Paulo H Schneider

List of Publications by Year
in descending order

88	1,939	186265	302126
papers	citations	28 h-index	39 g-index

112	112	112	2002
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel selenoesters fluorescent liquid crystalline exhibiting a rich phase polymorphism. Journal of Materials Chemistry, 2010, 20, 715-722.	6.7	96
2	Chiral Seleno-Amines from Indium Selenolates. A Straightforward Synthesis of Selenocysteine Derivatives. Journal of Organic Chemistry, 2006, 71, 4305-4307.	3.2	78
3	Regiospecific Synthesis of 4-Alkoxy and 4-Amino Substituted 2-Trifluoromethyl Pyrroles. Journal of Organic Chemistry, 2006, 71, 6996-6998.	3.2	71
4	Recoverable Cu/SiO₂ composite-catalysed click synthesis of 1,2,3-triazoles in water media. New Journal of Chemistry, 2014, 38, 1410-1417.	2.8	71
5	Acceleration of Arylzinc Formation and Its Enantioselective Addition to Aldehydes by Microwave Irradiation and Aziridine-2-methanol Catalysts. Journal of Organic Chemistry, 2008, 73, 2879-2882.	3.2	70
6	Facile and practical enantioselective synthesis of propargylic alcohols by direct addition of alkynes to aldehydes catalyzed by chiral disulfideâ€“oxazolidine ligands. Tetrahedron, 2002, 58, 10413-10416.	1.9	64
7	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.	1.8	48
8	Direct synthesis of 2-aryl-1,3-benzoselenazoles by reaction of bis(2-aminophenyl) diselenides with aryl aldehydes using sodium metabisulfite. Tetrahedron, 2013, 69, 1316-1321.	1.9	48
9	Palladium-Catalyzed Direct Arylation of Selenophene. Journal of Organic Chemistry, 2014, 79, 5987-5992.	3.2	48
10	Creatine protects against the convulsive behavior and lactate production elicited by the intrastriatal injection of methylmalonate. Neuroscience, 2003, 118, 1079-1090.	2.3	47
11	Thiazolidine-based organocatalysts for a highly enantioselective direct aldol reaction. Tetrahedron: Asymmetry, 2010, 21, 2254-2257.	1.8	45
12	Interaction between phospholipids bilayer and chitosan in liposomes investigated by 31P NMR spectroscopy. Colloids and Surfaces B: Biointerfaces, 2010, 75, 294-299.	5.0	44
13	Chalcogenoacetylenes Obtained by Indium(III) Catalysis: Dual Catalytic Activation of Diorgano Dichalcogenides and C_{sp}â€“H Bonds. European Journal of Organic Chemistry, 2011, 2011, 7066-7070.	2.4	43
14	Antinociceptive and anti-hypernociceptive effects of Se-phenyl thiazolidine-4-carboselenoate in mice. European Journal of Pharmacology, 2011, 668, 169-176.	3.5	41
15	Selenides and diselenides containing oxadiazoles: a new class of functionalised materials. Liquid Crystals, 2012, 39, 769-777.	2.2	40
16	Efficient synthesis of diorganyl selenides via cleavage of Seâ€“Se bond of diselenides by indium(III) catalyst and zinc. Tetrahedron Letters, 2006, 47, 7195-7198.	1.4	39
17	Bis-arylsulfenyl- and bis-arylselanyl-benzo-2,1,3-thiadiazoles: synthesis and photophysical characterization. RSC Advances, 2016, 6, 49613-49624.	3.6	39
18	Catalytic enantioselective aryl transfer: asymmetric addition of boronic acids to aldehydes using pyrrolidinylmethanols as ligands. Tetrahedron Letters, 2005, 46, 7827-7830.	1.4	38

