Maria CecÃ-lia Bastos Vieira de Souza

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7332993/publications.pdf

Version: 2024-02-01

107	3,141	159358	168136
papers	citations	30 h-index	53 g-index

116	116	116	3942
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	International Nosocomial Infection Control Consortiu (INICC) report, data summary of 43 countries for 2007-2012. Device-associated module. American Journal of Infection Control, 2014, 42, 942-956.	1.1	233
2	Synthesis, HIV-RT inhibitory activity and SAR of 1-benzyl-1H-1,2,3-triazole derivatives of carbohydrates. European Journal of Medicinal Chemistry, 2009, 44, 373-383.	2.6	201
3	RECENT ADVANCES IN THE SYNTHESIS OF PYRROLES. Organic Preparations and Procedures International, 2001, 33, 411-454.	0.6	198
4	Antiplatelet properties of novel N-substituted-phenyl-1,2,3-triazole-4-acylhydrazone derivatives. Bioorganic and Medicinal Chemistry, 2003, 11, 2051-2059.	1.4	168
5	Um panorama atual da quÃmica e da farmacologia de naftoquinonas, com Ãªnfase na beta-lapachona e derivados. Quimica Nova, 2003, 26, 407-416.	0.3	128
6	Naphthoquinoidal [1,2,3]-triazole, a new structural moiety active against Trypanosoma cruzi. European Journal of Medicinal Chemistry, 2008, 43, 1774-1780.	2.6	122
7	Antiviral evaluation of N-amino-1,2,3-triazoles against Cantagalo virus replication in cell culture. European Journal of Medicinal Chemistry, 2009, 44, 3777-3783.	2.6	102
8	A Synergistic Effect of a Daily Supplement for 1 Month of 200 mg Magnesium plus 50 mg Vitamin B6 for the Relief of Anxiety-Related Premenstrual Symptoms: A Randomized, Double-Blind, Crossover Study. Journal of Women's Health and Gender-Based Medicine, 2000, 9, 131-139.	1.7	98
9	Trypanocidal agents with low cytotoxicity to mammalian cell line: A comparison of the theoretical and biological features of lapachone derivatives. Bioorganic and Medicinal Chemistry, 2006, 14, 5459-5466.	1.4	78
10	Synthesis, antiplatelet and in silico evaluations of novel N-substituted-phenylamino-5-methyl-1H-1,2,3-triazole-4-carbohydrazides. Bioorganic and Medicinal Chemistry, 2009, 17, 3713-3719.	1.4	77
11	Cytotoxic, trypanocidal activities and physicochemical parameters of nor-Â²-lapachone-based 1,2,3-triazoles. Journal of the Brazilian Chemical Society, 2009, 20, 635-643.	0.6	73
12	Synthesis and potent antitumor activity of new arylamino derivatives of nor-Î²-lapachone and nor-Î±-lapachone. Bioorganic and Medicinal Chemistry, 2007, 15, 7035-7041.	1.4	71
13	Synthesis and anti-HSV-1 activity of quinolonic acyclovir analogues. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 1010-1013.	1.0	70
14	Synthesis and anti-Trypanosoma cruzi activity of derivatives from nor-lapachones and lapachones. Bioorganic and Medicinal Chemistry, 2008, 16, 5030-5038.	1.4	70
15	Synthesis and anti-HSV-1 activity of new 1,2,3-triazole derivatives. Bioorganic and Medicinal Chemistry, 2011, 19, 1860-1865.	1.4	70
16	Crystallographic and computational study of 1-(arylamino)-1,2,3-triazole-4-carbohydrazides. CrystEngComm, 2015, 17, 2255-2266.	1.3	62
17	Synthesis, antitubercular activity, and SAR study of N-substituted-phenylamino-5-methyl-1H-1,2,3-triazole-4-carbohydrazides. Bioorganic and Medicinal Chemistry, 2011, 19, 5605-5611.	1.4	53
18	Synthesis and evaluation of the cytotoxic activity of 1,2-furanonaphthoquinones tethered to 1,2,3-1H-triazoles in myeloid and lymphoid leukemia cell lines. European Journal of Medicinal Chemistry, 2014, 84, 708-717.	2.6	42

