

Raquel G Jacob

List of Publications by Year in descending order

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135
papers

3,865
citations

117453

34
h-index

168136

53
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177
all docs

177
docs citations

177
times ranked

3237
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Vinyl Selenides. <i>Chemical Reviews</i> , 2009, 109, 1277-1301.	23.0	297
2	Î±-Keto Acids: Acylating Agents in Organic Synthesis. <i>Chemical Reviews</i> , 2019, 119, 7113-7278.	23.0	151
3	Citronellal as key compound in organic synthesis. <i>Tetrahedron</i> , 2007, 63, 6671-6712.	1.0	119
4	Glycerol as a recyclable solvent for copper-catalyzed cross-coupling reactions of diaryl diselenides with aryl boronic acids. <i>Green Chemistry</i> , 2012, 14, 1030.	4.6	112
5	Essential oil of the leaves of <i>Eugenia uniflora</i> L.: Antioxidant and antimicrobial properties. <i>Food and Chemical Toxicology</i> , 2012, 50, 2668-2674.	1.8	110
6	Transesterification of castor oil assisted by microwave irradiation. <i>Fuel</i> , 2008, 87, 2838-2841.	3.4	88
7	Synthesis of 1,2-disubstitued benzimidazoles using SiO ₂ /ZnCl ₂ . <i>Tetrahedron Letters</i> , 2009, 50, 1495-1497.	0.7	87
8	Base-free oxidation of thiols to disulfides using selenium ionic liquid. <i>Tetrahedron Letters</i> , 2011, 52, 640-643.	0.7	83
9	Synthesis of Organochalcogen Compounds using Non-Conventional Reaction Media. <i>ChemistrySelect</i> , 2016, 1, 205-258.	0.7	79
10	Catalyst-free synthesis of benzodiazepines and benzimidazoles using glycerol as recyclable solvent. <i>Tetrahedron Letters</i> , 2011, 52, 4132-4136.	0.7	75
11	Synthesis of diaryl selenides using electrophilic selenium species and nucleophilic boron reagents in ionic liquids. <i>Green Chemistry</i> , 2011, 13, 2931.	4.6	61
12	Selenonium ionic liquid as efficient catalyst for the Baylis-Hillman reaction. <i>Tetrahedron Letters</i> , 2009, 50, 5215-5217.	0.7	60
13	Sonochemistry: An efficient alternative to the synthesis of 3-selanylindoles using CuI as catalyst. <i>Ultrasonics Sonochemistry</i> , 2015, 27, 192-199.	3.8	60
14	Selenium- and tellurium-based ionic liquids and their use in the synthesis of octahydroacridines. <i>Tetrahedron Letters</i> , 2006, 47, 7439-7442.	0.7	56
15	Glycerol as a promoting medium for cross-coupling reactions of diaryl diselenides with vinyl bromides. <i>Tetrahedron Letters</i> , 2010, 51, 6772-6775.	0.7	55
16	Green, catalyst-free thioacetalization of carbonyl compounds using glycerol as recyclable solvent. <i>Tetrahedron Letters</i> , 2010, 51, 4354-4356.	0.7	54
17	Ultrasound-Assisted Multicomponent Reactions, <i>Organometallic and Organochalcogen Chemistry</i> . <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 2368-2385.	1.3	54
18	Synthesis, characterization and antioxidant activity of organoselenium and organotellurium compound derivatives of chrysin. <i>New Journal of Chemistry</i> , 2015, 39, 3043-3050.	1.4	50

