Rodrigo L O R Cunha

List of Publications by Year
in descending order

63	1,346	393982	377514
papers	citations	19 h-index	34 g-index

74	74	74	1653
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antileishmanial Effects of Acetylene Acetogenins from Seeds of Porcelia macrocarpa (Warm.) R.E. Fries (Annonaceae) and Semisynthetic Derivatives. Molecules, 2022, 27, 893.	1.7	2
2	Equilibrium between triâ€•and tetraâ€coordinate chalcogenuranes is critical for cysteine protease inhibition. Journal of Computational Chemistry, 2021, 42, 1225-1235.	1.5	1
3	Antiproliferative and Genotoxic Action of an Underexploited Organoteluran Derivative on Sarcoma 180 Cells. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 1019-1026.	0.9	1
4	Crystal structures and docking studies in cathepsin S of bioactive 1,3â€diphenylâ€4â€(trichloroâ€Î»4â€tellanyl)butâ€2â€enâ€1â€one derivatives. Journal of Molecular Structure, 2021, 1244, 130935.	2.1	0
5	Improved singlet oxygen generation in Rhenium(I) complexes functionalized with a pyridinyl selenoether ligand. Polyhedron, 2021, 211, 115548.	1.0	0
6	CPP-Ala-Ala-Tyr-PABA inhibitor analogs with improved selectivity for neurolysin or thimet oligopeptidase. Biochemical and Biophysical Research Communications, 2020, 522, 368-373.	1.0	1
7	preADMET analysis and clinical aspects of dogs treated with the Organotellurium compound RF07: A possible control for canine visceral leishmaniasis?. Environmental Toxicology and Pharmacology, 2020, 80, 103470.	2.0	33
8	Yeast Tsa1 as a Prototype Enzyme for the Screening of Fungal Typical 2-Cys Prx Inhibitors. Free Radical Biology and Medicine, 2020, 159, S73.	1.3	0
9	Crystal structure of (E)-dichloro(1-chloro-3-methoxyprop-1-en-2-yl)(4-methoxyphenyl)-λ⁴-tellane, C₁₁H₁₃Cl₃O₂Te. Zeitschrift Fur Kristallographie - New Crystal Structures, 2020, 235, 1535-1537.	0.1	0
10	Development of a methodology for reversible chemical modification of silicon surfaces with application in nanomechanical biosensors. Biosensors and Bioelectronics, 2019, 137, 287-293.	5.3	4
11	Antitumor effect of chiral organotelluranes elicited in a murine melanoma model. Bioorganic and Medicinal Chemistry, 2019, 27, 2537-2545.	1.4	7
12	Molecular, Biological and Structural Features of VL CDR-1 Rb44 Peptide, Which Targets the Microtubule Network in Melanoma Cells. Frontiers in Oncology, 2019, 9, 25.	1.3	3
13	A study on the enzyme catalysed enantioselective hydrolysis of methyl 2-methyl-4-oxopentanoate, a precursor of chiral Î³-butyrolactones. Biocatalysis and Biotransformation, 2019, 37, 115-123.	1.1	4
14	Crystallographic and docking (Cathepsins B, K, L and S) studies on bioactive halotelluroxetanes. Zeitschrift Fur Kristallographie - Crystalline Materials, 2018, 233, 113-124.	0.4	4
15	Blockade of MIFâ€“CD74 Signalling on Macrophages and Dendritic Cells Restores the Antitumour Immune Response Against Metastatic Melanoma. Frontiers in Immunology, 2018, 9, 1132.	2.2	109
16	ConstrucciÃ³n de Relaciones entre Conceptos Relativos al Campo Estructural y al Campo da CinÃ©tica QuÃmica por Estudiantes de Pregrado en la AcepciÃ³n de la TeorÃa de los Campos Conceptuales. Educacion Quimica, 2018, 29, 48.	0.1	2
17	Stability Study of Hypervalent Tellurium Compounds in Aqueous Solutions. ACS Omega, 2017, 2, 4431-4439.	1.6	16
18	Antitrypanosomal activity and evaluation of the mechanism of action of dehydrodieugenol isolated from Nectandra leucantha (Lauraceae) and its methylated derivative against Trypanosoma cruzi. Phytomedicine, 2017, 24, 62-67.	2.3	26

