Antonio Braga

List of Publications by Citations

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	Vinylic tellurides: from preparation to their applicability in organic synthesis. *Chemical Reviews*, **2006**, 106, 1032-76	68.1	214
290	Antioxidant properties of new chalcogenides against lipid peroxidation in rat brain. *Neurochemical Research*, **2002**, 27, 297-303	4.6	156
289	Effect of organic forms of selenium on delta-aminolevulinate dehydratase from liver, kidney, and brain of adult rats. *Toxicology and Applied Pharmacology*, **1998**, 149, 243-53	4.6	155
288	The green side of the moon: ecofriendly aspects of organoselenium chemistry *RSC Advances*, **2014**, 4, 31521-31535	3.7	145
287	A solvent- and metal-free synthesis of 3-chacogenyl-indoles employing DMSO/I2 as an eco-friendly catalytic oxidation system. *Journal of Organic Chemistry*, **2014**, 79, 4125-30	4.2	134
286	Palladium-catalyzed coupling of sp(2)-hybridized tellurides. *Accounts of Chemical Research*, **2003**, 36, 731-8	24.3	132
285	GPx-Like activity of selenides and selenoxides: experimental evidence for the involvement of hydroxy perhydroxy selenane as the active species. *Journal of the American Chemical Society*, **2012**, 134, 138-41	16.4	130
284	Regioselective, Solvent- and Metal-Free Chalcogenation of Imidazo[1,2-a]pyridines by Employing I2 /DMSO as the Catalytic Oxidation System. *Chemistry - A European Journal*, **2016**, 22, 11854-62	4.8	127
283	An efficient one-pot synthesis of symmetrical diselenides or ditellurides from halides with CuO nanopowder/Se0 or Te0/base. *Organic Letters*, **2010**, 12, 3288-91	6.2	127
282	Diphenyl diselenide and diphenyl ditelluride differentially affect delta-aminolevulinate dehydratase from liver, kidney, and brain of mice. *Journal of Biochemical and Molecular Toxicology*, **2000**, 14, 310-9	3.4	125
281	Synthesis of new chiral aliphatic amino diselenides and their application as catalysts for the enantioselective addition of diethylzinc to aldehydes. *Organic Letters*, **2003**, 5, 2635-8	6.2	116
280	Catalytic application of selenium and tellurium compounds as glutathione peroxidase enzyme mimetics. *Journal of the Brazilian Chemical Society*, **2010**, 21, 2032-2041	1.5	115
279	Stereoselective synthesis of enynes by nickel-catalyzed cross-coupling of divinylic chalcogenides with alkynes. *Journal of Organic Chemistry*, **2003**, 68, 662-5	4.2	104
278	Catalytic Applications of Chiral Organoselenium Compounds in Asymmetric Synthesis. *Synlett*, **2006** , 2006, 1453-1466	2.2	103
277	Synthesis of polyacetylenic acids isolated from Heisteria acuminata. *Organic Letters*, **2001**, 3, 819-21	6.2	103
276	Catalytic chalcogenylation under greener conditions: a solvent-free sulfur- and seleno-functionalization of olefins via I2/DMSO oxidant system. *Journal of Organic Chemistry*, **2015**, 80, 2120-7	4.2	96
275	Addition of hydrogen halides to acetylenic selenides. Synthesis of 1-halo-1-selenoalkenes. *Tetrahedron*, **1996**, 52, 9687-9702	2.4	87

274	Direct, Metal-free C(sp)-H Chalcogenation of Indoles and Imidazopyridines with Dichalcogenides Catalysed by KIO. *Chemistry - A European Journal*, **2018**, 24, 4173-4180	4.8	87
273	CuO nanoparticles: an efficient and recyclable catalyst for cross-coupling reactions of organic diselenides with aryl boronic acids. *Tetrahedron Letters*, **2009**, 50, 6635-6638	2	85
272	Chiral organoselenium-transition-metal catalysts in asymmetric transformations. *Dalton Transactions*, **2011**, 40, 11347-55	4.3	83
271	Facilitation of long-term object recognition memory by pretraining administration of diphenyl diselenide in mice. *Neuroscience Letters*, **2003**, 341, 217-20	3.3	82