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19	Clean and fast oxidative transformation of thiols to disulfides under solvent-free conditions. <i>Tetrahedron Letters</i> , 2007, 48, 7668-7670.	0.7	49
20	KF/Al ₂ O ₃ and PEG-400 as a recyclable medium for the selective α -selenation of aldehydes and ketones. Preparation of potential antimicrobial agents. <i>Tetrahedron Letters</i> , 2009, 50, 6761-6763.	0.7	49
21	Green synthesis of (α)-isopulegol from (+)-citronellal: application to essential oil of citronella. <i>Tetrahedron Letters</i> , 2003, 44, 3605-3608.	0.7	48
22	Green Michael addition of thiols to electron deficient alkenes using KF/alumina and recyclable solvent or solvent-free conditions. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 93-99.	0.6	48
23	Clean and atom-economic synthesis of octahydroacridines: application to essential oil of citronella. <i>Tetrahedron Letters</i> , 2003, 44, 6809-6812.	0.7	47
24	Synthesis of vinyl sulfides via hydrothiolation of alkynes using Al ₂ O ₃ /KF under solvent-free conditions. <i>Tetrahedron Letters</i> , 2008, 49, 1927-1930.	0.7	47
25	Metal and base-free synthesis of arylselenanyl anilines using glycerol as a solvent. <i>Green Chemistry</i> , 2014, 16, 3854.	4.6	47
26	Bioactivity of essential oils from <i>Eucalyptus globulus</i> and <i>Eucalyptus urograndis</i> against planktonic cells and biofilms of <i>Streptococcus mutans</i> . <i>Industrial Crops and Products</i> , 2014, 60, 304-309.	2.5	46
27	Selenonium ionic liquid as an efficient catalyst for the synthesis of thioacetals under solvent-free conditions. <i>Tetrahedron Letters</i> , 2008, 49, 1919-1921.	0.7	43
28	In vitro antioxidant activity and in vivo antidepressant-like effect of α -(phenylselenanyl) acetophenone in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 21-29.	1.3	43
29	Synthesis of ketene (S, Te)acetals and their transformation into Z - α -phenylthio- α,β -unsaturated aldehydes. <i>Tetrahedron</i> , 1999, 55, 7421-7432.	1.0	42
30	Synthesis of vinyl selenides and tellurides using PEG-400. <i>Arkivoc</i> , 2009, 2009, 221-227.	0.3	40
31	A Selenium-Based Ionic Liquid as a Recyclable Solvent for the Catalyst-Free Synthesis of 3-Selenylindoles. <i>Molecules</i> , 2013, 18, 4081-4090.	1.7	39
32	Direct Synthesis of 4-Organylselenanylpyrazoles by Copper-Catalyzed One-Pot Cyclocondensation and C-H Bond Selenylation Reactions. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 4041-4049.	2.1	39
33	Synthesis of 4-Organoselenanyl-1H-pyrazoles: Oxone-Mediated Electrophilic Cyclization of α,β -Alkynyl Hydrazones by Using Diorganyl Diselenides. <i>Synthesis</i> , 2019, 51, 2293-2304.	1.2	38
34	Five-Membered Cyclic Carbonates: Versatility for Applications in Organic Synthesis, Pharmaceutical, and Materials Sciences. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5024.	1.3	38
35	Solvent-free conjugated addition of thiols to citral using KF/alumina: preparation of 3-thioorganylcitronellals, potential antimicrobial agents. <i>Tetrahedron Letters</i> , 2007, 48, 6763-6766.	0.7	36
36	Synthesis of bis(indolyl)methanes using silica gel as an efficient and recyclable surface. <i>Tetrahedron Letters</i> , 2012, 53, 5402-5406.	0.7	36

