

Antonio Braga

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

291
papers

8,911
citations

49
h-index

73
g-index

449
ext. papers

9,908
ext. citations

3.6
avg, IF

6.02
L-index

#	Paper	IF	Citations
291	A Novel Diselenide-Probucol-Analogue Protects Against Methylmercury-Induced Toxicity in HT22 Cells by Upregulating Peroxide Detoxification Systems: a Comparison with Diphenyl Diselenide.. <i>Neurotoxicity Research</i> , 2022 , 40, 127-139	4.3	
290	IP-Se-06, a Selenylated Imidazo[1,2-]pyridine, Modulates Intracellular Redox State and Causes Akt/mTOR/HIF-1 and MAPK Signaling Inhibition, Promoting Antiproliferative Effect and Apoptosis in Glioblastoma Cells.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 3710449	6.7	0
289	Novel trypanocidal thiophen-chalcone cruzain inhibitors: structure- and ligand-based studies.. <i>Future Medicinal Chemistry</i> , 2022 , 14, 795-808	4.1	0
288	Advances in photochemical seleno-functionalization of (hetero)arenes 2022 , 123-145		
287	Dihydropyrimidinone-derived selenoesters efficacy and safety in an in vivo model of A β aggregation. <i>NeuroToxicology</i> , 2021 , 88, 14-24	4.4	2
286	Novel Dihydropyrimidinone-Derived Selenoesters as Potential Cytotoxic Agents to Human Hepatocellular Carcinoma: Molecular Docking and DNA Fragmentation. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021 , 21, 703-715	2.2	2
285	Light-Mediated Seleno-Functionalization of Organic Molecules: Recent Advances. <i>Chemical Record</i> , 2021 , 21, 2739-2761	6.6	9
284	Docking and molecular dynamics predicted B-DNA and dihydropyrimidinone selenoesters interactions elucidating antiproliferative effects on breast adenocarcinoma cells. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 1-14	3.6	2
283	2-Phenyl-3-(phenylselanyl)benzofuran elicits acute antidepressant-like action in male Swiss mice mediated by modulation of the dopaminergic system and reveals therapeutic efficacy in both sexes. <i>Psychopharmacology</i> , 2021 , 238, 3013-3024	4.7	2
282	KIO4-mediated Selective Hydroxymethylation/Methylenation of Imidazo-Heteroarenes: A Greener Approach. <i>Angewandte Chemie</i> , 2021 , 133, 18602-18608	3.6	2
281	The Thiol-Modifier Effects of Organoselenium Compounds and Their Cytoprotective Actions in Neuronal Cells. <i>Neurochemical Research</i> , 2021 , 46, 120-130	4.6	18
280	Apoptosis oxidative damage-mediated and antiproliferative effect of selenylated imidazo[1,2-a]pyridines on hepatocellular carcinoma HepG2 cells and in vivo. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , 35, e22663	3.4	6
279	It takes two to tango: synthesis of cytotoxic quinones containing two redox active centers with potential antitumor activity. <i>RSC Medicinal Chemistry</i> , 2021 , 12, 1709-1721	3.5	3
278	Catalytic Antioxidant Activity of Bis-Aniline-Derived Diselenides as GPx Mimics. <i>Molecules</i> , 2021 , 26,	4.8	5
277	Versatile Electrochemical Oxidative C(sp ²) π Bond Selenylation of Resveratrol. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 4411-4416	3.2	0
276	KIO ⁻ -mediated Selective Hydroxymethylation/Methylenation of Imidazo-Heteroarenes: A Greener Approach. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 18454-18460	16.4	5
275	Electrohalogenation of organic compounds. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 2578-2602	3.9	15

