

Oscar Endrigo Dorneles Rodrigues

List of Publications by Year in descending order

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79
papers

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218592

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1799
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#	ARTICLE	IF	CITATIONS
1	Overcoming MDR by Associating Doxorubicin and pH-Sensitive PLGA Nanoparticles Containing a Novel Organoselenium Compound—An In Vitro Study. <i>Pharmaceutics</i> , 2022, 14, 80.	2.0	4
2	Synthesis, spectroscopic characterization and DNA/HSA binding studies of (phenyl/naphthyl)ethenyl-substituted 1,3,4-oxadiazolyl-1,2,4-oxadiazoles. <i>New Journal of Chemistry</i> , 2021, 45, 471-484.	1.4	7
3	One-pot synthesis of 1,2,4-oxadiazoles from chalcogen amino acid derivatives under microwave irradiation. <i>Tetrahedron</i> , 2021, 91, 132222.	1.0	3
4	Organocatalysis in the Synthesis of 1,2,3,4-Triazolyl-Cnidovudine Derivatives: Synthesis and Preliminary Antioxidant Activity. <i>ChemistrySelect</i> , 2020, 5, 12255-12260.	0.7	6
5	Green synthesis and antibacterial activity of chalcogenoesters. <i>Monatshefte für Chemie</i> , 2020, 151, 377-383.	0.9	3
6	Evaluation of the effect of synthetic compounds derived from azidothymidine on MDA-MB-231 type breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127365.	1.0	5
7	Synthesis and Antiproliferative Evaluation of 5-arylchalcogenyl-(phenylselanyl-triazolyl)-thymidine. <i>ChemistrySelect</i> , 2020, 5, 324-329.	0.7	2
8	Synthesis and biological evaluation of new antioxidant and antiproliferative chalcogenobiotin derivatives for bladder carcinoma treatment. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115423.	1.4	1
9	Activation of SOD-3 is involved in the antioxidant effect of a new class of \hat{I}^2 -aryl-chalcogenium azide compounds in <i>Caenorhabditis elegans</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20181147.	0.3	7
10	A Straightforward and High-Yielding Synthesis of 1,2,4-Oxadiazoles from Chiral N-Protected \hat{I}^{\pm} -Amino Acids and Amidoximes in Acetone-Water: An Eco-Friendly Approach. <i>Journal of Chemistry</i> , 2019, 2019, 1-9.	0.9	5
11	New 3-triazolyl-5-aryl-chalcogenothymidine: Synthesis and Antioxidant and Antiproliferative Bladder Carcinoma (5637) Activity. <i>ChemistrySelect</i> , 2018, 3, 3479-3486.	0.7	9
12	Revitalizing the AZT Through of the Selenium: An Approach in Human Triple Negative Breast Cancer Cell Line. <i>Frontiers in Oncology</i> , 2018, 8, 525.	1.3	14
13	A New Protocol for the Synthesis of New Thioaryl-Porphyrins Derived from 5,10,15,20-Tetrakis(pentafluorophenyl)porphyrin: Photophysical Evaluation and DNA-Binding Interactive Studies. <i>Molecules</i> , 2018, 23, 2588.	1.7	15
14	Safety profile of AZT derivatives: Organoselenium moieties confer different cytotoxic responses in fresh human erythrocytes during in vitro exposures. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 240-248.	1.5	6
15	Selenothymidine protects against biochemical and behavioral alterations induced by ICV-STZ model of dementia in mice. <i>Chemico-Biological Interactions</i> , 2018, 294, 135-143.	1.7	19
16	Ferrocenylethenyl-substituted 1,3,4-oxadiazolyl-1,2,4-oxadiazoles: Synthesis, characterization and DNA-binding assays. <i>Journal of Organometallic Chemistry</i> , 2017, 841, 1-11.	0.8	27
17	One-pot synthesis and redox evaluations of chiral chalcogenocysteinol and \hat{I}^2 -bis-chalcogenoamine derivatives from L-serine methyl ester. <i>New Journal of Chemistry</i> , 2017, 41, 7424-7431.	1.4	2
18	Synthesis and electrochemical and antioxidant properties of chalcogenocyanate oxadiazole and 5-heteroarylchalcogenomethyl-1H-tetrazole derivatives. <i>New Journal of Chemistry</i> , 2017, 41, 5875-5883.	1.4	17