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37	Niobium-promoted reaction of $\hat{1}\pm$ -phenylglyoxylic acid with ortho-functionalized anilines: synthesis of 2-arylbenzothiazoles and 3-aryl-2H-benzo[b][1,4]benzoxazin-2-ones. <i>Green Chemistry</i> , 2016, 18, 6675-6680.	4.6	35
38	Selenomethoxylation of Alkenes Promoted by Oxone [®] . <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1224-1229.	1.2	34
39	Addition of chalcogenolate anions to terminal alkynes using microwave and solvent-free conditions: easy access to bis-organochalcogen alkenes. <i>Tetrahedron Letters</i> , 2006, 47, 935-938.	0.7	33
40	Organocatalytic synthesis and evaluation of 7-chloroquinoline-1,2,3-triazoyl carboxamides as potential antinociceptive, anti-inflammatory and anticonvulsant agent. <i>RSC Advances</i> , 2014, 4, 41437-41445.	1.7	32
41	The first synthesis of $\hat{1}^2$ -phenylchalcogeno- $\hat{1}\pm$, $\hat{1}^2$ -unsaturated esters via hydrochalcogenation of acetylenes using microwave and solvent-free conditions. <i>Tetrahedron Letters</i> , 2005, 46, 1679-1682.	0.7	31
42	Ultrasound [®] -Promoted Radical Synthesis of 5 \hat{a} -Methylselenanyl \hat{a} 4,5 \hat{a} -dihydroisoxazoles. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 586-592.	1.2	30
43	Bioactivity and morphological changes of bacterial cells after exposure to 3-(p-chlorophenyl)thio citronellal. <i>LWT - Food Science and Technology</i> , 2014, 59, 813-819.	2.5	29
44	Essential oil of <i>Psidium cattleianum</i> leaves: Antioxidant and antifungal activity. <i>Pharmaceutical Biology</i> , 2015, 53, 242-250.	1.3	29
45	Sonochemistry in organocatalytic enamine-azide [3+2] cycloadditions: A rapid alternative for the synthesis of 1,2,3-triazoyl carboxamides. <i>Ultrasonics Sonochemistry</i> , 2017, 34, 107-114.	3.8	29
46	Synthesis of (Z)-organylthioenynes using KF/Al ₂ O ₃ /solvent as recyclable system. <i>Tetrahedron Letters</i> , 2011, 52, 133-135.	0.7	28
47	Glycerol as a recyclable solvent in a microwave-assisted synthesis of disulfides. <i>Green Chemistry Letters and Reviews</i> , 2012, 5, 329-336.	2.1	28
48	In vitro and in vivo acaricide action of juvenoid analogs produced from the chemical modification of <i>Cymbopogon</i> spp. and <i>Corymbia citriodora</i> essential oil on the cattle tick <i>Rhipicephalus</i> (<i>Boophilus</i>) <i>microplus</i> . <i>Veterinary Parasitology</i> , 2014, 205, 277-284.	0.7	28
49	Catalyst-free synthesis of octahydroacridines using glycerol as recyclable solvent. <i>Tetrahedron Letters</i> , 2011, 52, 2571-2574.	0.7	27
50	Further analysis of the antimicrobial activity of $\hat{1}\pm$ -phenylseleno citronellal and $\hat{1}\pm$ -phenylseleno citronellol. <i>Food Control</i> , 2012, 23, 95-99.	2.8	27
51	Glycerol/CuI/Zn as a recyclable catalytic system for synthesis of vinyl sulfides and tellurides. <i>Tetrahedron Letters</i> , 2013, 54, 3475-3480.	0.7	27
52	Synthesis of Cross-Conjugated Geminal Eneidyne via Palladium Catalyzed Cross-Coupling Reaction of Ketene Butyltelluroacetals. <i>Synlett</i> , 2002, 2002, 0975-0977.	1.0	26
53	Phenyltelluroacrylonitriles and phenylselenoacrylonitriles as precursors of (Z)- $\hat{1}\pm$ -phenylseleno- $\hat{1}\pm$, $\hat{1}^2$ -unsaturated aldehydes, $\hat{1}^2$ -amino- $\hat{1}\pm$ -phenylselenonitriles and Diels [®] -Alder adducts. <i>Tetrahedron</i> , 2001, 57, 5953-5959.	1.0	25
54	Hydroselenation of alkynes using NaBH ₄ /BMIMBF ₄ : easy access to vinyl selenides. <i>Tetrahedron Letters</i> , 2007, 48, 8011-8013.	0.7	25