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19	Anxiolytic effects of diphenyl diselenide on adult zebrafish in a novelty paradigm. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 54, 187-194.	4.8	37
20	Expeditious preparation of isoxazoles from Î”2-isoxazolines as advanced intermediates for functional materials. Tetrahedron Letters, 2011, 52, 6569-6572.	1.4	36
21	3,5â€Disubstituted Isoxazolines as Potential Molecular Kits for Liquidâ€Crystalline Materials. European Journal of Organic Chemistry, 2009, 2009, 889-897.	2.4	35
22	New C 2 -symmetric chiral disulfide ligands derived from (R)-cysteine. Tetrahedron, 2001, 57, 3291-3295.	1.9	34
23	Transition metal catalysed direct selanylation of arenes and heteroarenes. Dalton Transactions, 2019, 48, 9851-9905.	3.3	33
24	Lightâ€Mediated Selenoâ€Functionalization of Organic Molecules: Recent Advances. Chemical Record, 2021, 21, 2739-2761.	5.8	33
25	An evaluation of the chalcogen atom effect on the mesomorphic and electronic properties in a new homologous series of chalcogeno esters. Journal of the Brazilian Chemical Society, 2010, 21, 2100-2107.	0.6	32
26	First Generation Cysteine- and Methionine-Derived Oxazolidine and Thiazolidine Ligands for Palladium-Catalyzed Asymmetric Allylations. European Journal of Organic Chemistry, 2004, 2004, 2715-2722.	2.4	31
27	Synthesis of 2â€Substituted 1,3â€Benzoselenazoles from Carboxylic Acids Promoted by Tributylphosphine. European Journal of Organic Chemistry, 2014, 2014, 6945-6952.	2.4	31
28	Microwave-accelerated asymmetric allylations using cysteine derived oxazolidine and thiazolidine palladium complexes. Journal of Molecular Catalysis A, 2005, 239, 235-238.	4.8	30
29	CaracterizaÃ§Ã£o da pureza de fosfatidilcolina da soja atravÃ©s de RMN de Â¹H e de 31P. Quimica Nova, 2008, 31, 1856-1859.	0.3	29
30	Antioxidant properties of (R)-Se-aryl thiazolidine-4-carboselenoate. Chemico-Biological Interactions, 2013, 205, 100-107.	4.0	28
31	New thioureas based on thiazolidines with antioxidant potential. Tetrahedron Letters, 2015, 56, 6674-6680.	1.4	27
32	New class of amino-phosphinite chiral catalysts for the highly enantioselective addition of arylzinc reagents to aldehydes. Tetrahedron, 2010, 66, 1341-1345.	1.9	26
33	Divinyl sulfides/sulfones-based Dâ€“Ï€â€“Aâ€“Ï€â€“D dyes as efficient non-aromatic bridges for Ï€-conjugated compounds. Dyes and Pigments, 2014, 102, 71-78.	3.7	26
34	A chiral disulfide derived from (R)-cysteine in the enantioselective addition of diethylzinc to aldehydes: loading effect and asymmetric amplification. Journal of Molecular Catalysis A, 2005, 229, 47-50.	4.8	22
35	Disubstituted 3,5â€isoxazolines. An easy route to polymer liquid crystal materials. Liquid Crystals, 2008, 35, 833-840.	2.2	22
36	LC Stability Studies of Voriconazole and Structural Elucidation of Its Major Degradation Product. Chromatographia, 2009, 69, 115-122.	1.3	21