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19	1-Butyl-1-chloro-3-methyl-3H-2,1Î»⁴-benzoxatellurole: crystal structure and Hirshfeld analysis. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 564-568.	0.2	1
20	77Se and 125Te NMR spectroscopy for enantiopurity determination of chalcogen amines. Tetrahedron Letters, 2016, 57, 4556-4559.	0.7	16
21	The Ig V H complementarity-determining region 3-containing Rb9 peptide, inhibits melanoma cells migration and invasion by interactions with Hsp90 and an adhesion G-protein coupled receptor. Peptides, 2016, 85, 1-15.	1.2	17
22	Thioridazine inhibits gene expression control of the cell wall signaling pathway (CWI) in the human pathogenic fungus Paracoccidioides brasiliensis. Molecular Genetics and Genomics, 2016, 291, 1347-1362.	1.0	9
23	Hypervalent organotellurium compounds as inhibitors of P. falciparum calcium-dependent cysteine proteases. Parasitology International, 2016, 65, 20-22.	0.6	14
24	Biocatalysis for desymmetrization and resolution of stereocenters beyond the reactive center: How far is far enough?. Biotechnology Advances, 2015, 33, 614-623.	6.0	21
25	Cytotoxicity of phenothiazine derivatives associated with mitochondrial dysfunction: A structure-activity investigation. Toxicology, 2015, 330, 44-54.	2.0	46
26	Effects of Trichlorotelluro-dypnones on Mitochondrial Bioenergetics and Their Relationship to the Reactivity with Protein Thiols. Chemical Research in Toxicology, 2015, 28, 1167-1175.	1.7	5
27	Specific calpain activity evaluation in Plasmodium parasites. Analytical Biochemistry, 2015, 468, 22-27.	1.1	5
28	In Vitro and In Vivo Activity of a Palladacycle Complex on Leishmania (Leishmania) amazonensis. PLoS Neglected Tropical Diseases, 2012, 6, e1626.	1.3	45
29	A new minor dimmeric ester from seeds ofCassia fistulaL. (Leguminosae). Natural Product Research, 2012, 26, 36-41.	1.0	7
30	In vitro antileishmanial and antitrypanosomal activities of flavanones from Baccharis retusa DC. (Asteraceae). Experimental Parasitology, 2012, 130, 141-145.	0.5	92
31	A tellurium-based cathepsin B inhibitor: Molecular structure, modelling, molecular docking and biological evaluation. Journal of Molecular Structure, 2012, 1013, 11-18.	1.8	19
32	In Vitro and In Vivo Activity of an Organic Tellurium Compound on Leishmania (Leishmania) chagasi. PLoS ONE, 2012, 7, e48780.	1.1	34
33	Natural Products fromGarcinia brasiliensisasLeishmaniaProtease Inhibitors. Journal of Medicinal Food, 2011, 14, 557-562.	0.8	21
34	Specific effects of reactive thiol drugs on mitochondrial bioenergetics. Journal of Bioenergetics and Biomembranes, 2011, 43, 11-18.	1.0	14
35	Structureâ€“activity relationships of hypervalent organochalcogenanes as inhibitors of cysteine cathepsins V and S. Bioorganic and Medicinal Chemistry, 2011, 19, 2009-2014.	1.4	27
36	Poliovirus 3C proteinase inhibition by organotelluranes. Biological Chemistry, 2011, 392, 587-91.	1.2	13