270	Rose Bengal catalysed photo-induced selenylation of indoles, imidazoles and arenes: a metal free approach. *Organic and Biomolecular Chemistry*, **2018**, 16, 880-885	3.9	79
269	Renal and hepatic ALA-D activity and selected oxidative stress parameters of rats exposed to inorganic mercury and organoselenium compounds. *Food and Chemical Toxicology*, **2004**, 42, 17-28	4.7	78
268	New organochalcogen multitarget drug: synthesis and antioxidant and antitumoral activities of chalcogenozidovudine derivatives. *Journal of Medicinal Chemistry*, **2015**, 58, 3329-39	8.3	77
267	Enantioselective Synthesis Mediated by Catalytic Chiral Organoselenium Compounds. *Current Organic Chemistry*, **2006**, 10, 1921-1938	1.7	77
266	Efficient synthesis of chiral beta-seleno amides via ring-opening reaction of 2-oxazolines and their application in the palladium-catalyzed asymmetric allylic alkylation. *Journal of Organic Chemistry*, **2005**, 70, 9021-4	4.2	77
265	Chiral seleno-amines from indium selenolates. A straightforward synthesis of selenocysteine derivatives. *Journal of Organic Chemistry*, **2006**, 71, 4305-7	4.2	74
264	Catalytic enantioselective arylation of aldehydes: boronic acids as a suitable source of transferable aryl groups. *Chemical Communications*, **2005**, 2512-4	5.8	69
263	Chiral diselenide ligands for the asymmetric copper-catalyzed conjugate addition of Grignard reagents to enones. *Tetrahedron Letters*, **2002**, 43, 7329-7331	2	68
262	Imidazolium ionic liquids containing selenium: synthesis and antimicrobial activity. *Organic and Biomolecular Chemistry*, **2011**, 9, 1001-3	3.9	67
261	Acceleration of arylzinc formation and its enantioselective addition to aldehydes by microwave irradiation and aziridine-2-methanol catalysts. *Journal of Organic Chemistry*, **2008**, 73, 2879-82	4.2	65
260	Eco-friendly cross-coupling of diaryl diselenides with aryl and alkyl bromides catalyzed by CuO nanopowder in ionic liquid. *Green Chemistry*, **2009**, 11, 1521	10	64
259	Hydroselenation of alkynes by lithium butylselenolate: an approach in the synthesis of vinylic selenides. *Organic Letters*, **2004**, 6, 1135-8	6.2	62
258	DMSO/iodine-catalyzed oxidative C–Se/C–S bond formation: a regioselective synthesis of unsymmetrical chalcogenides with nitrogen- or oxygen-containing arenes. *Catalysis Science and Technology*, **2016**, 6, 3087-3098	5.5	61
257	Reaction of diphenyl diselenide with hydrogen peroxide and inhibition of delta-aminolevulinate dehydratase from rat liver and cucumber leaves. *Brazilian Journal of Medical and Biological Research* , **2002**, 35, 623-31	2.8	58

256	Facile and practical enantioselective synthesis of propargylic alcohols by direct addition of alkynes to aldehydes catalyzed by chiral disulfide–oxazolidine ligands. *Tetrahedron*, **2002**, 58, 10413-10416	2.4	58
255	Synthesis and biological evaluation of new nitrogen-containing diselenides. *European Journal of Medicinal Chemistry*, **2014**, 87, 131-9	6.8	57
254	Effects of age on reserpine-induced orofacial dyskinesia and possible protection of diphenyl diselenide. *Brain Research Bulletin*, **2004**, 64, 339-45	3.9	57
253	Synthesis of Unsymmetrical Diorganyl Chalcogenides under Greener Conditions: Use of an Iodine/DMSO System, Solvent- and Metal-Free Approach. *Advanced Synthesis and Catalysis*, **2015**, 357, 1446-1452	5.6	56
252	Pharmacology and toxicology of diphenyl diselenide in several biological models. *Brazilian Journal of Medical and Biological Research*, **2007**, 40, 1287-304	2.8	56
251	Efficient Synthesis of Modular Amino Acid Derivatives Containing Selenium with Pronounced GPx-Like Activity. *European Journal of Organic Chemistry*, **2009**, 2009, 4211-4214	3.2	55