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37	Covalently immobilized indium(III) composite (In/SiO2) as highly efficient reusable catalyst for A3-coupling of aldehydes, alkynes and amines under solvent-free conditions. Journal of Molecular Catalysis A, 2015, 399, 71-78.	4.8	21
38	Silver-catalyzed direct selenylation of terminal alkynes through C H bond functionalization. Molecular Catalysis, 2017, 427, 73-79.	2.0	20
39	Straightforward synthesis of photoactive chalcogen functionalized benzimidazo[1,2-a]quinolines. New Journal of Chemistry, 2019, 43, 11596-11603.	2.8	20
40	Synthesis of liquid-crystalline 3,5-diarylisoxazolines. Liquid Crystals, 2010, 37, 159-169.	2.2	19
41	A highly enantio- and diastereoselective direct aldol reaction in aqueous medium catalyzed by thiazolidine-based compounds. Tetrahedron: Asymmetry, 2015, 26, 632-637.	1.8	19
42	Synthesis of benzoselenazoles and benzoselenazolines by cyclization of 2-amino-benzeneselenol with Î²-dicarbonyl compounds. Tetrahedron Letters, 2015, 56, 2735-2740.	1.4	19
43	Phenology, caudex growth and age estimation of Cyathea corcovadensis (Raddi) Domin (Cyatheaceae) in a subtropical forest in southern Brazil. Acta Botanica Brasilica, 2014, 28, 274-280.	0.8	18
44	Crescimento do cÃ¡udice e fenologia de Dicksonia sellowiana Hook. (Dicksoniaceae) no sul do Brasil. Acta Botanica Brasilica, 2009, 23, 283-291.	0.8	16
45	Straightforward synthesis of non-natural chalcogen peptides via ring opening of aziridines. Tetrahedron, 2012, 68, 10449-10455.	1.9	15
46	Effects of Se-phenyl thiazolidine-4-carboselenoate on mechanical and thermal hyperalgesia in brachial plexus avulsion in mice: Mediation by cannabinoid CB1 and CB2 receptors. Brain Research, 2012, 1475, 31-36.	2.2	15
47	Highly efficient organocatalysts for the asymmetric aldol reaction. New Journal of Chemistry, 2018, 42, 7416-7421.	2.8	15
48	Trithiocarbonate Anion as a Sulfur Source for the Synthesis of 2,5-Disubstituted Thiophenes and 2-Substituted Benzo[b]thiophenes. Journal of Organic Chemistry, 2020, 85, 12922-12934.	3.2	15
49	Dipolar vinyl sulfur fluorescent dyes. Synthesis and photophysics of sulfide, sulfoxide and sulfone based Dâ€“Ï€â€“A compounds. RSC Advances, 2017, 7, 8832-8842.	3.6	14
50	Isolation of Achyrobichalcone from Achyrocline satureioides by High- Speed Countercurrent Chromatography. Current Pharmaceutical Biotechnology, 2015, 16, 66-71.	1.6	13
51	Visibleâ€Light Promoted Stereoselective Arylselanyl Functionalization of Alkynes. European Journal of Organic Chemistry, 2018, 2018, 6738-6742.	2.4	13
52	Kaolinite-based Janus nanoparticles as a compatibilizing agent in polymer blends. Applied Clay Science, 2019, 182, 105291.	5.2	13
53	New arylselanylpyrazole-copper catalysts: Highly efficient catalytic system for C Se and C S coupling reactions. Catalysis Communications, 2019, 121, 19-26.	3.3	13
54	Synthesis of enantiomerically pure glycerol derivatives containing an organochalcogen unit: In vitro and in vivo antioxidant activity. Arabian Journal of Chemistry, 2020, 13, 883-899.	4.9	13

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55	Evidence of a Photoinduced Electron-Transfer Mechanism in the Fluorescence Self-quenching of 2,5-Substituted Selenophenes Prepared through In Situ Reduction of Elemental Selenium in Superbasic Media. Journal of Organic Chemistry, 2021, 86, 10140-10153.	3.2	12
56	Intramolecular Hydroamination of Selenoalkynes to 2â€Selenylindoles in the Absence of Catalyst. Chemistry - A European Journal, 2019, 25, 8157-8162.	3.3	11
57	Ultrasound-promoted regioselective synthesis of chalcogeno-indolizines by a stepwise 1,3-dipolar cycloaddition. Ultrasonics Sonochemistry, 2020, 68, 105228.	8.2	11
58	Photoinduced metal-free Î±-selenylation of ketones. RSC Advances, 2020, 10, 10502-10509.	3.6	11
59	Aziridine-Modified Amino Alcohols as Efficient Modular Catalysts for Highly Enantioselective Alkenylzinc Additions to Aldehydes. Synlett, 2007, 2007, 0917-0920.	1.8	10
60	Ground and excited state properties of chalcogenol esters: a combined theoretical and experimental study. Journal of Physical Organic Chemistry, 2014, 27, 336-343.	1.9	10
61	Asymmetric Michael reaction promoted by chiral thiazolidine-thiourea catalyst. Tetrahedron, 2020, 76, 130874.	1.9	10
62	Synthesis of enantiomerically pure bis(2,2-dimethyl-1,3-dioxolanylmethyl)chalcogenides and dichalcogenides. New Journal of Chemistry, 2016, 40, 2321-2326.	2.8	9
63	Straightforward synthesis and antioxidant studies of chalcogenoaziridines. Tetrahedron Letters, 2016, 57, 3501-3504.	1.4	8
64	A bioanalytical HPLC method for coumestrol quantification in skin permeation tests followed by UPLC-QTOF/HDMS stability-indicating method for identification of degradation products. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1020, 43-52.	2.3	8
65	Non-traditional intrinsic luminescence of amphiphilic-based ionic liquids from oxazolidines: Interaction studies in phosphatidylcholine-composed liposomes and BSA optical sensing in solution. Journal of Molecular Liquids, 2020, 313, 113525.	4.9	8
66	Evaluation of Se-phenyl-thiazolidine-4-carboselenoate protective activity against oxidative and behavioral stress in the maniac model induced by ouabain in male rats. Neuroscience Letters, 2017, 651, 182-187.	2.1	6
67	Design of a Chiral Ionic Liquid System for the Enantioselective Addition of Diethylzinc to Aldehydes. European Journal of Organic Chemistry, 2017, 2017, 6997-7004.	2.4	6
68	Ground and excited-state properties of 1,3-benzoselenazole derivatives: A combined theoretical and experimental photophysical investigation. Journal of Molecular Structure, 2020, 1207, 127817.	3.6	6
69	Strategy to isolate ionic gold sites on silica surface: Increasing their efficiency as catalyst for the formation of 1,3-diynes. Applied Catalysis A: General, 2020, 594, 117444.	4.3	5
70	The 2:1 cycloadducts from [3 + 2] 1,3-dipolar cycloaddition of nitrile oxide and vinylacetic acid. Synthesis and liquid crystal behaviour. Liquid Crystals, 2012, 39, 175-184.	2.2	3
71	Synthesis of New Family of Thiazoline and Thiazole Esters and Investigation of their Thermal Properties. Journal of the Brazilian Chemical Society, 2014, , .	0.6	3
72	CatÃ¡lise assimÃ©trica no Brasil: desenvolvimento e potencialidades para o avanÃ§o da indÃºstria quÃmica brasileira. Quimica Nova, 2013, 36, 1591-1599.	0.3	2