#	Article	IF	Citations
19	Synthesis and antimicrobial evaluation of amino sugar-based naphthoquinones and isoquinoline-5,8-diones and their halogenated compounds. European Journal of Medicinal Chemistry, 2018, 156, 1-12.	2.6	41
20	Bioactive 1,2,3â€Triazoles: An Account on their Synthesis, Structural Diversity and Biological Applications. Chemical Record, 2021, 21, 2782-2807.	2.9	41
21	A new and efficient procedure for preparing 1,2,3-triazoles. Tetrahedron Letters, 1997, 38, 5103-5106.	0.7	40
22	Natural clays as efficient catalysts for obtaining chiral Î²-enamino esters. Catalysis Communications, 2004, 5, 151-155.	1.6	39
23	Synthesis and biological evaluation of substituted Î±- and Î²-2,3-dihydrofuran naphthoquinones as potent anticandidal agents. MedChemComm, 2010, 1, 229.	3.5	39
24	Aryl-substituents moderate the nature of hydrogen bonds, Nâ€“Hâ‹¯N versus Nâ€“Hâ‹¯O, leading to supramolecular chains in the crystal structures of N-arylamino 1,2,3-triazole esters. CrystEngComm, 2013, 15, 4917.	1.3	37
25	Heterociclos 1,2,3-triazÃ³licos: histÃ³rico, mÃ©todos de preparaÃ§Ã£o, aplicaÃ§Ãµes e atividades farmacolÃ³gicas. Quimica Nova, 2006, 29, 569-579.	0.3	36
26	Oxyrane derivative of Î±-lapachone is potent growth inhibitor of Trypanosoma cruzi epimastigote forms. Parasitology Research, 2006, 99, 429-433.	0.6	36
27	Synthesis, antiviral activity and molecular modeling of oxoquinoline derivatives. Bioorganic and Medicinal Chemistry, 2009, 17, 5476-5481.	1.4	36
28	Synthesis, biological, and theoretical evaluations of new 1,2,3-triazoles against the hemolytic profile of the Lachesis muta snake venom. Bioorganic and Medicinal Chemistry, 2009, 17, 7429-7434.	1.4	36
29	Synthesis of porphyrinâ€“quinolone conjugates. Tetrahedron Letters, 2008, 49, 7268-7270.	0.7	34
30	Synthesis and anticancer activities of some novel 2-(benzo[d]thiazol-2-yl)-8-substituted-2H-pyrazolo[4,3-c]quinolin-3(5H)-ones. European Journal of Medicinal Chemistry, 2011, 46, 1448-1452.	2.6	33
31	Structureâ€“activity relationships of novel inhibitors of glyceraldehyde-3-phosphate dehydrogenase. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 2199-2204.	1.0	30
32	Quinolones in the Search for New Anticancer Agents. Current Pharmaceutical Design, 2016, 22, 6009-6020.	0.9	30
33	Synthesis and characterization of new porphyrin/4-quinolone conjugates. Tetrahedron, 2011, 67, 7336-7342.	1.0	27
34	Synthesis of new porphyrin/4-quinolone conjugates and evaluation of their efficiency in the photoinactivation of Staphylococcus aureus. RSC Advances, 2015, 5, 71228-71239.	1.7	27
35	Inhibition of HSV-1 replication and HSV DNA polymerase by the chloroxoquinolinic ribonucleoside 6-chloro-1,4-dihydro-4-oxo-1-(Î²-d-ribofuranosyl) quinoline-3-carboxylic acid and its aglycone. Antiviral Research, 2008, 77, 20-27.	1.9	23
36	Synthesis of carbohydrate-based naphthoquinones and their substituted phenylhydrazono derivatives as anticancer agents. RSC Advances, 2012, 2, 11438.	1.7	22