274	Anti-Staphylococcus aureus Methicillin-Resistant (MRSA) Activity of a Novel 3-Chalcogenyl Indole. <i>Scientia Medica</i> , 2021 , 31, e41325	0.3	0
273	Frontispiece: Photoinduced, Direct C(sp ²)H Bond Azo Coupling of Imidazoheteroarenes and Imidazoanilines with Aryl Diazonium Salts Catalyzed by Eosin Y. <i>Chemistry - A European Journal</i> , 2020 , 26,	4.8	1
272	Synthesis, characterization and photoinduced CO-release by manganese(II) complexes. <i>New Journal of Chemistry</i> , 2020 , 44, 10892-10901	3.6	2
271	Fast and easy conversion of ortho amidoaryldiselenides into the corresponding ebselen-like derivatives driven by theoretical investigations. <i>New Journal of Chemistry</i> , 2020 , 44, 9444-9451	3.6	7
270	New Probulcol Analogues Inhibit Ferroptosis, Improve Mitochondrial Parameters, and Induce Glutathione Peroxidase in HT22 Cells. <i>Molecular Neurobiology</i> , 2020 , 57, 3273-3290	6.2	5
269	Electrochemical Selenation/Cyclization of Quinones: A Rapid, Green and Efficient Access to Functionalized Trypanocidal and Antitumor Compounds. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 4474-4486	3.2	11
268	Trihaloisocyanuric acids in ethanol: an eco-friendly system for the regioselective halogenation of imidazo-heteroarenes. <i>Green Chemistry</i> , 2020 , 22, 3410-3415	10	29
267	Photoinduced, Direct C(sp ²)-H Bond Azo Coupling of Imidazoheteroarenes and Imidazoanilines with Aryl Diazonium Salts Catalyzed by Eosin Y. <i>Chemistry - A European Journal</i> , 2020 , 26, 4461-4466	4.8	24
266	Borophosphate glass as an active media for CuO nanoparticle growth: an efficient catalyst for selenylation of oxadiazoles and application in redox reactions. <i>Scientific Reports</i> , 2020 , 10, 15233	4.9	10
265	Cu(II) complexes with tridentate sulfur and selenium ligands: catecholase and hydrolysis activity. <i>New Journal of Chemistry</i> , 2020 , 44, 15698-15707	3.6	2
264	One-pot organocatalytic/multicomponent approach for the preparation of novel enantioenriched non-natural selenium-based peptoids and peptide-peptoid conjugates. <i>Molecular Diversity</i> , 2020 , 24, 1-10	3.1	5
263	Electrochemical synthesis of selenyl-dihydrofurans via anodic selenofunctionalization of allyl-naphthol/phenol derivatives and their anti-Alzheimer activity. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 4916-4921	3.9	28
262	Synthesis, characterization and biological evaluation of new manganese metal carbonyl compounds that contain sulfur and selenium ligands as a promising new class of CORMs. <i>Dalton Transactions</i> , 2019 , 48, 5574-5584	4.3	11
261	A Straightforward and High-Yielding Synthesis of 1,2,4-Oxadiazoles from Chiral N-Protected α -Amino Acids and Amidoximes in Acetone-Water: An Eco-Friendly Approach. <i>Journal of Chemistry</i> , 2019 , 2019, 1-9	2.3	4
260	Copper complexes and carbon nanotube/copper ferrite-catalyzed benzenoid A-ring selenation of quinones: an efficient method for the synthesis of trypanocidal agents. <i>New Journal of Chemistry</i> , 2019 , 43, 13751-13763	3.6	16
259	Electrochemical Oxidative C(sp ²)H Bond Selenylation of Activated Arenes. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 6465-6469	3.2	25
258	Recent Advances in Electrochemical Chalcogen (S/Se)-Functionalization of Organic Molecules. <i>ChemElectroChem</i> , 2019 , 6, 5928-5940	4.3	24
257	Substituent, structural and positional isomerisation alter anti-oxidant activity of organochalcogen compounds in rats brain preparations. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 1268-1276	5.9	0

