

Oscar Endrigo Dorneles Rodrigues

List of Publications by Year in descending order

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218592

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	Cu ⁰ -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
7	Efficient synthesis of selenoesters from acyl chlorides mediated by CuO nanopowder in ionic liquid. <i>Green Chemistry</i> , 2010, 12, 957.	4.6	51
8	Zn in ionic liquid: an efficient reaction media for the synthesis of diorganyl chalcogenides and chalcogenoesters. <i>Tetrahedron</i> , 2011, 67, 4723-4730.	1.0	50
9	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
10	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
11	Comparative Studies on Dicholesteryl Diselenide and Diphenyl Diselenide as Antioxidant Agents and their Effect on the Activities of Na ⁺ /K ⁺ ATPase and L-Aminolevulinic acid Dehydratase in the Rat Brain. <i>Neurochemical Research</i> , 2008, 33, 167-178.	1.6	45
12	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
13	Synthesis of chalcogenol esters from chalcogenoacetylenes. <i>Tetrahedron</i> , 2001, 57, 3297-3300.	1.0	42
14	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
15	Selenides and diselenides containing oxadiazoles: a new class of functionalised materials. <i>Liquid Crystals</i> , 2012, 39, 769-777.	0.9	40
16	Synthesis of Diorganyl Selenides Mediated by Zinc in Ionic Liquid. <i>Journal of Organic Chemistry</i> , 2010, 75, 3886-3889.	1.7	35
17	New C ₂ -symmetric chiral disulfide ligands derived from (R)-cysteine. <i>Tetrahedron</i> , 2001, 57, 3291-3295.	1.0	34
18	Synthesis of selenium- and tellurium-containing nucleosides derived from uridine. <i>Tetrahedron Letters</i> , 2009, 50, 3005-3007.	0.7	34

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19	CuO nano particles and [bmim]BF ₄ : an application towards the synthesis of chiral $\hat{\text{I}}^2$ -seleno amino derivatives via ring opening reaction of aziridines with diorganyl diselenides. RSC Advances, 2012, 2, 8478.	1.7	33
20	Synthesis and antioxidant properties of organosulfur and organoselenium compounds derived from 5-substituted-1,3,4-oxadiazole/thiadiazole-2-thiols. Tetrahedron Letters, 2017, 58, 87-91.	0.7	33
21	Ephedrine-based diselenide: a promiscuous catalyst suitable to mimic the enzyme glutathione peroxidase (GPx) and to promote enantioselective C–C coupling reactions. Organic and Biomolecular Chemistry, 2012, 10, 6595.	1.5	30
22	One-Pot Synthesis of New Chiral Sulfides and Selenides Containing Oxazolidines: Catalyst in the Enantioselective Addition of Diethylzinc to Benzaldehyde. Synthesis, 2002, 2002, 2338-2340.	1.2	28
23	Synthesis and application of chiral $\hat{\text{I}}^2$ -amino disulfides as ligands for the enantioselective addition of diethylzinc to aldehydes. Chirality, 2008, 20, 839-845.	1.3	28
24	Bimetallic system for the synthesis of diorganyl selenides and sulfides, chiral $\hat{\text{I}}^2$ -seleno amines, and seleno- and thioesters. Tetrahedron Letters, 2011, 52, 3592-3596.	0.7	28
25	Synthesis of azido arylselenides and azido aryldiselenides: a new class of selenium–nitrogen compounds. Tetrahedron Letters, 2010, 51, 3364-3367.	0.7	27
26	Ferrocenylethenyl-substituted 1,3,4-oxadiazolyl-1,2,4-oxadiazoles: Synthesis, characterization and DNA-binding assays. Journal of Organometallic Chemistry, 2017, 841, 1-11.	0.8	27
27	Ionic liquid: an efficient and reusable media for seleno- and thioester synthesis promoted by indium. Tetrahedron Letters, 2010, 51, 5728-5731.	0.7	26
28	Synthesis, antioxidant and antitumoral activities of 5-arylchalcogeno-3-aminothymidine (ACAT) derivatives. MedChemComm, 2017, 8, 408-414.	3.5	25
29	Stereoselective synthesis of selenosteroids. Tetrahedron Letters, 2010, 51, 2237-2240.	0.7	24
30	Polymer-coated palladium nanoparticle catalysts for Suzuki coupling reactions. Journal of Colloid and Interface Science, 2015, 439, 154-161.	5.0	23
31	Synthesis of chiral $\hat{\text{I}}^2$ -chalcogen amine derivatives and Gram-positive bacteria activity. Tetrahedron, 2012, 68, 10444-10448.	1.0	21
32	Contribution of dopaminergic and adenosinergic systems in the antinociceptive effect of p-chloro-selenosteroid. European Journal of Pharmacology, 2014, 725, 79-86.	1.7	20
33	Antinociceptive and anti-hyperalgesic effects of bis(4-methylbenzoyl) diselenide in mice: Evidence for the mechanism of action. Pharmaceutical Biology, 2015, 53, 395-403.	1.3	19
34	Selenothymidine protects against biochemical and behavioral alterations induced by ICV-STZ model of dementia in mice. Chemico-Biological Interactions, 2018, 294, 135-143.	1.7	19
35	Aziridine sulfides and disulfides as catalysts for the enantioselective addition of diethylzinc to aldehydes. Chemical Communications, 2004, , 2488-2489.	2.2	18
36	Biochemical and histological evaluations of anti-inflammatory and antioxidant p-chloro-selenosteroid actions in acute murine models of inflammation. European Journal of Pharmacology, 2016, 781, 25-35.	1.7	18