#	Article	IF	Citations
37	Synthesis and antimicrobial evaluation of promising 7-arylamino-5,8-dioxo-5,8-dihydroisoquinoline-4-carboxylates and their halogenated amino compounds for treating Gram-negative bacterial infections. RSC Advances, 2017, 7, 18311-18320.	1.7	22
38	Drug repurposing for the treatment of COVID-19: Pharmacological aspects and synthetic approaches. Bioorganic Chemistry, 2021, 106, 104488.	2.0	22
39	Nucleosides Having Quinolone Derivatives as Nitrogenated Base: Regiospecific and Stereospecific Ribosylation of 3-Carbethoxy-1,4-dihydro-4-oxoquinolines. Nucleosides & Nucleotides, 1996, 15, 889-898.	0.5	21
40	Synthesis of novel nucleosides of 4-oxoquinoline-3-carboxylic acid analogues. Heteroatom Chemistry, 1999, 10, 197-202.	0.4	20
41	Use of Protecting Groups in Carbohydrate Chemistry: An Advanced Organic Synthesis Experiment. Journal of Chemical Education, 1999, 76, 79.	1.1	20
42	Synthesis and Antiviral Activities of New Pyrazolo[4,3â€c]quinolinâ€3â€ones and Their Ribonucleoside Derivatives. Nucleosides, Nucleotides and Nucleic Acids, 2004, 23, 735-748.	0.4	20
43	Synthesis and Anti-HSV-1 Activity of 1,4-dihydro-4-oxoquinoline Ribonucleosides. Letters in Drug Design and Discovery, 2007, 4, 404-409.	0.4	17
44	Synthesis of a new class of naphthoquinone glycoconjugates and evaluation of their potential as antitumoral agents. RSC Advances, 2015, 5, 96222-96229.	1.7	17
45	A Two Step Synthesis of 1,2,3-Substituted Pyrroles. Synthetic Communications, 2000, 30, 3215-3226.	1.1	16
46	Molecular design, synthesis and biological evaluation of 1,4-dihydro-4-oxoquinoline ribonucleosides as TcGAPDH inhibitors with trypanocidal activity. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4597-4601.	1.0	15
47	Synthesis of 4-Anilino-1H-Pyrazolo [3,4-b] Pyridine Derivatives and theirin vitroAntiviral Activities. Journal of the Brazilian Chemical Society, 1996, 7, 273-277.	0.6	15
48	SYNTHESIS OF 4-ACYL-1H-1,2,3-TRIAZOLIC NUCLEOSIDES. Nucleosides, Nucleotides and Nucleic Acids, 2001, 20, 1555-1569.	0.4	14
49	Mild Diazo Transfer Reaction Catalyzed by Modified Clays. Synthetic Communications, 2004, 34, 951-959.	1.1	14
50	A New Insight into the Catalytic Decomposition of Ethyl Diazoacetate in the Presence of mesoâ€Tetraarylporphyrin (=5,10,15,20â€Tetraarylâ€21H,23Hâ€porphine) Complexes. Helvetica Chimica Acta, 2008, 91, 2270-2283.	1.0	14
51	Synthesis of new glycoporphyrin derivatives through carbohydrate-substituted Î±-diazoacetates. Journal of Porphyrins and Phthalocyanines, 2009, 13, 247-255.	0.4	14
52	Synthesis, Cytotoxicity and Mechanistic Evaluation of 4-Oxoquinoline-3-carboxamide Derivatives: Finding New Potential Anticancer Drugs. Molecules, 2014, 19, 6651-6670.	1.7	14
53	Design, Synthesis and Antileishmanial Activity of Naphthotriazolyl-4- Oxoquinolines. Current Topics in Medicinal Chemistry, 2018, 18, 1454-1464.	1.0	14
54	The Compound 6-Chloro-1,4-Dihydro-4-Oxo-1-(β-D-Ribofuranosyl) Quinoline-3-Carboxylic Acid Inhibits HIV-1 Replication by Targeting the Enzyme Reverse Transcriptase. Current HIV Research, 2008, 6, 209-217.	0.2	13

