

Jose S S Neto

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

913
citations

394421

19
h-index

477307

29
g-index

43
all docs

43
docs citations

43
times ranked

1022
citing authors

#	ARTICLE	IF	CITATIONS
1	Versatile Electrochemical Synthesis of Selenylbenzo[b]Furan Derivatives Through the Cyclization of 2-Alkynylphenols. <i>Frontiers in Chemistry</i> , 2022, 10, .	3.6	16
2	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.	3.2	20
3	Recent Developments in the Cyclization of Alkynes and Nitrogen Compounds for the Synthesis of Indole Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1282-1318.	2.7	15
4	Recent advances in the synthesis of indoles from alkynes and nitrogen sources. <i>Organic Chemistry Frontiers</i> , 2020, 7, 155-210.	4.5	120
5	Ten years of progress in the synthesis of six-membered N-heterocycles from alkynes and nitrogen sources. <i>Tetrahedron</i> , 2020, 76, 130876.	1.9	26
6	Dichalcogenides/Oxone [®] -Mediated Cyclization of (Z)-Chalcogenoenynes under Ultrasound Irradiation. <i>ChemistrySelect</i> , 2020, 5, 9813-9819.	1.5	10
7	Selenylated-oxadiazoles as promising DNA intercalators: Synthesis, electronic structure, DNA interaction and cleavage. <i>Dyes and Pigments</i> , 2020, 180, 108519.	3.7	26
8	Synthesis of indoles from alkynes and a nitrogen source under metal-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 4906-4915.	2.8	18
9	Transition Metal-Catalyzed and Metal-Free Cyclization Reactions of Alkynes with Nitrogen-Containing Substrates: Synthesis of Pyrrole Derivatives. <i>ChemCatChem</i> , 2020, 12, 3335-3408.	3.7	32
10	Frontispiece: Alkynes and Nitrogen Compounds: Useful Substrates for the Synthesis of Pyrazoles. <i>Chemistry - A European Journal</i> , 2020, 26, .	3.3	1
11	Synthesis, photophysics and biomolecule interactive studies of new hybrid benzo-2,1,3-thiadiazoles. <i>New Journal of Chemistry</i> , 2020, 44, 2768-2780.	2.8	10
12	Alkynes and Nitrogen Compounds: Useful Substrates for the Synthesis of Pyrazoles. <i>Chemistry - A European Journal</i> , 2020, 26, 8175-8189.	3.3	38
13	A decade of advances in the reaction of nitrogen sources and alkynes for the synthesis of triazoles. <i>Coordination Chemistry Reviews</i> , 2020, 409, 213217.	18.8	52
14	Synthesis of 3-selanylbenzo[b]furans promoted by SelectFluor [®] . <i>RSC Advances</i> , 2020, 10, 13975-13983.	3.6	25
15	Trihaloisocyanuric acids in ethanol: an eco-friendly system for the regioselective halogenation of imidazo-heteroarenes. <i>Green Chemistry</i> , 2020, 22, 3410-3415.	9.0	49
16	(p-ClPhSe) ₂ modulates hippocampal BDNF/TrkB signaling and reverses memory impairment induced by diabetes in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 94, 109660.	4.8	9
17	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.	4.3	25
18	Synthesis of 2,3-bis-organochalcogenyl-benzo[b]chalcogenophenes promoted by Oxone [®] . <i>New Journal of Chemistry</i> , 2019, 43, 6323-6331.	2.8	33