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73	R,R-(+)-Bis[(3-benzyloxazolan-4-yl)methyl] disulfide. Acta Crystallographica Section E: Structure Reports Online, 2001, 57, o41-o42.	0.2	1
74	Imidazo[1,2-a]pyridine A3-Coupling Catalyzed by a Cu/SiO2 Material. Journal of the Brazilian Chemical Society, 0, , .	0.6	1
75	Facile and Practical Enantioselective Synthesis of Propargylic Alcohols by Direct Addition of Alkynes to Aldehydes Catalyzed by Chiral Disulfideâ€"Oxazolidine Ligands.. ChemInform, 2003, 34, no.	0.0	0
76	Multicomponent Synthesis of Bifunctional Thiourea Organocatalysts for the Enantioselective Aldol Reaction. , 0, , .		0
77	Synthesis of New Liquid-Crystalline Selenophenes via Electrophilic Cyclization of (Z)-Selenoenynes. , 0, , .		0
78	Regioselective Synthesis of 3-Haloalkyl-isoxazoles from the Electrophilic Cyclization of Halogenated Oximes. , 0, , .		0
79	Highly enantioselective arylation of aromatic aldehydes, promoted by chiral phosphinite ligands. , 0, , .		0
80	New Supported Ionic Liquid as Catalyst for arylation of diorgano diselenides with arylboronic acids. , 0, , .		0
81	2-Thiazoline Amide Derivatives as Liquid Crystals. , 0, , .		0
82	Preliminary studies on Cu/SiO2 catalyzed imidazo[1,2-a]pyridine multicomponent synthesis. , 0, , .		0
83	Synthesis of Chalcogenoacetylenes from Diorgano Diselenides and Terminal Acetylenes employing Bi (III). , 0, , .		0
84	Synthesis of 2-aryl-1,3-benzoselenazoles from bis(2- aminophenyl) diselenides and carboxylic acids using PBu3. , 0, , .		0
85	Palladium-Catalyzed Direct Arylation of Selenophene. , 0, , .		0
86	New Thiazolidine-Based Organocatalysts for Enantio- and Diastereoselective Aldol Reaction. , 0, , .		0
87	Oneâ€Pot Synthesis and in Silico Molecular Docking Studies of Arylselanyl Hydrazides as Potential Antituberculosis Agents. Chemistry and Biodiversity, 2022, 19, .	2.1	0
88	Advances in photochemical seleno-functionalization of (hetero)arenes. , 2022, , 123-145.		0