#	Article	IF	Citations
55	Exploring 1,2,3-triazole derivatives by using in vitro and in silico assays to target new antifungal agents and treat Candidiasis. Medicinal Chemistry Research, 2017, 26, 680-689.	1.1	13
56	Electrochemistry of Î²-lapachone and its diazoderivative: Relevance to their compared antimicrobial activities. Electrochemistry Communications, 2005, 7, 767-772.	2.3	12
57	Preparation of Î±-diazocarbonyl compounds from Î²-lapachone derivatives and other 1,2-naphthoquinones: use of the 2D NMR1H,15N and1H,13C HMBC techniques in assigning regiochemistry. Magnetic Resonance in Chemistry, 2006, 44, 481-490.	1.1	12
58	1,2,3-Triazolyl-4-oxoquinolines: A feasible beginning for promising chemical structures to inhibit oseltamivir-resistant influenza A and B viruses. Bioorganic and Medicinal Chemistry, 2015, 23, 7777-7784.	1.4	12
59	Design, synthesis, inÂvitro and in silico studies of novel 4-oxoquinoline ribonucleoside derivatives as HIV-1 reverse transcriptase inhibitors. European Journal of Medicinal Chemistry, 2020, 194, 112255.	2.6	12
60	Characterization of HIV-1 Enzyme Reverse Transcriptase Inhibition by the Compound 6-Chloro-1,4-Dihydro-4-Oxo-1-(β-D-Ribofuranosyl) Quinoline-3-Carboxylic Acid Through Kinetic and In Silico Studies. Current HIV Research, 2009, 7, 327-335.	0.2	11
61	Oxoquinoline acyclonucleoside phosphonate analogues as a new class of specific inhibitors of human immunodeficiency virus type 1. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5055-5058.	1.0	11
62	Synthesis and photodynamic effects of new porphyrin/4-oxoquinoline derivatives in the inactivation of S. aureus. Photochemical and Photobiological Sciences, 2019, 18, 1910-1922.	1.6	11
63	STUDIES ON THE DIASTEREO- SELECTIVE REDUCTION OF 2-ACETYL-2-ALKYL- Î³-BUTYROLACTONES WITH BORON HYDRIDES*. Synthetic Communications, 2002, 32, 505-526.	1.1	10
64	Synthesis of new carbonyl and fluoroalkyl o-quinone methides from Î²-lapachone. Tetrahedron Letters, 2007, 48, 6171-6173.	0.7	10
65	Exploring N-Acylhydrazone Derivatives Against Clinical Resistant Bacterial Strains. Current Microbiology, 2014, 69, 357-364.	1.0	10
66	A Novel Naphthotriazolyl-4-oxoquinoline Derivative that Selectively Controls Breast Cancer Cells Survival Through the Induction of Apoptosis. Current Topics in Medicinal Chemistry, 2018, 18, 1465-1474.	1.0	10
67	The chloroxoquinolinic derivative 6-chloro-1,4-dihydro-4-oxo-1-(Î²-D-ribofuranosyl) quinoline-3-carboxylic acid inhibits HSV-1 adsorption by impairing its adsorption on HVEM. Archives of Virology, 2007, 152, 1417-1424.	0.9	9
68	Oxoquinoline Derivatives: Identification and Structureâ€“Activity Relationship (SAR) Analysis of New Anti-HSV-1 Agents. Current Microbiology, 2011, 62, 1349-1354.	1.0	9
69	Tuberculosis: Finding a New Potential Antimycobacterium Derivative in a Aldehydeâ€“Arylhydrazoneâ€“Oxoquinoline Series. Current Microbiology, 2012, 65, 455-460.	1.0	9
70	Docking of anti-HIV-1 oxoquinoline-acylhydrazone derivatives as potential HSV-1 DNA polymerase inhibitors. Journal of Molecular Structure, 2014, 1074, 263-270.	1.8	9
71	Selective AMPK activator leads to unfolded protein response downregulation and induces breast cancer cell death and autophagy. Life Sciences, 2021, 276, 119470.	2.0	9
72	Compostos alfa-diazo carbonÃłicos: uma estratÃ©gia atraente para a sÃntese orgÃ¢nica. Quimica Nova, 2001, 24, 540-553.	0.3	8

#	Article	IF	Citations
73	SYNTHESIS AND ANTIVIRAL EVALUATION OF ISATIN RIBONUCLEOSIDES. Nucleosides, Nucleotides and Nucleic Acids, 2002, 21, 825-835.	0.4	7
74	Vibrational normal modes of diazo-dimedone: A comparative study by Fourier infrared/Raman spectroscopies and conformational analysis by MM/QM. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 67, 1080-1087.	2.0	7
75	Synthesis of Novel Ethyl Anticancer Agents. Journal of Heterocyclic Chemistry, 2015, 52, 1245-1252.	1.4	7
76	Synthesis and antitumor evaluation of hybrids of 5,8-dioxo-5,8-dihydroisoquinoline-4-carboxylatesÂandÂcarbohydrates. Future Medicinal Chemistry, 2018, 10, 527-540.	1.1	7
77	4-Oxoquinoline Derivatives as Antivirals: A Ten Years Overview. Current Topics in Medicinal Chemistry, 2020, 20, 244-255.	1.0	7
78	An Efficient and Short Route for the Synthesis of Reverse Pyrrole Ribonucleosides. Journal of the Brazilian Chemical Society, 2002, 13, 368-374.	0.6	6
79	Molecular dynamics simulations of a nucleoside analogue of 1,4-dihydro-4-oxoquinoline-3-carboxylic acid synthesized as a potential antiviral agent: Conformational studies in vacuum and in water. Computational and Theoretical Chemistry, 2006, 778, 97-103.	1.5	6
80	A Two-Step Preparation of a New C4 Chiral Building Block Derivative of D-Erythronic Acid. Synlett, 1998, 1998, 1339-1340.	1.0	5
81	Complete and unambiguous assignments of ¹H and ¹³C chemical shifts of new arylamino derivatives of orthoâ€naphthofuranquinones. Magnetic Resonance in Chemistry, 2008, 46, 1158-1162.	1.1	5
82	Structural evaluation of three 2-phenylpyrazolo[4,3-c]quinolin-3-one monohydrates. Journal of Molecular Structure, 2013, 1051, 299-309.	1.8	5
83	Supramolecular assembly of (Z)-ethyl 2-cyano-3-((4-fluorophenyl)amino) acrylate, crystal structure, Hirshfeld surface analysis and DFT studies. Journal of Molecular Structure, 2016, 1120, 333-340.	1.8	5
84	Cloreto isocianÃºrico e cloreto cianÃºrico: aspectos gerais e aplicaÃ§Ãµes em sÃntese orgÃ¢nica. Quimica Nova, 2006, 29, 520-527.	0.3	5
85	Synthesis of Glycoporphyrins by Cross-Metathesis Reactions. Synlett, 2008, 2008, 1205-1207.	1.0	4
86	Catalytic carbene insertion into an aminoporphyrin and formation of a new chiral supramolecular porphyrin system. Tetrahedron Letters, 2011, 52, 4741-4744.	0.7	4
87	Synthesis of Î²â€Substituted mesoâ€Tetraarylâ€21,23â€dithiaporphyrins by Heck Reaction. European Journal of Organic Chemistry, 2015, 2015, 5909-5913.	1.2	4
88	¹H and ¹³C NMR Spectroscopic Studies of the Complexation of Phenylenedioxydiacetamides with Calcium and Potassium Cations in Solution. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1984, 39, 1375-1379.	0.3	3
89	Conformational analysis of a nucleoside of 1,4-dihydro-4-oxoquinoline-3-carboxylic acid analogue. Journal of Molecular Structure, 2005, 748, 137-141.	1.8	3
90	Mild Procedure for Preparing Vinyldiazoacetic Acid Esters of Carbohydrate Acetonides. Letters in Organic Chemistry, 2006, 3, 73-77.	0.2	3