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55	Synthesis of 5 <i>H</i> -selenopheno[3,2- <i>c</i>]isochromen-5-ones Promoted by Dialkyl Diselenides and Oxone [®] . <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3403-3411.	2.1	25
56	Synthesis of beta-phenylchalcogeno-alpha, beta-unsaturated esters, ketones and nitriles using microwave and solvent-free conditions. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 943-950.	0.6	24
57	Glycerol as a promoting and recyclable medium for catalyst-free synthesis of linear thioethers: new antioxidants from eugenol. <i>Green Chemistry Letters and Reviews</i> , 2013, 6, 269-276.	2.1	24
58	Water and Aqueous Mixtures as Convenient Alternative Media for Organoselenium Chemistry. <i>Molecules</i> , 2016, 21, 1482.	1.7	24
59	Synthesis of 1 <i>H</i> -1,5-benzodiazepines derivatives using SiO ₂ /ZnCl ₂ . <i>Heteroatom Chemistry</i> , 2011, 22, 180-185.	0.4	22
60	A simple and stereoselective synthesis of (Z)-1,2-bis-arylselanyl alkenes from alkynes using KF/Al ₂ O ₃ . <i>Tetrahedron</i> , 2012, 68, 10414-10418.	1.0	22
61	Copper-catalyzed Multicomponent Reactions: Synthesis of Fused 1,2,3-triazolo[1,3,6]triazonines. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2579-2586.	1.2	22
62	A niobium-catalyzed coupling reaction of α -keto acids with <i>ortho</i> -phenylenediamines: synthesis of 3-arylquinoxalin-2(1 <i>H</i>)-ones. <i>Green Chemistry</i> , 2019, 21, 6154-6160.	4.6	21
63	Synthesis of Seleno-Dibenzocycloheptenones/Spiro[5.5]Trienones by Radical Cyclization of Biaryl Ynones. <i>Journal of Organic Chemistry</i> , 2022, 87, 4273-4283.	1.7	21
64	DES as a green solvent to prepare 1,2-bis-organylseleno alkenes. Scope and limitations. <i>Tetrahedron Letters</i> , 2015, 56, 6890-6895.	0.7	20
65	Synthesis of 4-Selanyl- and 4-Tellanyl-1 <i>H</i> -isochromen-1-ones Promoted by Diorganyl Dichalcogenides and Oxone. <i>Journal of Organic Chemistry</i> , 2021, 86, 14016-14027.	1.7	20
66	Antinociceptive Effect of Essential Oils and Their Constituents: an Update Review. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	20
67	Ultrasound-promoted synthesis of 2-organoselanyl-naphthalenes using Oxone [®] in aqueous medium as an oxidizing agent. <i>PeerJ</i> , 2018, 6, e4706.	0.9	20
68	Clean and atom-economic synthesis of alpha-phenylselenoacrylonitriles and alpha-phenylseleno-alpha,beta-unsaturated esters by knoevenagel reaction under solvent-free conditions. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 857-862.	0.6	19
69	Synthesis of vinyl sulfides under base-free conditions using selenium ionic liquid. <i>Tetrahedron Letters</i> , 2012, 53, 2651-2653.	0.7	19
70	Ultrasound-promoted organocatalytic enamine-azide [3 + 2] cycloaddition reactions for the synthesis of ((arylselanyl)phenyl-1 <i>H</i> -1,2,3-triazol-4-yl)ketones. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 694-702.	1.3	19
71	Selectivity on the reaction of vinylic tellurides with butyllithium in the presence of carbonyl compounds. <i>Tetrahedron Letters</i> , 1999, 40, 7159-7162.	0.7	18
72	Synthesis and reactivity of alpha-phenylseleno-beta-substituted styrenes: preparation of (Z)-allyl alcohols, (E)-alpha-phenyl-alpha,beta-unsaturated aldehydes and alpha-aryl acetophenones. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 1031-1038.	0.6	18