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19	Antibacterial effect of chalcogenoesters on planktonic cells and biofilms of <i>Streptococcus mutans</i> and <i>Streptococcus parasanguinis</i> . <i>Medicinal Chemistry Research</i> , 2017, 26, 1609-1618.	1.1	1
20	Synthesis, antioxidant and antitumoral activities of 5-arylchalcogeno-3-aminothymidine (ACAT) derivatives. <i>MedChemComm</i> , 2017, 8, 408-414.	3.5	25
21	Synthesis and Antitumoral Lung Carcinoma A549 and Antioxidant Activity Assays Of New Chiral Arylchalcogenium Azide Compounds. <i>ChemistrySelect</i> , 2017, 2, 8423-8430.	0.7	7
22	Chalcogenozidovudine Derivatives With Antitumor Activity: Comparative Toxicities in Cultured Human Mononuclear Cells. <i>Toxicological Sciences</i> , 2017, 160, 30-46.	1.4	18
23	Anti-inflammatory and Antioxidant Effects of Chlorophenylselenoesterol on TNBS-induced Inflammatory Bowel Disease in Mice. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 709-717.	1.2	8
24	Synthesis and antioxidant properties of organosulfur and organoselenium compounds derived from 5-substituted-1,3,4-oxadiazole/thiadiazole-2-thiols. <i>Tetrahedron Letters</i> , 2017, 58, 87-91.	0.7	33
25	Immune response in hamsters immunised with a recombinant fragment of LigA from <i>Leptospira interrogans</i> , associated with carrier molecules. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2016, 111, 712-716.	0.8	15
26	Stereoselective glycoconjugation of steroids with selenocarbohydrates. <i>RSC Advances</i> , 2016, 6, 93905-93914.	1.7	10
27	Biochemical and histological evaluations of anti-inflammatory and antioxidant p-chloro-selenosteroid actions in acute murine models of inflammation. <i>European Journal of Pharmacology</i> , 2016, 781, 25-35.	1.7	18
28	Synthesis and free radical scavenging activity of 2-alkyl/arylchalcogenyl-N-(4-aryl-1,3-thiazol-2-yl)acetamide compounds. <i>Tetrahedron Letters</i> , 2016, 57, 1031-1034.	0.7	10
29	Free radical scavenging in vitro and biological activity of diphenyl diselenide-loaded nanocapsules: DPDS-NCS antioxidant and toxicological effects. <i>International Journal of Nanomedicine</i> , 2015, 10, 5663.	3.3	8
30	The use of halloysite clay and carboxyl-functionalised multi-walled carbon nanotubes for recombinant LipL32 antigen delivery enhanced the IgG response. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 134-137.	0.8	15
31	Antinociceptive and anti-hyperalgesic effects of bis(4-methylbenzoyl) diselenide in mice: Evidence for the mechanism of action. <i>Pharmaceutical Biology</i> , 2015, 53, 395-403.	1.3	19
32	New Organochalcogen Multitarget Drug: Synthesis and Antioxidant and Antitumoral Activities of Chalcogenozidovudine Derivatives. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3329-3339.	2.9	107
33	Polymer-coated palladium nanoparticle catalysts for Suzuki coupling reactions. <i>Journal of Colloid and Interface Science</i> , 2015, 439, 154-161.	5.0	23
34	Synthesis of 1,3,4-oxadiazole derivatives from α -amino acid and acyl hydrazides under thermal heating or microwave irradiation conditions. <i>Arkivoc</i> , 2015, 2015, 131-144.	0.3	5
35	Diphenyl Diselenide-Loaded Nanocapsules: Preparation and Biological Distribution. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 755-766.	1.4	15
36	Contribution of dopaminergic and adenosinergic systems in the antinociceptive effect of p-chloro-selenosteroid. <i>European Journal of Pharmacology</i> , 2014, 725, 79-86.	1.7	20