256	Design, Synthesis, and In Vitro Evaluation of a Novel Probuocol Derivative: Protective Activity in Neuronal Cells Through GPx Upregulation. <i>Molecular Neurobiology</i> , 2018 , 55, 7619-7634	6.2	6
255	Rose Bengal catalysed photo-induced selenylation of indoles, imidazoles and arenes: a metal free approach. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 880-885	3.9	79
254	Fe ₃ O ₄ Nanoparticles: A Robust and Magnetically Recoverable Catalyst for Direct C-H Bond Selenylation and Sulfenylation of Benzothiazoles. <i>ChemistrySelect</i> , 2018 , 3, 328-334	1.8	29
253	Diselenoamino acid derivatives as GPx mimics and as substrates of TrxR: in vitro and in silico studies. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 3777-3787	3.9	15
252	KIO ₃ -Catalyzed C(sp ²)-H Bond Selenylation/Sulfenylation of (Hetero)arenes: Synthesis of Chalcogenated (Hetero)arenes and their Evaluation for Anti-Alzheimer Activity. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1819-1824	3	37
251	Novel selenylated imidazo[1,2-a]pyridines for breast cancer chemotherapy: Inhibition of cell proliferation by Akt-mediated regulation, DNA cleavage and apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 503, 1291-1297	3.4	31
250	Novel pyrimidinic selenourea induces DNA damage, cell cycle arrest, and apoptosis in human breast carcinoma. <i>European Journal of Medicinal Chemistry</i> , 2018 , 155, 503-515	6.8	22
249	Direct, Metal-free C(sp ³)-H Chalcogenation of Indoles and Imidazopyridines with Dichalcogenides Catalysed by KIO. <i>Chemistry - A European Journal</i> , 2018 , 24, 4173-4180	4.8	87
248	Copper-Catalyzed Three-Component Reaction of Oxadiazoles, Elemental Se/S and Aryl Iodides: Synthesis of Chalcogenyl (Se/S)-Oxadiazoles. <i>ChemistrySelect</i> , 2018 , 3, 13191-13196	1.8	21
247	NH ₄ I-catalyzed chalcogen(S/Se)-functionalization of 5-membered N-heteroaryls under metal-free conditions. <i>Tetrahedron</i> , 2018 , 74, 3971-3980	2.4	38
246	Borophosphate glasses: Synthesis, characterization and application as catalyst for bis(indolyl)methanes synthesis under greener conditions. <i>Journal of Non-Crystalline Solids</i> , 2018 , 498, 153-159	3.9	28
245	Succinobucol, a Non-Statin Hypocholesterolemic Drug, Prevents Premotor Symptoms and Nigrostriatal Neurodegeneration in an Experimental Model of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2017 , 54, 1513-1530	6.2	7
244	Metal- and Solvent-Free Approach to Access 3-Se/S-Chromones from the Cyclization of Enaminones in the Presence of Dichalcogenides Catalyzed by KIO. <i>ACS Omega</i> , 2017 , 2, 2280-2290	3.9	37
243	Synthesis and structural characterisation of the aggregates of benzo-1,2-chalcogenazole 2-oxides. <i>Dalton Transactions</i> , 2017 , 46, 6570-6579	4.3	49
242	Synthesis of Selenium-Quinone Hybrid Compounds with Potential Antitumor Activity via Rh-Catalyzed C-H Bond Activation and Click Reactions. <i>Molecules</i> , 2017 , 23,	4.8	29
241	Synthesis and Antitumoral Lung Carcinoma A549 and Antioxidant Activity Assays Of New Chiral E-Aryl-Chalcogenium Azide Compounds. <i>ChemistrySelect</i> , 2017 , 2, 8423-8430	1.8	5
240	Solvent- and metal-free selective oxidation of thiols to disulfides using I ₂ /DMSO catalytic system. <i>Tetrahedron Letters</i> , 2017 , 58, 4713-4716	2	32
239	Solvent- and Metal-Free Chalcogenation of Bicyclic Arenes Using I ₂ /DMSO as Non-Metallic Catalytic System. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 4740-4748	3.2	47