250	Modular chiral selenium-containing oxazolines: synthesis and application in the palladium-catalyzed asymmetric allylic alkylation. *Tetrahedron*, **2005**, 61, 11664-11671	2.4	51
249	Hybrid compounds with two redox centres: modular synthesis of chalcogen-containing lapachones and studies on their antitumor activity. *European Journal of Medicinal Chemistry*, **2015**, 101, 254-65	6.8	50
248	Synthesis and anti-inflammatory activity of acetylenic thiophenes. *Tetrahedron Letters*, **2001**, 42, 7921-7923	2	50
247	Alkynyl sulfides and selenides from alkynyl bromides and diorganoyl chalcogenides promoted by copper(I) iodide. *Tetrahedron Letters*, **1993**, 34, 393-394	2	50
246	Convenient preparation of alkynyl selenides, sulfides and tellurides from terminal alkynes and prenylchalcogenyl halides in the presence of copper(I) iodide. *Tetrahedron Letters*, **1993**, 34, 8041-8042	2	50
245	Synthesis and structural characterisation of the aggregates of benzo-1,2-chalcogenazole 2-oxides. *Dalton Transactions*, **2017**, 46, 6570-6579	4.3	49
244	Synthesis and evaluation of dihydropyrimidinone-derived selenoesters as multi-targeted directed compounds against Alzheimer's disease. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 5762-5770	3.4	49
243	Synthesis and antitumor activity of selenium-containing quinone-based triazoles possessing two redox centres, and their´mechanistic insights. *European Journal of Medicinal Chemistry*, **2016**, 122, 1-16	6.8	49
242	New acetylenic furan derivatives: synthesis and anti-inflammatory activity. *Tetrahedron Letters*, **2001**, 42, 8927-8930	2	49
241	C–S cross-coupling of thiols with aryl iodides under ligand-free conditions using nano copper oxide as a recyclable catalyst in ionic liquid. *Catalysis Science and Technology*, **2011**, 1, 569	5.5	48
240	Catalytic enantioselective arylations: boron to zinc exchange as a powerful tool for the generation of transferable aryl groups. *Journal of the Brazilian Chemical Society*, **2008**, 19, 813-830	1.5	48
239	Solvent- and Metal-Free Chalcogenation of Bicyclic Arenes Using I2/DMSO as Non-Metallic Catalytic System. *European Journal of Organic Chemistry*, **2017**, 2017, 4740-4748	3.2	47

238	Efficient synthesis of selenoesters from acyl chlorides mediated by CuO nanopowder in ionic liquid. *Green Chemistry*, **2010**, 12, 957	10	47
237	Synthesis of telluroamino acid derivatives with remarkable GPx like activity. *Organic and Biomolecular Chemistry*, **2009**, 7, 43-5	3.9	47
236	Selenoxides inhibit delta-aminolevulinic acid dehydratase. *Toxicology Letters*, **2001**, 119, 27-37	4.4	47
235	Straightforward Synthesis of Non-Natural Selenium Containing Amino Acid Derivatives and Peptides. *European Journal of Organic Chemistry*, **2005**, 2005, 4260-4264	3.2	46
234	Vicinal Difunctionalization of Alkynyl Selenides with Lithium Butylcyano Cuprate and Electrophiles. *Synthetic Communications*, **1994**, 24, 1165-1170	1.7	46
233	Efficient synthesis of selenol esters from acid chlorides mediated by indium metal. *Tetrahedron*, **2009**, 65, 4614-4618	2.4	45
232	Zn in ionic liquid: an efficient reaction media for the synthesis of diorganyl chalcogenides and chalcogenoesters. *Tetrahedron*, **2011**, 67, 4723-4730	2.4	45
231	Copper salt-catalyzed homo-coupling reaction of potassium alkynyltrifluoroborates: a simple and efficient synthesis of symmetrical 1,3-diynes. *Tetrahedron Letters*, **2008**, 49, 2366-2370	2	44
230	Stereoselective addition of sodium organyl chalcogenolates to alkynylphosphonates: synthesis of diethyl 2-(organyl)-2-(organochalcogenyl)vinylphosphonates. *Tetrahedron Letters*, **2000**, 41, 161-163	2	44