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19	Alternative Metal-Free Synthesis of Diorganoyl Selenides and Tellurides Mediated by Oxone [®] . Synlett, 2018, 29, 1479-1484.	1.8	12
20	(p-ClPhSe) ₂ stabilizes metabolic function in a rat model of neuroendocrine obesity induced by monosodium glutamate. Food and Chemical Toxicology, 2018, 118, 168-180.	3.6	21
21	Antimicrobial effect of 2-phenylethynyl-butyltellurium in Escherichia coli and its association with oxidative stress. Journal of Microbiology and Biotechnology, 2018, 28, 1209-1216.	2.1	11
22	p-Chloro-diphenyl diselenide reverses memory impairment-related to stress caused by corticosterone and modulates hippocampal [3H]glutamate uptake in mice. Physiology and Behavior, 2016, 164, 25-33.	2.1	16
23	The intramolecular 5-exo, 7-endo-dig transition metal-free cyclization sequence of (2-alkynylphenyl) benzyl ethers: synthesis of seven-membered fused benzo[b]furans. Green Chemistry, 2016, 18, 6648-6658.	9.0	6
24	Iron-Promoted Tandem Cyclization of 1,3-Diynyl Chalcogen Derivatives with Diorganyl Dichalcogenides for the Synthesis of Benzo[b]furan-Fused Selenophenes. Advanced Synthesis and Catalysis, 2016, 358, 3572-3585.	4.3	47
25	Diphenyl diselenide elicits antidepressant-like activity in rats exposed to monosodium glutamate: A contribution of serotonin uptake and Na ⁺ , K ⁺ -ATPase activity. Behavioural Brain Research, 2016, 301, 161-167.	2.2	24
26	Production and characterization of diphenyl ditelluride-loaded nanocapsules: validation using an analytical method. Analytical Methods, 2015, 7, 10409-10413.	2.7	0
27	Effects of diphenyl and p-chloro-diphenyl diselenides on feeding behavior of rats. Psychopharmacology, 2015, 232, 2239-2249.	3.1	18
28	Nucleophilic Cyclization of Alkynylbenzamides Promoted by Iron(III) Chloride and Diorganyl Dichalcogenides: Synthesis of 4-Organochalcogenyl-1,2,3,4-tetrahydroisochromen-1-imines. European Journal of Organic Chemistry, 2015, 2015, 1583-1590.	2.4	28
29	Evidence for the contribution of multiple mechanisms in the feeding pattern of rats exposed to p-chloro-diphenyl diselenide-supplemented diets. Physiology and Behavior, 2015, 151, 298-307.	2.1	8
30	Involvement of the serotonergic system in the anxiolytic-like effect of 2-phenylethynyl butyltellurium in mice. Behavioural Brain Research, 2015, 277, 221-227.	2.2	9
31	2,2-Dithienyl diselenide pro-oxidant activity accounts for antibacterial and antifungal activities. Microbiological Research, 2013, 168, 563-568.	5.3	27
32	Bis-vinyl selenides obtained via iron(iii) catalyzed addition of PhSeSePh to alkynes: synthesis and antinociceptive activity. Organic and Biomolecular Chemistry, 2013, 11, 1199.	2.8	48
33	2-Phenylethynyl-butyltellurium attenuates amyloid β peptide(25-35)-induced learning and memory impairments in mice. Journal of Neuroscience Research, 2013, 91, 848-853.	2.9	12
34	Cognitive effects of diphenyl diselenide and estradiol treatments in ovariectomized mice. Neurobiology of Learning and Memory, 2013, 99, 17-24.	1.9	10
35	Phenylethynyl-Butyltellurium Inhibits the Sulfhydryl Enzyme Na ⁺ , K ⁺ -ATPase: An Effect Dependent on the Tellurium Atom. Biological Trace Element Research, 2013, 155, 261-266.	3.5	2
36	2-Phenylethynyl-butyltellurium enhances learning and memory impaired by scopolamine in mice. Behavioural Pharmacology, 2013, 24, 249-254.	1.7	25

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37	2-Phenylethynyl-butyltellurium improves memory in mice. <i>Neurochemistry International</i> , 2012, 60, 409-414.	3.8	7
38	Csp3-tellurium copper cross-coupling: synthesis of alkynyl tellurides a novel class of antidepressive-like compounds. <i>Tetrahedron Letters</i> , 2009, 50, 909-915.	1.4	24
39	Synthesis of 3-aryl-4-chalcogen-2H-benzopyrans from 3-iodo-4-chalcogen-2H-benzopyrans using a Suzuki cross-coupling. <i>Tetrahedron Letters</i> , 2009, 50, 5326-5328.	1.4	5
40	Antioxidant effect of a novel class of telluroacetylene compounds: Studies in vitro and in vivo. <i>Life Sciences</i> , 2009, 84, 351-357.	4.3	28