238	Regioselective hydrothiolation of terminal acetylene catalyzed by magnetite (Fe ₃ O ₄) nanoparticles. <i>Synthetic Communications</i> , 2017 , 47, 291-298	1.7	21
237	Allylic Selenocyanates as New Agents to Combat Fusarium Species Involved with Human Infections. <i>ChemistrySelect</i> , 2017 , 2, 11926-11932	1.8	6
236	Copper-Catalyzed Synthesis of Unsymmetrical Diorganyl Chalcogenides (Te/Se/S) from Boronic Acids under Solvent-Free Conditions. <i>Molecules</i> , 2017 , 22,	4.8	36
235	Synthesis and evaluation of dihydropyrimidinone-derived selenoesters as multi-targeted directed compounds against Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 5762-5770	3.4	49
234	Regioselective, Solvent- and Metal-Free Chalcogenation of Imidazo[1,2-a]pyridines by Employing I ₂ /DMSO as the Catalytic Oxidation System. <i>Chemistry - A European Journal</i> , 2016 , 22, 11854-62	4.8	127
233	Diphenyl diselenide derivatives inhibit microbial biofilm formation involved in wound infection. <i>BMC Microbiology</i> , 2016 , 16, 220	4.5	42
232	Synthesis and antitumor activity of selenium-containing quinone-based triazoles possessing two redox centres, and their mechanistic insights. <i>European Journal of Medicinal Chemistry</i> , 2016 , 122, 1-16	6.8	49
231	Succinobucol, a Lipid-Lowering Drug, Protects Against 3-Nitropropionic Acid-Induced Mitochondrial Dysfunction and Oxidative Stress in SH-SY5Y Cells via Upregulation of Glutathione Levels and Glutamate Cysteine Ligase Activity. <i>Molecular Neurobiology</i> , 2016 , 53, 1280-1295	6.2	20
230	DMSO/iodine-catalyzed oxidative CBe/CB bond formation: a regioselective synthesis of unsymmetrical chalcogenides with nitrogen- or oxygen-containing arenes. <i>Catalysis Science and Technology</i> , 2016 , 6, 3087-3098	5.5	61
229	Decreased forelimb ability in mice intracerebroventricularly injected with low dose 6-hydroxidopamine: A model on the dissociation of bradykinesia from hypokinesia. <i>Behavioural Brain Research</i> , 2016 , 305, 30-6	3.4	5
228	Atheroprotective action of a modified organoselenium compound: in vitro evidence. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016 , 88, 1953-1965	1.4	1
227	Synthesis of Biologically Active Selenium-Containing Molecules From Greener Perspectives. <i>Current Green Chemistry</i> , 2016 , 3, 51-67	1.3	5
226	A One-Pot Access to Benzo[b][1,4]selenazines from 2-Aminoaryl Diselenides. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 3097-3102	3.2	18
225	Hybrid compounds with two redox centres: modular synthesis of chalcogen-containing lapachones and studies on their antitumor activity. <i>European Journal of Medicinal Chemistry</i> , 2015 , 101, 254-65	6.8	50
224	Synthesis of Functionalized Organoselenium Materials: Selenides and Diselenides Containing Cholesterol. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 3470-3476	3.2	35
223	Synthesis of Unsymmetrical Diorganyl Chalcogenides under Greener Conditions: Use of an Iodine/DMSO System, Solvent- and Metal-Free Approach. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 1446-1452	5.6	56
222	New organochalcogen multitarget drug: synthesis and antioxidant and antitumoral activities of chalcogenozidovudine derivatives. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 3329-39	8.3	77
221	Charge-displacement analysis as a tool to study chalcogen bonded adducts and predict their association constants in solution. <i>Dalton Transactions</i> , 2015 , 44, 20168-75	4.3	19