229	Synthesis of selenol esters from diorganyl diselenides and acyl chlorides under solvent-free conditions and microwave irradiation. *Green Chemistry*, **2012**, 14, 456	10	43
228	Creatine protects against the convulsive behavior and lactate production elicited by the intrastriatal injection of methylmalonate. *Neuroscience*, **2003**, 118, 1079-90	3.9	43
227	Diphenyl diselenide derivatives inhibit microbial biofilm formation involved in wound infection. *BMC Microbiology*, **2016**, 16, 220	4.5	42
226	Imidazolium-containing diselenides for catalytic oxidations with hydrogen peroxide and sodium bromide in aqueous solutions. *Tetrahedron*, **2012**, 68, 10476-10481	2.4	42
225	Synthesis of Thiol, Selenol, and Tellurol Esters by the Reaction of Organochalcogeno Mercurials with Acid Chlorides. *Organometallics*, **1999**, 18, 5183-5186	3.8	42
224	Ring opening of unprotected aziridines by zinc selenolates in a biphasic system. *Tetrahedron Letters* , **2009**, 50, 2309-2311	2	40
223	Organocatalytic asymmetric aldol reactions mediated by a cysteine-derived prolinamide. *Tetrahedron Letters*, **2008**, 49, 5094-5097	2	40
222	Stereoselective synthesis of Boc-protected l-seleno- and tellurolanthionine, l-seleno- and tellurocystine and derivatives. *Tetrahedron Letters*, **2006**, 47, 1019-1021	2	40
221	Stereoselective sp2–sp2 bond formation via Negishi cross-coupling of vinylic tellurides and 2-heteroarylzinc chlorides. *Tetrahedron Letters*, **2004**, 45, 4823-4826	2	40

220	Microwave-assisted one-pot synthesis of symmetrical diselenides, ditellurides and disulfides from organoyl iodides and elemental chalcogen catalyzed by CuO nanoparticles. *Journal of Molecular Catalysis A*, **2012**, 365, 186-193		39
219	Metal-Free Air Oxidation of Thiols in Recyclable Ionic Liquid: A Simple and Efficient Method for the Synthesis of Disulfides. *European Journal of Organic Chemistry*, **2010**, 2010, 2661-2665	3.2	39
218	Comparative studies on dicholesteroyl diselenide and diphenyl diselenide as antioxidant agents and their effect on the activities of Na+/K+ ATPase and delta-aminolevulinic acid dehydratase in the rat brain. *Neurochemical Research*, **2008**, 33, 167-78	4.6	39
217	A new functionalized, chiral disulfide derived from l-cysteine: (R,R)-bis[(3-benzyloxazolan-4-yl)-methane] disulfide as a catalyst in the diethylzinc addition to aldehydes. *Tetrahedron: Asymmetry*, **1999**, 10, 1733-1738		39
216	NH4I-catalyzed chalcogen(S/Se)-functionalization of 5-membered N-heteroaryls under metal-free conditions. *Tetrahedron*, **2018**, 74, 3971-3980	2.4	38
215	Metal- and Solvent-Free Approach to Access 3-Se/S-Chromones from the Cyclization of Enaminones in the Presence of Dichalcogenides Catalyzed by KIO. *ACS Omega*, **2017**, 2, 2280-2290	3.9	37
214	On the investigation of hybrid quinones: synthesis, electrochemical studies and evaluation of trypanocidal activity. *RSC Advances*, **2015**, 5, 78047-78060	3.7	37
213	KIO3-Catalyzed C(sp2)-H Bond Selenylation/Sulfenylation of (Hetero)arenes: Synthesis of Chalcogenated (Hetero)arenes and their Evaluation for Anti-Alzheimer Activity. *Asian Journal of Organic Chemistry*, **2018**, 7, 1819-1824	3	37
212	Copper(I)-Catalyzed Efficient and Stereoselective Synthesis of (E)-Vinyl Selenides and Tellurides by the Reaction of Potassium Vinyltrifluoroborates with Diphenyl Dichalcogenides. *Organometallics*, **2008**, 27, 4009-4012	3.8	37
211	An organic selenium compound attenuates apomorphine-induced stereotypy in mice. *Neuroscience Letters*, **2006**, 410, 198-202	3.3	37
