1	0
70	Modification of Chitosan by Zincke Reaction: Synthesis of a Novel Polycationic Chitosan-Pyridinium Derivative. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
71	Synthesis of Novel Cinnamides and a Bis Cinnamate Bearing 1,2,3-Triazole Functionalities with Antiproliferative and Antimetastatic Activities on Melanoma Cells. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
72	Novel Synthetic Compounds as Potential Anticryptococcal Agents. Current Organic Synthesis, 2015, 12, 730-745.	0.7	0

#	ARTICLE	IF	CITATIONS
73	Celebrating the 40th Anniversary of Brazilian Chemical Society (SBQ): Retrospective and Perspectives. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
74	ELEMENTOS QUÍMICOS ESTRATÉGICOS PARA O BRASIL. Química Nova, 2019, , .	0.3	0