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73	In Vitro Susceptibility of Brazilian <i>Pythium insidiosum</i> Isolates to Essential Oils of Some Lamiaceae Family Species. <i>Mycopathologia</i> , 2015, 179, 253-258.	1.3	18
74	Green Hydroselenation of Aryl Alkynes: Divinyl Selenides as a Precursor of Resveratrol. <i>Molecules</i> , 2017, 22, 327.	1.7	18
75	Molecular iodine-catalyzed one-pot multicomponent synthesis of 5-amino-4-(arylselanyl)-1 <i>H</i> -pyrazoles. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 2789-2798.	1.3	18
76	A pyrazole-containing selenium compound modulates neuroendocrine, oxidative stress, and behavioral responses to acute restraint stress in mice. <i>Behavioural Brain Research</i> , 2021, 396, 112874.	1.2	18
77	Synthesis of fused 1,2,3-triazolo-1,3,6-triazonines through copper-catalyzed intramolecular Ullmann cross-coupling reaction. <i>Tetrahedron Letters</i> , 2016, 57, 4885-4889.	0.7	17
78	Copper-catalyzed synthesis of 1,3,5-triaryl-4-(organylselanyl)-1 <i>H</i> -pyrazoles by one-pot multicomponent reactions. <i>Tetrahedron Letters</i> , 2018, 59, 4090-4095.	0.7	17
79	Synthesis of β -Phenylchalcogeno- α,β -unsaturated Ketones via Hydrochalcogenation of Acetylenes using Microwave and Solvent-Free Conditions. <i>Synthetic Communications</i> , 2006, 36, 2587-2595.	1.1	16
80	Selenium-NMR Spectroscopy in Organic Synthesis: From Structural Characterization Toward New Investigations. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 91-128.	1.3	16
81	Synthesis of (arylselanyl)- and (arylsulfenyl)-alkyl-1,2,3-triazolo-1,3,6-triazonines via a copper-catalyzed multicomponent reaction. <i>Tetrahedron Letters</i> , 2018, 59, 1080-1083.	0.7	15
82	Alginate-copper microspheres as efficient and reusable heterogeneous catalysts for the one-pot synthesis of 4-organylselanyl-1 <i>H</i> -pyrazoles. <i>Catalysis Science and Technology</i> , 2020, 10, 3918-3930.	2.1	15
83	NaBH ₄ /[bmim]BF ₄ : a new reducing system to access vinyl selenides and tellurides. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 2093-2099.	0.6	14
84	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
85	Polyethylene glycol-400/H ₃ PO ₂ : an eco-friendly reductive system for the synthesis of selanylestere. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1531-1535.	2.3	14
86	Selective Synthesis of Vinyl- or Alkynyl Chalcogenides from Glycerol and their Water-Soluble Derivatives. <i>ChemistrySelect</i> , 2016, 1, 2009-2013.	0.7	14
87	Organoselenium-chitosan derivative: Synthesis via click-reaction, characterization and antioxidant activity. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 19-26.	3.6	14
88	Synthesis of vinyl sulfides using glycerol as a recyclable solvent. <i>Arkivoc</i> , 2011, 2011, 272-282.	0.3	14
89	Antinociceptive and anti-inflammatory effects of 4-(arylchalcogenyl)-1 <i>H</i> -pyrazoles containing selenium or sulfur. <i>Pharmacological Reports</i> , 2020, 72, 36-46.	1.5	13
90	Synthesis of ketene phenyl- and butyltelluroacetals by a Horner-Wittig route. <i>Tetrahedron</i> , 2005, 61, 7712-7718.	1.0	12