210	Copper-Catalyzed Synthesis of Unsymmetrical Diorganyl Chalcogenides (Te/Se/S) from Boronic Acids under Solvent-Free Conditions. *Molecules*, **2017**, 22,	4.8	36
209	Ionic liquid: an efficient and recyclable medium for synthesis of unsymmetrical diorganyl selenides promoted by InI. *Organic and Biomolecular Chemistry*, **2009**, 7, 4647-50	3.9	36
208	Sonogashira cross-coupling reaction of organotellurium dichlorides with terminal alkynes. *Tetrahedron Letters*, **2003**, 44, 1779-1781	2	36
207	An Intramolecular Wittig Reaction Leading to Protected Terminal Acetylenes. *Synthesis*, **1984**, 1984, 240-243	2.9	36
206	Synthesis of Functionalized Organoselenium Materials: Selenides and Diselenides Containing Cholesterol. *European Journal of Organic Chemistry*, **2015**, 2015, 3470-3476	3.2	35
205	Synthesis of 3-Selenylindoles under Eco‐Friendly Conditions. *European Journal of Organic Chemistry*, **2015**, 2015, 5070-5074	3.2	35
204	Stereoconservative Formation and Reactivity of β-Chalcogen-Functionalized Vinyllithium Compounds from β-Bromo-vinylic Chalcogenides. *Synlett*, **1997**, 1997, 595-596	2.2	35
203	Pro-oxidant action of diphenyl diselenide in the yeast Saccharomyces cerevisiae exposed to ROS-generating conditions. *Life Sciences*, **2005**, 77, 2398-411	6.8	35

202	Synthesis of chalcogenol esters from chalcogenoacetylenes. *Tetrahedron*, **2001**, 57, 3297-3300	2.4	35
201	Synthesis of ketene (S, Te)acetals and their transformation into Z-□-phenylthio-□,□unsaturated aldehydes. *Tetrahedron*, **1999**, 55, 7421-7432	2.4	35
200	Selenides and diselenides containing oxadiazoles: a new class of functionalised materials. *Liquid Crystals*, **2012**, 39, 769-777	2.3	34
199	Efficient synthesis of diorganyl selenides via cleavage of Se□e bond of diselenides by indium(III) catalyst and zinc. *Tetrahedron Letters*, **2006**, 47, 7195-7198	2	34
198	Synthesis of □rganotelluro vinylphosphine oxides by hydrotelluration of 1-alkynylphosphine oxides and their palladium-catalyzed cross-coupling with alkynes. *Tetrahedron Letters*, **2002**, 43, 4399-4402	2	34
197	Catalytic enantioselective aryl transfer: asymmetric addition of boronic acids to aldehydes using pyrrolidinylmethanols as ligands. *Tetrahedron Letters*, **2005**, 46, 7827-7830	2	34
196	Oxalate modulates thiobarbituric acid reactive species (TBARS) production in supernatants of homogenates from rat brain, liver and kidney: effect of diphenyl diselenide and diphenyl ditelluride. *Chemico-Biological Interactions*, **2007**, 165, 87-98	5	33
195	Solvent- and metal-free selective oxidation of thiols to disulfides using I2/DMSO catalytic system. *Tetrahedron Letters*, **2017**, 58, 4713-4716	2	32
194	Synthesis of diorganyl selenides mediated by zinc in ionic liquid. *Journal of Organic Chemistry*, **2010**, 75, 3886-9	4.2	32
193	Chiral Chalcogen Peptides as Ligands for the Catalytic Enantioselective Aryl Transfer Reaction to Aldehydes. *European Journal of Organic Chemistry*, **2010**, 2010, 3574-3578	3.2	32
192	Diethyl 2-phenyl-2 tellurophenyl vinylphosphonate: an organotellurium compound with low toxicity. *Toxicology*, **2006**, 224, 100-7	4.4	32
191	Novel selenylated imidazo[1,2-a]pyridines for breast cancer chemotherapy: Inhibition of cell proliferation by Akt-mediated regulation, DNA cleavage and apoptosis. *Biochemical and Biophysical Research Communications*, **2018**, 503, 1291-1297	3.4	31
190	Synthesis and biological evaluation of 2-picolylamide-based diselenides with non-bonded interactions. *Molecules*, **2015**, 20, 10095-109	4.8	31
189	A convenient synthetic route for alkynylselenides from alkynyl bromides and diaryl diselenides employing copper(I)/imidazole as novel catalyst system. *Tetrahedron Letters*, **2008**, 49, 5172-5174	2	31