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37	Straightforward synthesis of non-natural l-chalcogen and l-diselenide N-Boc-protected- $\hat{\alpha}$ -amino acid derivatives. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5173.	1.5	11
38	Synthesis and Antimicrobial Activity of Carbohydrate Based Schiff Bases: Importance of Sugar Moiety. <i>International Journal of Carbohydrate Chemistry</i> , 2013, 2013, 1-5.	1.5	14
39	Synthesis of [(Arylselanyl)alkyl]-1,2,3-triazoles by Copper-Catalyzed 1,3-Dipolar Cycloaddition of (Arylselanyl)alkynes with Benzyl Azides. <i>Synthesis</i> , 2012, 44, 1997-2004.	1.2	14
40	Synthesis of chiral $\hat{\alpha}$ -chalcogen amine derivatives and Gram-positive bacteria activity. <i>Tetrahedron</i> , 2012, 68, 10444-10448.	1.0	21
41	Ephedrine-based diselenide: a promiscuous catalyst suitable to mimic the enzyme glutathione peroxidase (GPx) and to promote enantioselective C-C coupling reactions. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6595.	1.5	30
42	Modulation of diorganoyl dichalcogenides reactivity by non-bonded nitrogen interactions. <i>Chemico-Biological Interactions</i> , 2012, 199, 96-105.	1.7	11
43	Selenides and diselenides containing oxadiazoles: a new class of functionalised materials. <i>Liquid Crystals</i> , 2012, 39, 769-777.	0.9	40
44	CuO nano particles and [bmim]BF ₄ : an application towards the synthesis of chiral $\hat{\alpha}$ -seleno amino derivatives via ring opening reaction of aziridines with diorganoyl diselenides. <i>RSC Advances</i> , 2012, 2, 8478.	1.7	33
45	Microwave-assisted one-pot synthesis of symmetrical diselenides, ditellurides and disulfides from organoyl iodides and elemental chalcogen catalyzed by CuO nanoparticles. <i>Journal of Molecular Catalysis A</i> , 2012, 365, 186-193.	4.8	47
46	C-S cross-coupling of thiols with aryl iodides under ligand-free conditions using nano copper oxide as a recyclable catalyst in ionic liquid. <i>Catalysis Science and Technology</i> , 2011, 1, 569.	2.1	56
47	Zn in ionic liquid: an efficient reaction media for the synthesis of diorganoyl chalcogenides and chalcogenoesters. <i>Tetrahedron</i> , 2011, 67, 4723-4730.	1.0	50
48	Bimetallic system for the synthesis of diorganoyl selenides and sulfides, chiral $\hat{\alpha}$ -seleno amines, and seleno- and thioesters. <i>Tetrahedron Letters</i> , 2011, 52, 3592-3596.	0.7	28
49	Synthesis of Arylseleno-1,2,3-triazoles via Copper-Catalyzed 1,3-Dipolar Cycloaddition of Azido Arylselenides with Alkynes. <i>Synthesis</i> , 2011, 2011, 2397-2406.	1.2	4
50	Efficient Ring Opening of Protected and Unprotected Aziridines Promoted by Stable Zinc Selenolate in Ionic Liquid. <i>Synlett</i> , 2011, 2011, 69-72.	1.0	4
51	An Efficient One-Pot Synthesis of Symmetrical Diselenides or Ditellurides from Halides with CuO Nanopowder/Se ⁰ or Te ⁰ /Base. <i>Organic Letters</i> , 2010, 12, 3288-3291.	2.4	164
52	Metal-Free Air Oxidation of Thiols in Recyclable Ionic Liquid: A Simple and Efficient Method for the Synthesis of Disulfides. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2661-2665.	1.2	44
53	Chiral Chalcogen Peptides as Ligands for the Catalytic Enantioselective Aryl Transfer Reaction to Aldehydes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3574-3578.	1.2	41
54	Stereoselective synthesis of selenosteroids. <i>Tetrahedron Letters</i> , 2010, 51, 2237-2240.	0.7	24