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91	Addition of thiols to phenylselenoalkynes using KF/Alumina under solvent-free conditions. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 2125-2129.	0.6	12
92	Synthesis and Beckmann rearrangement of novel (Z)-2-organylselanyl ketoximes: promising agents against grapevine anthracnose infection. <i>Tetrahedron Letters</i> , 2016, 57, 5575-5580.	0.7	12
93	Synthesis of 2-organylchalcogenylbenzo[<i>b</i>]selenophenes: 1-(2,2-dibromovinyl)-2-butylselenanylbenzenes as Precursors to Access Alkynes Susceptible to Cyclization. <i>ChemistrySelect</i> , 2017, 2, 4561-4566.	0.7	12
94	Synthesis, Molecular Docking, and Preliminary Evaluation of (1,2,3-triazolyl)benzaldehydes As Multifunctional Agents for the Treatment of Alzheimer's Disease. <i>ChemMedChem</i> , 2020, 15, 610-622.	1.6	12
95	Recent Advances in the Oxone-Mediated Synthesis of Heterocyclic Compounds. <i>Molecules</i> , 2021, 26, 7523.	1.7	12
96	Synthesis of Vinylic Chalcogenides (S, Se, Te) by Wittig and the Horner-Wittig Reactions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2001, 172, 55-100.	0.8	11
97	Copper-Catalyzed Selective Synthesis of 5-selanylimidazo[2,1- <i>b</i>]thiazoles. <i>ChemistrySelect</i> , 2017, 2, 10793-10797.	0.7	11
98	A simple and non-conventional method for the synthesis of selected β -arylalkylchalcogeno substituted alcohols, amines and carboxylic acids. <i>Arkivoc</i> , 2017, 2016, 376-389.	0.3	11
99	Atom-Economic Synthesis of Functionalized Octahydroacridines from Citronellal or 3-(Phenylthio)-citronellal. <i>Synthetic Communications</i> , 2009, 39, 2747-2762.	1.1	10
100	Synthesis of β -Aryl- β -sulfanyl Ketones by a Sequential One-Pot Reaction Using $\text{KF/Al}_2\text{O}_3$ in Glycerol. <i>Synthetic Communications</i> , 2014, 44, 49-58.	1.1	10
101	Synthesis of Thiol Esters by the Reaction of Ricinoleic Acid with Thiols Under Solvent-Free Conditions. <i>Synthetic Communications</i> , 2011, 41, 2974-2984.	1.1	9
102	Synthesis and characterization of imine-modified silicas obtained by the reaction of essential oil of <i>Eucalyptus citriodora</i> , 3-aminopropyltriethoxysilane and tetraethylorthosilicate. <i>Vibrational Spectroscopy</i> , 2013, 68, 272-278.	1.2	9
103	PEG-400 as a recyclable solvent in the synthesis of β -arylthio- β -unsaturated esters, ketone and aldehyde under base and catalyst-free conditions. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 2004-2007.	3.3	9
104	Synthesis of enantiomerically pure bis(2,2-dimethyl-1,3-dioxolan-1-ylmethyl)chalcogenides and dichalcogenides. <i>New Journal of Chemistry</i> , 2016, 40, 2321-2326.	1.4	9
105	Synthesis, Antimicrobial, and Antioxidant Activities of Chalcogen-Containing Nitrene Derivatives from (R)-citronellal. <i>Medicines (Basel, Switzerland)</i> , 2017, 4, 39.	0.7	9
106	A novel pyrazole-containing selenium compound modulates the oxidative and nitroergic pathways to reverse the depression-pain syndrome in mice. <i>Brain Research</i> , 2020, 1741, 146880.	1.1	9
107	Antioxidant and antifungal activities of the flowers' essential oil of <i>Tagetes minuta</i> , (<i>Z</i>)-tagetone and thiotagetone. <i>Journal of Essential Oil Research</i> , 2019, 31, 160-169.	1.3	8
108	Evaluation of antioxidant activity and toxicity of sulfur- or selenium-containing 4-(arylchalcogenyl)-1H-pyrazoles. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020, 98, 441-448.	0.7	8