220	Crystal structure of 4-phenyl-1-{2-[(2,4,6-trimethyl-phen-yl)selan-yl]phen-yl}-1H-1,2,3-triazole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o204-5	0.7	1
219	Crystal structure of 1-{1-[2-(phenyl-selan-yl)phen-yl]-1H-1,2,3-triazol-4-yl}cyclo-hexan-1-ol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o200-1	0.7	2
218	On the investigation of hybrid quinones: synthesis, electrochemical studies and evaluation of trypanocidal activity. <i>RSC Advances</i> , 2015 , 5, 78047-78060	3.7	37
217	Synthesis of 3-Selenylindoles under Eco-Friendly Conditions. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 5070-5074	3.2	35
216	Synthesis and biological evaluation of 2-picolyamide-based diselenides with non-bonded interactions. <i>Molecules</i> , 2015 , 20, 10095-109	4.8	31
215	Catalytic chalcogenylation under greener conditions: a solvent-free sulfur- and seleno-functionalization of olefins via I ₂ /DMSO oxidant system. <i>Journal of Organic Chemistry</i> , 2015 , 80, 2120-7	4.2	96
214	Crystal structure of 1-{2-[(2-meth-oxy-phen-yl)selan-yl]phen-yl}-4-phenyl-1H-1,2,3-triazole. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o202-3	0.7	2
213	Recent Advances in the Synthesis of Biologically Relevant Selenium-containing 5-Membered Heterocycles. <i>Current Organic Chemistry</i> , 2015 , 20, 166-188	1.7	24
212	Magnetite (Fe ₃ O ₄) nanoparticles: an efficient and recoverable catalyst for the synthesis of alkynyl chalcogenides (selenides and tellurides) from terminal acetylenes and diorganyl dichalcogenides. <i>Tetrahedron</i> , 2014 , 70, 3349-3354	2.4	20
211	Green synthesis of 1,3-diynes from terminal acetylenes under solvent-free conditions. <i>Green Chemistry Letters and Reviews</i> , 2014 , 7, 105-112	4.7	13
210	Design, synthesis and evaluation of seleno-dihydropyrimidinones as potential multi-targeted therapeutics for Alzheimer's disease. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 3470-7	3.9	24
209	The green side of the moon: ecofriendly aspects of organoselenium chemistry. <i>RSC Advances</i> , 2014 , 4, 31521-31535	3.7	145
208	K ₂ CO ₃ -mediated, direct C-H bond selenation and thiolation of 1,3,4-oxadiazoles in the absence of metal catalyst: an eco-friendly approach. <i>RSC Advances</i> , 2014 , 4, 51648-51652	3.7	30
207	Synthesis and biological evaluation of new nitrogen-containing diselenides. <i>European Journal of Medicinal Chemistry</i> , 2014 , 87, 131-9	6.8	57
206	Evaluation of the pharmacological properties of salicylic acid-derivative organoselenium: 2-hydroxy-5-selenocyanatobenzoic acid as an anti-inflammatory and antinociceptive compound. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 118, 87-95	3.9	20
205	Addition of butoxycarbonyl group to phenylalanine derived chalcogenide increases the toxic potential: importance of non-bonding nitrogen interaction. <i>Chemico-Biological Interactions</i> , 2014 , 207, 24-5	5	2
204	A solvent- and metal-free synthesis of 3-chalcogenyl-indoles employing DMSO/I ₂ as an eco-friendly catalytic oxidation system. <i>Journal of Organic Chemistry</i> , 2014 , 79, 4125-30	4.2	134
203	Direct Synthesis of Allylic Thioethers Under Greener Conditions: A Solvent- and Catalyst-Free Approach. <i>Synthetic Communications</i> , 2014 , 44, 3441-3449	1.7	4

202	Synthesis of Thiol Esters Using Nano CuO/Ionic Liquid as an Eco-Friendly Reductive System Under Microwave Irradiation. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 5188-5194	3.2	19
201	Straightforward synthesis of non-natural L-chalcogen and L-diselenide N-Boc-protected- α -amino acid derivatives. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 5173-83	3.9	10
200	Bio-inspired sensor based on glutathione peroxidase mimetic for hydrogen peroxide detection. <i>Sensors and Actuators B: Chemical</i> , 2013 , 176, 782-788	8.5	8
199	Succinobucol versus probucol: higher efficiency of succinobucol in mitigating 3-NP-induced brain mitochondrial dysfunction and oxidative stress in vitro. <i>Mitochondrion</i> , 2013 , 13, 125-33	4.9	20
198	Solvent-Free Fmoc Protection of Amines Under Microwave Irradiation. <i>Asian Journal of Organic Chemistry</i> , 2013 , 2, 746-749	3	15
197	Hepatoprotective effect of bis(4-methylbenzoyl) diselenide against CCl ₄ -induced oxidative damage in mice. <i>Cell Biochemistry and Function</i> , 2013 , 31, 152-8	4.2	9
196	Synthesis of Biologically Relevant Small Molecules Containing Selenium. Part A. Antioxidant Compounds 2013 ,		2
195	Catálise assimétrica no Brasil: desenvolvimento e potencialidades para o avanço da indústria química brasileira. <i>Quimica Nova</i> , 2013 , 36, 1591-1599	1.6	2
194	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, 6595-9	3.9	25
193	Synthesis of selenol esters from diorganyl diselenides and acyl chlorides under solvent-free conditions and microwave irradiation. <i>Green Chemistry</i> , 2012 , 14, 456	10	43
192	Modulation of diorganoyl dichalcogenides reactivity by non-bonded nitrogen interactions. <i>Chemico-Biological Interactions</i> , 2012 , 199, 96-105	5	11
191	GPx-Like activity of selenides and selenoxides: experimental evidence for the involvement of hydroxy perhydroxy selenane as the active species. <i>Journal of the American Chemical Society</i> , 2012 , 134, 138-41	16.4	130
190	Selenides and diselenides containing oxadiazoles: a new class of functionalised materials. <i>Liquid Crystals</i> , 2012 , 39, 769-777	2.3	34
189	Imidazolium-containing diselenides for catalytic oxidations with hydrogen peroxide and sodium bromide in aqueous solutions. <i>Tetrahedron</i> , 2012 , 68, 10476-10481	2.4	42
188	An efficient synthesis of alkynyl selenides and tellurides from terminal acetylenes and diorganyl diselenides or ditellurides catalyzed by recyclable copper oxide nanopowder. <i>Tetrahedron</i> , 2012 , 68, 10426-10430	2.4	20
187	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		39
186	An organoselenium drug with antioxidant activity and free radical scavenging capacity in vitro. <i>Biological Trace Element Research</i> , 2012 , 149, 399-404	4.5	9
185	Antioxidant activity of β -selenoamines and their capacity to mimic different enzymes. <i>Molecular and Cellular Biochemistry</i> , 2012 , 365, 85-92	4.2	23