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55	Synthesis of azido arylselenides and azido aryldiselenides: a new class of selenium-nitrogen compounds. <i>Tetrahedron Letters</i> , 2010, 51, 3364-3367.	0.7	27
56	Ionic liquid: an efficient and reusable media for seleno- and thioester synthesis promoted by indium. <i>Tetrahedron Letters</i> , 2010, 51, 5728-5731.	0.7	26
57	Efficient synthesis of selenoesters from acyl chlorides mediated by CuO nanopowder in ionic liquid. <i>Green Chemistry</i> , 2010, 12, 957.	4.6	51
58	Synthesis of Diorganyl Selenides Mediated by Zinc in Ionic Liquid. <i>Journal of Organic Chemistry</i> , 2010, 75, 3886-3889.	1.7	35
59	Transition metal oxide nanopowder and ionic liquid: an efficient system for the synthesis of diorganyl selenides, selenocysteine and derivatives. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 2079-2087.	0.6	12
60	Synthesis of selenium- and tellurium-containing nucleosides derived from uridine. <i>Tetrahedron Letters</i> , 2009, 50, 3005-3007.	0.7	34
61	CuO nanoparticles: an efficient and recyclable catalyst for cross-coupling reactions of organic diselenides with aryl boronic acids. <i>Tetrahedron Letters</i> , 2009, 50, 6635-6638.	0.7	96
62	Eco-friendly cross-coupling of diaryl diselenides with aryl and alkyl bromides catalyzed by CuO nanopowder in ionic liquid. <i>Green Chemistry</i> , 2009, 11, 1521.	4.6	69
63	Comparative Studies on Dicholesteroyl Diselenide and Diphenyl Diselenide as Antioxidant Agents and their Effect on the Activities of Na ⁺ /K ⁺ ATPase and γ -Aminolevulinic acid Dehydratase in the Rat Brain. <i>Neurochemical Research</i> , 2008, 33, 167-178.	1.6	45
64	Synthesis and application of chiral α -amino disulfides as ligands for the enantioselective addition of diethylzinc to aldehydes. <i>Chirality</i> , 2008, 20, 839-845.	1.3	28
65	Carbohydrates in asymmetric synthesis: enantioselective allylation of aldehydes. <i>Tetrahedron Letters</i> , 2008, 49, 4956-4957.	0.7	16
66	Stereoselective synthesis of Boc-protected l-seleno- and telluroanthionine, l-seleno- and tellurocystine and derivatives. <i>Tetrahedron Letters</i> , 2006, 47, 1019-1021.	0.7	45
67	Aziridine Sulfides and Disulfides as Catalysts for the Enantioselective Addition of Diethylzinc to Aldehydes.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
68	Aziridine sulfides and disulfides as catalysts for the enantioselective addition of diethylzinc to aldehydes. <i>Chemical Communications</i> , 2004, , 2488-2489.	2.2	18
69	One-Pot Synthesis of New Chiral Sulfides and Selenides Containing Oxazolidines: Catalyst in the Enantioselective Addition of Diethylzinc to Benzaldehyde.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
70	Synthesis of New Chiral Aliphatic Amino Diselenides and Their Application as Catalysts for the Enantioselective Addition of Diethylzinc to Aldehydes.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
71	Synthesis of New Chiral Aliphatic Amino Diselenides and Their Application as Catalysts for the Enantioselective Addition of Diethylzinc to Aldehydes. <i>Organic Letters</i> , 2003, 5, 2635-2638.	2.4	128
72	One-Pot Synthesis of New Chiral Sulfides and Selenides Containing Oxazolidines: Catalyst in the Enantioselective Addition of Diethylzinc to Benzaldehyde. <i>Synthesis</i> , 2002, 2002, 2338-2340.	1.2	28

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73	Synthesis of chalcogenol esters from chalcogenoacetylenes. Tetrahedron, 2001, 57, 3297-3300.	1.0	42
74	New C ₂ -symmetric chiral disulfide ligands derived from (R)-cysteine. Tetrahedron, 2001, 57, 3291-3295.	1.0	34
75	Stereoselective Synthesis of (<i>Z</i>)- α -Organothiovinyltosylates and their Application in the Synthesis of Highly Functionalized Vinylic Sulfides. Synlett, 2001, 2001, 0371-0373.	1.0	7
76	First Coupling Reaction of Terminal Alkynes with Sulfur and Selenium Substituted Vinylic Tosylates Catalyzed by Pd(II). Synlett, 2001, 2001, 0369-0370.	1.0	10
77	Synthesis and crystal structure of (<i>Z</i>)-1-(phenylsulphenyl)-2-phenylethenyl p-toluenesulfonate. Journal of Chemical Crystallography, 1999, 29, 677-680.	0.5	2
78	Synthesis of thiolesters from thioacetylenes. Tetrahedron Letters, 1998, 39, 3395-3396.	0.7	17
79	Copper Oxide Nanoparticles-Catalyzed Aziridine Ring Opening with Diaryl Diselenides Under Ionic Liquid as Reaction Medium. , 0, , .		0