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37	Highly efficient palladium-catalyzed Suzukiâ€“Miyaura reactions of potassium aryltrifluoroborates with 5-iodo-1,3-dioxin-4-ones in water: an approach to Î±-aryl-Î²-ketoesters. Tetrahedron, 2010, 66, 773-779.	1.0	12
38	Chemoenzymatic synthesis of organoselenium(IV) compounds and their evaluation as cysteine protease inhibitors. Journal of the Brazilian Chemical Society, 2010, 21, 2108-2118.	0.6	14
39	A glimpse on biological activities of tellurium compounds. Anais Da Academia Brasileira De Ciencias, 2009, 81, 393-407.	0.3	152
40	Antibodies as Crypts of Antiinfective and Antitumor Peptides. Current Medicinal Chemistry, 2009, 16, 2305-2323.	1.2	36
41	Irreversible inhibition of human cathepsins B, L, S and K by hypervalent tellurium compounds. Biological Chemistry, 2009, 390, 1205-1212.	1.2	33
42	A Novel Organotellurium Compound (RT-01) as a New Antileishmanial Agent. Korean Journal of Parasitology, 2009, 47, 213.	0.5	35
43	The electronic delocalization in paraâ€substituted Î²â€nitrostyrenes probed by resonance Raman spectroscopy and quantumâ€chemical calculations. Journal of Raman Spectroscopy, 2008, 39, 453-459.	1.2	7
44	Arylbutyltellurides as precursors of dilithium arylthienylcyanocuprates in a straightforward approach to phenethylamine derivatives. Tetrahedron Letters, 2008, 49, 873-875.	0.7	9
45	Protective effect of the organotelluroxetane RF-07 in pilocarpine-induced status epilepticus. Neurobiology of Disease, 2008, 31, 120-126.	2.1	35
46	Bcl-2 expression and apoptosis induction in human HL60 leukaemic cells treated with a novel organotellurium(IV) compound RT-04. Food and Chemical Toxicology, 2008, 46, 2540-2545.	1.8	39
47	Organotellurane-Promoted Mitochondrial Permeability Transition Concomitant with Membrane Lipid Protection against Oxidation. Chemical Research in Toxicology, 2007, 20, 1453-1461.	1.7	30
48	Electrospray ionization mass spectrometric characterization of key Te(IV) cationic intermediates for the addition of TeCl4 to alkynes. Rapid Communications in Mass Spectrometry, 2007, 21, 1479-1484.	0.7	9
49	Suzukiâ^'Miyaura Cross-Coupling Reactions of Aryl Tellurides with Potassium Aryltrifluoroborate Salts. Journal of Organic Chemistry, 2006, 71, 244-250.	1.7	74
50	Tellurium in organic synthesis: an approach to the synthesis of (Z,E)-dienic precursors of insect pheromones. Tetrahedron Letters, 2006, 47, 7147-7148.	0.7	15
51	Revisiting the addition reaction of TeCl4 to alkynes: The crystal structure and docking studies of 1-chloro-2-trichlorotelluro-3-phenyl-propen-2-ol. Journal of Organometallic Chemistry, 2006, 691, 4807-4815.	0.8	34
52	Selectivity aspects of the ring opening reaction of 2-alkenyl aziridines by carbon nucleophiles. Tetrahedron Letters, 2005, 46, 2539-2542.	0.7	18
53	Tellurium-based cysteine protease inhibitors: evaluation of novel organotellurium(IV) compounds as inhibitors of human cathepsin B. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 755-760.	1.0	103
54	One-Pot Synthesis of Aryl Butyl Tellurides from Tellurium Tetrachloride and Activated Aromatics Through a Solventless Step.. ChemInform, 2005, 36, no.	0.1	0

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55	One-pot synthesis of aryl butyl tellurides from tellurium tetrachloride and activated aromatics through a solventless step. Journal of Organometallic Chemistry, 2004, 689, 3631-3636.	0.8	15
56	Supramolecular self-assembly through tellurium···halogen secondary bonds: A hexagonal grid of Te2Cl2 and Te6Cl6 rings in the solid state structure of 1,1,3-trichloro-2,4,5,6-tetrahydro-1H-1λ4-benzo[b]tellurophene. Canadian Journal of Chemistry, 2002, 80, 1530-1537.	0.6	9
57	Acetonyldichloro[(Z)-2-chloro-2-phenylvinyl]tellurium(IV), helical chains of metal complexes. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 749-750.	0.4	1
58	Benzyltriethylammonium 2,2,2,4-tetrachloro-2,5-dihydro-1,2λ5-oxatellurole. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 897-898.	0.4	4
59	Dichloro[(E)-2-chloro-1-(2-hydroxyprop-2-yl)vinyl](4-methoxyphenyl)tellurium(IV). Acta Crystallographica Section C: Crystal Structure Communications, 1999, 55, 1339-1342.	0.4	2
60	Acetonyldichloro[(Z)-2-chloro-1-methyl-2-phenylethenyl]tellurium(IV). Acta Crystallographica Section C: Crystal Structure Communications, 1999, 55, 1930-1932.	0.4	2
61	Addition Reaction of p-Methoxyphenyltellurium Trichloride to 3-Hydroxy Alkynes. Organometallics, 1999, 18, 803-806.	1.1	37
62	Enzymatic kinetic resolution of methyl 2-methyl-4-oxopentanoate. , 0, , .		0
63	Organoselenium functionalized nitrogen heterocycles: a proposition for new antimalarials.. , 0, , .		0