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109	Synthesis of benzo[b]chalcogenophenes fused to selenophenes via intramolecular electrophilic cyclization of 1,3-diynes. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 596-604.	1.5	8
110	NMR chiral discrimination of chalcogen containing secondary alcohols. <i>Chirality</i> , 2019, 31, 41-51.	1.3	7
111	Synthesis of 2-(Arylselanyl)benzo[b]chalcogenophenes via Intramolecular Cyclization of Vinyl Selenides. <i>Synthesis</i> , 2019, 51, 578-586.	1.2	7
112	Visible light-promoted synthesis of 2-aryl-(3-organoselanyl)thieno[2,3-b]pyridines. <i>Green Chemistry Letters and Reviews</i> , 2022, 15, 373-382.	2.1	7
113	Ultrasound and Oxone [®] promoting regioselective selenofunctionalization of chromone. <i>Arkivoc</i> , 2020, 2020, 276-286.	0.3	6
114	Flower essential oil of <i>Tagetes minuta</i> mitigates oxidative stress and restores BDNF-Akt/ERK2 signaling attenuating inflammation- and stress-induced depressive-like behavior in mice. <i>Brain Research</i> , 2022, 1784, 147845.	1.1	6
115	Sequential one-pot synthesis and antioxidant evaluation of 5-amino-4-(arylselanyl)-1H-pyrazoles. <i>Tetrahedron Letters</i> , 2022, 103, 153992.	0.7	6
116	Synthesis of (Z)-N-alkenyl-2-arylselanyl imidazoles via additive-free nucleophilic addition of imidazole to arylselanylalkynes. <i>Tetrahedron Letters</i> , 2014, 55, 992-995.	0.7	5
117	Synthesis of 2-(1,2,3-triazoyl)-acetophenones: molecular docking and inhibition of in vitro monoamine oxidase activity. <i>New Journal of Chemistry</i> , 2021, 45, 714-724.	1.4	4
118	Rongalite [®] /PEG-400 as reducing system in the synthesis of new glycerol-derived selenol esters using anhydrides and bis-(2,2-dimethyl-1,3-dioxolan-2-yl)methyl diselenide as substrates. <i>Arkivoc</i> , 2017, 2017, 138-148.	0.3	4
119	Deep Eutectic Solvents: An Alternative Medium for the Preparation of Organosulfur Compounds. <i>Current Green Chemistry</i> , 2020, 7, 179-200.	0.7	3
120	Selective Synthesis of 4-Chalcogenylmethyl-1,3-dioxolan-2-ones and 1,3-Bis(organylchalcogenyl)propan-2-ols from 3-O-Tosyl Glycerol 1,2-Carbonate. <i>ChemistrySelect</i> , 2016, 1, 6238-6242.	0.7	2
121	Antimicrobial activity of 3-(p-chlorophenyl)thio citronellal against planktonic and biofilm <i>Staphylococcus aureus</i> cells and its application in biodegradable films. <i>Food Packaging and Shelf Life</i> , 2019, 22, 100375.	3.3	2
122	Peroxide-mediated oxidative coupling of primary alcohols and disulfides: Synthesis of 2-substituted benzothiazoles. <i>Tetrahedron Letters</i> , 2019, 60, 1587-1591.	0.7	2
123	Synthesis of 4-Arylselanylpyrazoles Through Cyclocondensation Reaction Using Glycerol as Solvent. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	2
124	Selective Synthesis of (Z)-Chalcogenoenynes and (Z,Z)-1,4-bis-Chalcogenbuta-1,3-dienes Using PEG-400. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	1
125	Oxone [®] -Promoted One-Pot Synthesis of 1-Aryl-4-(organylselanyl)-1H-pyrazoles. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1
126	Selective Synthesis of 2-(1,2,3-Triazolyl) Quinazolinones through Copper-Catalyzed Multicomponent Reaction. <i>Catalysts</i> , 2021, 11, 1170.	1.6	1

#	ARTICLE	IF	CITATIONS
127	Synthesis of Organosulfur and Organoselenium Derivatives from Castor Oil. <i>Revista Virtual De Quimica</i> , 2014, 6, .	0.1	1
128	Essential Oils as a Sustainable Raw Material for the Preparation of Products with Higher Value-Added. <i>Revista Virtual De Quimica</i> , 2017, 9, 294-316.	0.1	1
129	Semisynthetic bioactive organoselenium and organotellurium compounds. , 2022, , 253-289.		1
130	Clean and Atom-Economic Synthesis of Octahydroacridines: Application to Essential Oil of Citronella.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
131	The First Synthesis of $\hat{1}^2$ -Phenylchalcogeno- $\hat{1}\pm, \hat{1}^2$ -Unsaturated Esters via Hydrochalcogenation of Acetylenes Using Microwave and Solvent-Free Conditions.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
132	Synthesis of Ketene Phenyl- and Butyltelluroacetals by a Horner-Wittig Route.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
133	6. Synthesis of organoselenium compounds using nonconventional reaction media. , 2020, , 193-276.		0
134	Glycerol/Hypophosphorous Acid and PhSeSePh: An Efficient and Selective System for Reactions in the Carbon-Carbon Double Bond of (E)-Chalcones. <i>Journal of the Brazilian Chemical Society</i> , 2014, , .	0.6	0
135	3-Isobutyl-5,5,7-tris(3-methylbut-2-en-1-yl)-1-phenyl-1,7-dihydro-4H-indazole-4,6(5H)-dione. <i>MolBank</i> , 2022, 2022, M1330.	0.2	0