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37	Chalcogenozidovudine Derivatives With Antitumor Activity: Comparative Toxicities in Cultured Human Mononuclear Cells. <i>Toxicological Sciences</i> , 2017, 160, 30-46.	1.4	18
38	Synthesis of thioesters from thioacetylenes. <i>Tetrahedron Letters</i> , 1998, 39, 3395-3396.	0.7	17
39	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
40	Carbohydrates in asymmetric synthesis: enantioselective allylation of aldehydes. <i>Tetrahedron Letters</i> , 2008, 49, 4956-4957.	0.7	16
41	Diphenyl Diselenide-Loaded Nanocapsules: Preparation and Biological Distribution. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 755-766.	1.4	15
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	Modulation of diorganoyl dichalcogenides reactivity by non-bonded nitrogen interactions. <i>Chemico-Biological Interactions</i> , 2012, 199, 96-105.	1.7	11
50	Straightforward synthesis of non-natural l-chalcogen and l-diselenide N-Boc-protected- β -amino acid derivatives. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5173.	1.5	11
51	First Coupling Reaction of Terminal Alkynes with Sulfur and Selenium Substituted Vinylic Tosylates Catalyzed by Pd(II). <i>Synlett</i> , 2001, 2001, 0369-0370.	1.0	10
52	Stereoselective glycoconjugation of steroids with selenocarbohydrates. <i>RSC Advances</i> , 2016, 6, 93905-93914.	1.7	10
53	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
54	New 3- α -Triazolyl-5- α -Aryl-Chalcogenothymidine: Synthesis and Antioxidant and Antiproliferative Bladder Carcinoma (5637) Activity. <i>ChemistrySelect</i> , 2018, 3, 3479-3486.	0.7	9

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55	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
56	Anti-inflammatory and Antioxidant Effects of α -Chlorophenylselenoesterol on TNBS-induced Inflammatory Bowel Disease in Mice. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 709-717.	1.2	8
57	Stereoselective Synthesis of α -Organothiovinyltosylates and their Application in the Synthesis of Highly Functionalized Vinylic Sulfides. <i>Synlett</i> , 2001, 2001, 0371-0373.	1.0	7
58	Synthesis and Antitumoral Lung Carcinoma A549 and Antioxidant Activity Assays Of New Chiral β -Arylseleno Chalcogenium Azide Compounds. <i>ChemistrySelect</i> , 2017, 2, 8423-8430.	0.7	7
59	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
60	Activation of SOD-3 is involved in the antioxidant effect of a new class of β -aryl-chalcogenium azide compounds in <i>Caenorhabditis elegans</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20181147.	0.3	7
61	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
62	Organocatalysis in the Synthesis of 1,2,3-Triazolylidovudine Derivatives: Synthesis and Preliminary Antioxidant Activity. <i>ChemistrySelect</i> , 2020, 5, 12255-12260.	0.7	6
63	A Straightforward and High-Yielding Synthesis of 1,2,4-Oxadiazoles from Chiral N-Protected β -Amino Acids and Amidoximes in Acetone-Water: An Eco-Friendly Approach. <i>Journal of Chemistry</i> , 2019, 2019, 1-9.	0.9	5
64	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
65	Synthesis of 1,3,4-oxadiazole derivatives from β -amino acid and acyl hydrazides under thermal heating or microwave irradiation conditions. <i>Arkivoc</i> , 2015, 2015, 131-144.	0.3	5
66	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
67	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
68	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
69	Green synthesis and antibacterial activity of chalcogenoesters. <i>Monatshefte für Chemie</i> , 2020, 151, 377-383.	0.9	3
70	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
71	Synthesis and crystal structure of (Z)-1-(phenylsulphenyl)-2-phenylethenyl p-toluenesulfonate. <i>Journal of Chemical Crystallography</i> , 1999, 29, 677-680.	0.5	2
72	One-pot synthesis and redox evaluations of chiral chalcogenocysteinol and β -bis-chalcogenoamine derivatives from L-serine methyl ester. <i>New Journal of Chemistry</i> , 2017, 41, 7424-7431.	1.4	2

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73	Synthesis and Antiproliferative Evaluation of 5-arylchalcogenyl-(phenylselenanyl-triazoyl)-thymidine. ChemistrySelect, 2020, 5, 324-329.	0.7	2
74	Antibacterial effect of chalcogenoesters on planktonic cells and biofilms of Streptococcus mutans and Streptococcus parasanguinis. Medicinal Chemistry Research, 2017, 26, 1609-1618.	1.1	1
75	Synthesis and biological evaluation of new antioxidant and antiproliferative chalcogenobiotin derivatives for bladder carcinoma treatment. Bioorganic and Medicinal Chemistry, 2020, 28, 115423.	1.4	1
76	One-Pot Synthesis of New Chiral Sulfides and Selenides Containing Oxazolidines: Catalyst in the Enantioselective Addition of Diethylzinc to Benzaldehyde.. ChemInform, 2003, 34, no.	0.1	0
77	Synthesis of New Chiral Aliphatic Amino Diselenides and Their Application as Catalysts for the Enantioselective Addition of Diethylzinc to Aldehydes.. ChemInform, 2003, 34, no.	0.1	0
78	Aziridine Sulfides and Disulfides as Catalysts for the Enantioselective Addition of Diethylzinc to Aldehydes.. ChemInform, 2005, 36, no.	0.1	0
79	Copper Oxide Nanoparticles-Catalyzed Aziridine Ring Opening with Diaryl Diselenides Under Ionic Liquid as Reaction Medium. , 0, , .		0