188	Synthetic approaches to 2-tetralones. *Tetrahedron*, **2004**, 60, 8295-8328	2.4	31
187	Stereospecific Formation of Chalcogenoenynes via Palladium Catalysed Cross-Coupling Reaction of □-Bromovinylic Chalcogenides. *Synthesis*, **1998**, 1998, 39-41	2.9	31
186	K2CO3-mediated, direct C□H bond selenation and thiolation of 1,3,4-oxadiazoles in the absence of metal catalyst: an eco-friendly approach. *RSC Advances*, **2014**, 4, 51648-51652	3.7	30
185	The facile synthesis of chiral oxazoline catalysts for the diethylzinc addition to aldehydes. *Tetrahedron: Asymmetry*, **2003**, 14, 3291-3295		30

184	Seleno-Imine: A New Class of Versatile, Modular N,Se Ligands for Asymmetric Palladium-Catalyzed Allylic Alkylation. *Synlett*, **2005**, 2005, 1675-1678	2.2	30
183	New C2-symmetric chiral disulfide ligands derived from (R)-cysteine. *Tetrahedron*, **2001**, 57, 3291-3295	2.4	30
182	Fe3O4 Nanoparticles: A Robust and Magnetically Recoverable Catalyst for Direct C-H Bond Selenylation and Sulfenylation of Benzothiazoles. *ChemistrySelect*, **2018**, 3, 328-334	1.8	29
181	Synthesis of Selenium-Quinone Hybrid Compounds with Potential Antitumor Activity via Rh-Catalyzed C-H Bond Activation and Click Reactions. *Molecules*, **2017**, 23,	4.8	29
180	Synthesis of selenium- and tellurium-containing nucleosides derived from uridine. *Tetrahedron Letters*, **2009**, 50, 3005-3007	2	29
179	A simple and general preparation of vinylic sulfides, selenides and tellurides. *Journal of Organometallic Chemistry*, **2008**, 693, 3787-3790	2.3	29
178	Trihaloisocyanuric acids in ethanol: an eco-friendly system for the regioselective halogenation of imidazo-heteroarenes. *Green Chemistry*, **2020**, 22, 3410-3415	10	29
177	First Generation Cysteine- and Methionine-Derived Oxazolidine and Thiazolidine Ligands for Palladium-Catalyzed Asymmetric Allylations. *European Journal of Organic Chemistry*, **2004**, 2004, 2715-2722	3.2	28
176	Electrochemical synthesis of selenyl-dihydrofurans via anodic selenofunctionalization of allyl-naphthol/phenol derivatives and their anti-Alzheimer activity. *Organic and Biomolecular Chemistry*, **2020**, 18, 4916-4921	3.9	28
175	Borophosphate glasses: Synthesis, characterization and application as catalyst for bis(indolyl)methanes synthesis under greener conditions. *Journal of Non-Crystalline Solids*, **2018**, 498, 153-159	3.9	28
174	Modular chiral thiazolidine catalysts in asymmetric aryl transfer reactions. *Tetrahedron: Asymmetry*, **2006**, 17, 2793-2797		27
173	Microwave-accelerated asymmetric allylations using cysteine derived oxazolidine and thiazolidine palladium complexes. *Journal of Molecular Catalysis A*, **2005**, 239, 235-238		27
172	Modular chiral selenium-, sulfur-, and tellurium amides: synthesis and application in the palladium-catalyzed asymmetric allylic alkylation. *Tetrahedron*, **2008**, 64, 392-398	2.4	26
171	Electrochemical Oxidative C(sp2)H Bond Selenylation of Activated Arenes. *European Journal of Organic Chemistry*, **2019**, 2019, 6465-6469	3.2	25
170	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, 6595-9	3.9	25
169	Bimetallic system for the synthesis of diorganyl selenides and sulfides, chiral seleno amines, and seleno- and thioesters. *Tetrahedron Letters*, **2011**, 52, 3592-3596	2	25
168	New class of amino-phosphinite chiral catalysts for the highly enantioselective addition of arylzinc reagents to aldehydes. *Tetrahedron*, **2010**, 66, 1341-1345	2.4	25
167	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	2.9	25

166	Synthesis of Cross-Conjugated Geminal Enediynes via Palladium Catalyzed Cross-Coupling Reaction of Ketene Butyltelluroacetals. *Synlett*, **2002**, 2002, 0975-0977	2.2	25