#	Article	IF	Citations
91	Conformational analysis of a quinolonic ribonucleoside with anti-HSV-1 activity. Journal of Molecular Structure, 2011, 985, 1-4.	1.8	3
92	Antivenom Effects of 1,2,3-Triazoles againstBothrops jararacaandLachesis mutaSnakes. BioMed Research International, 2013, 2013, 1-7.	0.9	3
93	Screening of 1,2-furanonaphthoquinones 1,2,3-1H-triazoles for glycosidases inhibitory activity and free radical scavenging potential: an insight in anticancer activity. Medicinal Chemistry Research, 2019, 28, 1579-1588.	1.1	3
94	Study on the regioselectivity of the N-ethylation reaction of N-benzyl-4-oxo-1,4-dihydroquinoline-3-carboxamide. Beilstein Journal of Organic Chemistry, 2019, 15, 388-400.	1.3	3
95	Synthesis, Characterization and Complexation Studies with K + and Ca2+ Cations of trans-1.2-Cyclohexanedioxydiacetamides. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1988, 43, 165-170.	0.3	2
96	SYNTHESIS OF NEW 1H-PYRAZOLO[3,4-b]PYRIDINE DERIVATIVES. Heterocyclic Communications, 1996, 2, .	0.6	2
97	2,3-Dihydro-3,3-dimethylspiro[1H-4-oxanthracene-5,2â€²-oxiran]-10(5H)-one. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, o560-o562.	0.4	2
98	One-Pot Synthesis of 2H-Chromene Derivatives from ortho-Naphthoquinones. Synlett, 2007, 2007, 3123-3126.	1.0	2
99	Synthesis and Anti-HSV-1 In Vitro Activity of New Phosphoramidates with 4-oxoquinoline and Phtalimidic Nuclei. Letters in Organic Chemistry, 2008, 5, 644-650.	0.2	2
100	One-pot preparation of substituted pyrroles from Î±-diazocarbonyl compounds. Beilstein Journal of Organic Chemistry, 2008, 4, 45.	1.3	2
101	Synthesis of Î²-Arylporphyrins and Oligophenylenediporphyrins by the Suzuki-Miyaura Reaction. Synthesis, 2010, 2010, 510-514.	1.2	2
102	Short chain acyclic crown ethers. Monatshefte FÃ¼r Chemie, 1981, 112, 253-258.	0.9	1
103	(E)-1-Ethyl-4-oxo-Nâ€²-(4-pyridylmethylene)-1,4-dihydroquinoline-3-carbohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o2476-o2477.	0.2	1
104	Mild Diazo Transfer Reaction Catalyzed by Modified Clays.. ChemInform, 2004, 35, no.	0.1	0
105	1,2:5,6-Di-O-isopropylidene-3-C-methyl-Î±-D-allofuranose. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1512-o1512.	0.2	0
106	The Ultrasound-accelerated Synthesis of New 7- Aminocarbohydrate-isoquinoline-5,8-quinone Derivatives. , 0, , .		0
107	Light and the Development of the Organic Chemical Industry since Antiquity. Revista Virtual De Quimica, 2015, 7, .	0.1	0