184	Activation of Peroxides by Organoselenium Catalysts: A Synthetic and Biological Perspective 2011 , 251-283	6
183	Chiral organoselenium-transition-metal catalysts in asymmetric transformations. <i>Dalton Transactions</i> , 2011 , 40, 11347-55	4.3 83
182	C ⁶⁰ 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	5.5 48
181	Imidazolium ionic liquids containing selenium: synthesis and antimicrobial activity. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 1001-3	3.9 67
180	Protective effects of organoselenium compounds against methylmercury-induced oxidative stress in mouse brain mitochondrial-enriched fractions. <i>Brazilian Journal of Medical and Biological Research</i> , 2011 , 44, 1156-63	2.8 15
179	Hydroxyl containing seleno-imine compound exhibits improved anti-oxidant potential and does not inhibit thiol-containing enzymes. <i>Chemico-Biological Interactions</i> , 2011 , 190, 35-44	5 13
178	Zn in ionic liquid: an efficient reaction media for the synthesis of diorganyl chalcogenides and chalcogenoesters. <i>Tetrahedron</i> , 2011 , 67, 4723-4730	2.4 45
177	Bimetallic system for the synthesis of diorganyl selenides and sulfides, chiral β -seleno amines, and seleno- and thioesters. <i>Tetrahedron Letters</i> , 2011 , 52, 3592-3596	2 25
176	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	2.9 3
175	Efficient Ring Opening of Protected and Unprotected Aziridines Promoted by Stable Zinc Selenolate in Ionic Liquid. <i>Synlett</i> , 2011 , 2011, 69-72	2.2 2
174	Straightforward Method for the Synthesis of Selenocysteine and Selenocystine Derivatives from L-Serine Methyl Ester. <i>Synthesis</i> , 2010 , 2010, 3131-3137	2.9 16
173	Efficient synthesis of selenoesters from acyl chlorides mediated by CuO nanopowder in ionic liquid. <i>Green Chemistry</i> , 2010 , 12, 957	10 47
172	Synthesis of diorganyl selenides mediated by zinc in ionic liquid. <i>Journal of Organic Chemistry</i> , 2010 , 75, 3886-9	4.2 32
171	Catalytic application of selenium and tellurium compounds as glutathione peroxidase enzyme mimetics. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 2032-2041	1.5 115
170	An efficient one-pot synthesis of symmetrical diselenides or ditellurides from halides with CuO nanopowder/SeO or TeO/base. <i>Organic Letters</i> , 2010 , 12, 3288-91	6.2 127
169	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	3.2 39
168	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	3.2 32
167	New class of amino-phosphinite chiral catalysts for the highly enantioselective addition of arylzinc reagents to aldehydes. <i>Tetrahedron</i> , 2010 , 66, 1341-1345	2.4 25