165	Acetylenic Selenides and Tellurides from 1-Bromo, 2-Phenyl Ethyne. *Synthetic Communications*, **1988**, 18, 1979-1983	1.7	25
164	Recent Advances in Electrochemical Chalcogen (S/Se)-Functionalization of Organic Molecules. *ChemElectroChem*, **2019**, 6, 5928-5940	4.3	24
163	Design, synthesis and evaluation of seleno-dihydropyrimidinones as potential multi-targeted therapeutics for Alzheimer's disease. *Organic and Biomolecular Chemistry*, **2014**, 12, 3470-7	3.9	24
162	3'3-ditrifluoromethyldiphenyl diselenide: a new organoselenium compound with interesting antigenotoxic and antimutagenic activities. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2009**, 673, 133-40	3	24
161	Ionic liquid: an efficient and reusable media for seleno- and thioester synthesis promoted by indium. *Tetrahedron Letters*, **2010**, 51, 5728-5731	2	24
160	Addition of tellurium tetrabromides and alkyl and aryl tellurium tribromides to terminal acetylenes. *Journal of Organometallic Chemistry*, **1998**, 562, 127-131	2.3	24
159	Stereoselective synthesis of □-phenylchalcogeno-□,□unsaturated esters. *Tetrahedron Letters*, **2002**, 43, 3395-3397	2	24
158	Preparation and nickel-catalyzed coupling reactions of divinylic selenides. *Tetrahedron Letters*, **2002** , 43, 7517-7520	2	24
157	Stereoselective Synthesis of (Z)-Enynes via Pd(II)/CuI(I)-Catalyzed Cross-Coupling Reaction of bis-Vinylic Tellurides with 1-Alkynes. *Synlett*, **2001**, 2001, 1473-1475	2.2	24
156	Recent Advances in the Synthesis of Biologically Relevant Selenium-containing 5-Membered Heterocycles. *Current Organic Chemistry*, **2015**, 20, 166-188	1.7	24
155	Photoinduced, Direct C(sp)-H Bond Azo Coupling of Imidazoheteroarenes and Imidazoanilines with Aryl Diazonium Salts Catalyzed by Eosin Y. *Chemistry - A European Journal*, **2020**, 26, 4461-4466	4.8	24
154	Antioxidant activity of □selenoamines and their capacity to mimic different enzymes. *Molecular and Cellular Biochemistry*, **2012**, 365, 85-92	4.2	23
153	Studies on the antioxidant effect and interaction of diphenyl diselenide and dicholesteroyl diselenide with hepatic delta-aminolevulinic acid dehydratase and isoforms of lactate dehydrogenase. *Toxicology in Vitro*, **2009**, 23, 14-20	3.6	23
152	Synthesis of azido arylselenides and azido aryldiselenides: a new class of selenium□itrogen compounds. *Tetrahedron Letters*, **2010**, 51, 3364-3367	2	23
151	Synthesis and application of chiral beta-amino disulfides as ligands for the enantioselective addition of diethylzinc to aldehydes. *Chirality*, **2008**, 20, 839-45	2.1	23
150	□ne-Pot□Synthesis of Chiral N-Protected □-Amino Acid-Derived 1,2,4-Oxadiazoles. *Synthesis*, **2004**, 2004, 1589-1594	2.9	23
149	New Aziridine Sulfide Ligands for Palladium-Catalyzed Asymmetric Allylic Alkylation. *Synlett*, **2004**, 2004, 1297-1299	2.2	23

148	A new approach to (±)-heritonin. The preparation of tetralones from allylsilanes and acid chlorides. *Tetrahedron Letters*, **2004**, 45, 4077-4080	2	23
147	Stereoselective preparation of conjugated E-enynes from E-vinylic tellurides and terminal alkynes via Sonogashira cross-coupling. *Organic and Biomolecular Chemistry*, **2004**, 2, 803-5	3.9	23
146	Stereospecific formation of enynephosphonates via palladium-catalyzed cross-coupling reaction of organotelluro vinylphosphonates with alkynes. *Tetrahedron Letters*, **2001**, 42, 8563-8565	2	23
145	Novel pyrimidinic selenourea induces DNA damage, cell cycle arrest, and apoptosis in human breast carcinoma. *European Journal of Medicinal Chemistry*, **2018**, 155, 503-515	6.8	22
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