166	Synthesis of new fluorous modular chiral ligand derivatives from amino alcohols and application in enantioselective carbon-carbon bond-forming alkylation reactions. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 997-1003		11
165	Stereoselective synthesis of selenosteroids. <i>Tetrahedron Letters</i> , 2010 , 51, 2237-2240	2	19
164	Synthesis of azido arylselenides and azido aryldiselenides: a new class of selenium-nitrogen compounds. <i>Tetrahedron Letters</i> , 2010 , 51, 3364-3367	2	23
163	Ionic liquid: an efficient and reusable media for seleno- and thioester synthesis promoted by indium. <i>Tetrahedron Letters</i> , 2010 , 51, 5728-5731	2	24
162	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	1.5	11
161	Genetic toxicity of three symmetrical diselenides in yeast. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 2119-2124	1.5	5
160	Stereoselective Synthesis of Alkynyl Vinyl Chalcogenides via Horner-Wittig Reaction. <i>Synthesis</i> , 2009 , 2009, 469-473	2.9	11
159	Enhancement of iron-catalyzed lipid peroxidation by acidosis in brain homogenate: comparative effect of diphenyl diselenide and ebselen. <i>Brain Research</i> , 2009 , 1258, 71-7	3.7	20
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22	NICKEL (II) CATALYZED SUBSTITUTION OF HALOGENS IN 1-HALO-1-CHALCOGENE ALKENES BY CHALCOGENATE ANIONS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1997 , 126, 211-222	1	8
21	Addition of hydrogen halides to acetylenic selenides. Synthesis of 1-halo-1-selenoalkenes. <i>Tetrahedron</i> , 1996 , 52, 9687-9702	2.4	87
20	Lewis acid-catalyzed coupling reactions of allylsilanes with tris(phenylchalcogeno)methane. Synthesis of homoallylchalcogenoacetals. <i>Tetrahedron Letters</i> , 1996 , 37, 6085-6088	2	7
19	Reaction of α -chloro- β -phenylselenoesters with silyl enol ethers. Synthesis of β -phenylseleno- α -keto esters and β -butyrolactones. <i>Tetrahedron Letters</i> , 1996 , 37, 9173-9176	2	10
18	Synthesis of ketene phenyltelluroacetals by a Wittig-Horner route. <i>Tetrahedron Letters</i> , 1995 , 36, 7361-7362		19
17	A Convenient Synthesis of Arylselenoacetals and α -Halo- β -(phenylseleno)alkanes. <i>Synthetic Communications</i> , 1995 , 25, 117-126	1.7	5
16	Reaction of Ethyl α -Chloro- β -phenylselenoacetate with Alkenes: Synthesis of β -Phenylseleno- β -Butyrolactones. <i>Synthesis</i> , 1995 , 1995, 1305-1310	2.9	14
15	Preparation of Vinyl Tellurides via a Simplified Ylidalation Reaction. <i>Synlett</i> , 1995 , 1995, 58-60	2.2	16
14	Catalyst-Dependent Selective Synthesis of O/S- and S/S-Acetals from Enol Ethers. <i>Synthetic Communications</i> , 1995 , 25, 3155-3162	1.7	7
13	Arylseleno and 1-Chloro-1-arylseleno Cyclopropanes from P.T.C. and Ultrasound Conditions. <i>Synthetic Communications</i> , 1994 , 24, 2075-2080	1.7	8
12	Vicinal Difunctionalization of Alkynyl Selenides with Lithium Butylcyano Cuprate and Electrophiles. <i>Synthetic Communications</i> , 1994 , 24, 1165-1170	1.7	46
11	Alkynyl sulfides and selenides from alkynyl bromides and diorganoyl chalcogenides promoted by copper(I) iodide. <i>Tetrahedron Letters</i> , 1993 , 34, 393-394	2	50
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9	Sensitivities of <i>Aeromonas hydrophila</i> cultured from medicinal leeches to oral antibiotics. <i>Journal of Reconstructive Microsurgery</i> , 1990 , 6, 135-7	2.5	19
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7	Acetylenic Selenides and Tellurides from 1-Bromo, 2-Phenyl Ethyne. <i>Synthetic Communications</i> , 1988 , 18, 1979-1983	1.7	25
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5	The structure of triphenyl[β -(phenylseleno)phenacylidene]phosphorane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1986 , 42, 90-94		3

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