Davi F Back

List of Publications by Year
in descending order

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130	2,426	201674	330143
papers	citations	27 h-index	37 g-index

131	131	131	2859
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regioselective Synthesis of Isochromenones by Iron(III)/PhSeSePh-Mediated Cyclization of 2-Alkynylaryl Esters. Journal of Organic Chemistry, 2011, 76, 6789-6797.	3.2	84
2	Iron(III) Chloride and Diorganyl Diselenides-Mediated 6-endo-dig Cyclization of Arylpropiolates and Arylpropiolamides Leading to 3-Organoselenyl-2H-coumarins and 3-Organoselenyl-quinolinones. Journal of Organic Chemistry, 2014, 79, 10526-10536.	3.2	83
3	Synthesis of Organochalcogen Propargyl Aryl Ethers and Their Application in the Electrophilic Cyclization Reaction: An Efficient Preparation of 3-Halo-4-Chalcogen-2H-Benzopyrans. Journal of Organic Chemistry, 2009, 74, 3469-3477.	3.2	59
4	Sequential Carbonâ€“Carbon/Carbonâ€“Selenium Bond Formation Mediated by Iron(III) Chloride and Diorganyl Diselenides: Synthesis and Reactivity of 2-Organoselenyl-Naphthalenes. Journal of Organic Chemistry, 2017, 82, 2713-2723.	3.2	58
5	Iron-Catalyzed Cyclization of Alkynols with Diorganyl Diselenides: Synthesis of 2,5-Dihydrofuran, 3,6-Dihydro-2H-pyran, and 2,5-Dihydro-1H-pyrrole Organoselanyl Derivatives. Journal of Organic Chemistry, 2015, 80, 7702-7712.	3.2	53
6	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
7	Palladium(II) complexes with thiosemicarbazones: syntheses, characterization and cytotoxicity against breast cancer cells and Anti-Mycobacterium tuberculosis activity. Journal of the Brazilian Chemical Society, 2010, 21, 1177-1186.	0.6	48
8	Ironâ€Promoted Tandem Cyclization of 1,3â€Diynyl Chalcogen Derivatives with Diorganyl Dichalcogenides for the Synthesis of Benzo[b]furanâ€Fused Selenophenes. Advanced Synthesis and Catalysis, 2016, 358, 3572-3585.	4.3	47
9	2-(Quinolin-4-yloxy)acetamides Are Active against Drug-Susceptible and Drug-Resistant Mycobacterium tuberculosis Strains. ACS Medicinal Chemistry Letters, 2016, 7, 235-239.	2.8	42
10	Transmetalation of Z-Telluroenynes: Stereoselective Synthesis of Z-Enynols and Their Application in Palladium-Catalyzed Cyclization. Organic Letters, 2010, 12, 936-939.	4.6	39
11	Synthesis and Biological Evaluation of 2-Picolylamide-Based Diselenides with Non-Bonded Interactions. Molecules, 2015, 20, 10095-10109.	3.8	39
12	New insights into the SAR and drug combination synergy of 2-(quinolin-4-yloxy)acetamides against Mycobacterium tuberculosis. European Journal of Medicinal Chemistry, 2017, 126, 491-501.	5.5	38
13	Iron(III) Chloride/Diorganyl Diselenidesâ€Promoted Regioselective Cyclization of Alkynyl Aryl Ketones: Synthesis of 3â€Organoselenyl Chromenones under Ambient Atmosphere. Advanced Synthesis and Catalysis, 2011, 353, 2042-2050.	4.3	35
14	Regioselective Formation of Tetrahydroselenophenes via 5-exo-dig-Cyclization of 1-Butylseleno-4-alkynes. Organic Letters, 2012, 14, 6072-6075.	4.6	33
15	Copperâ€Catalyzed Carbonâ€Nitrogen/Carbonâ€Selenium Bonds Formation: Synthesis of 2â€(Organochalcogenyl)â€indolizines. Advanced Synthesis and Catalysis, 2017, 359, 1901-1911.	4.3	33
16	Mercury Bis(phenyltellurolate) as a Precursor for the Synthesis of Binary and Ternary Nanoclusters. Inorganic Chemistry, 2007, 46, 2356-2358.	4.0	32
17	Synthesis, characterization and chemoprotective activity of polyoxovanadates against DNA alkylation. Journal of Inorganic Biochemistry, 2012, 108, 36-46.	3.5	32
18	Synthesis, characterization, microbiological evaluation, genotoxicity and synergism tests of new nano silver complexes with sulfamoxole. Journal of Inorganic Biochemistry, 2014, 141, 58-69.	3.5	31

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19	A new approach to the synthesis of heteronuclear propeller-like single molecule magnets. Dalton Transactions, 2013, 42, 4416.	3.3	30
20	Iron(III) Chloride/Diorganyl Diselenides Promoted Regioâ€•and Stereoselective Cyclization of orthoâ€Alkynylanilides: Synthesis of (Z)â€4â€(chalcogen)methylenebenzoxazines. Advanced Synthesis and Catalysis, 2014, 356, 501-508.	4.3	30
21	Electrophilic Cyclization Involving Carbonâ€“Selenium/Carbonâ€“Halide Bond Formation: Synthesis of 3-Substituted Selenophenes. Journal of Organic Chemistry, 2018, 83, 6706-6718.	3.2	30
22	CeIII-promoted oxidation. Efficient aerobic one-pot eco-friendly synthesis of oxidized bis(indol-3-yl)methanes and cyclic tetra(indolyl)dimethanes. Green Chemistry, 2012, 14, 2912.	9.0	29
23	(Biphenyl-2-alkyne) derivatives as common precursors for the synthesis of 9-iodo-10-organochalcogen-phenanthrenes and 9-organochalcogen-phenanthrenes. Organic and Biomolecular Chemistry, 2016, 14, 10415-10426.	2.8	29
24	Nucleophilic Cyclization of oâ€Alkynylbenzamides Promoted by Iron(III) Chloride and Diorganyl Dichalcogenides: Synthesis of 4â€Organochalcogenylâ€1Hâ€isochromenâ€1â€imines. European Journal of Organic Chemistry, 2015, 2015, 1583-1590.	2.4	28
25	Iron(III) Chloride and Diorganyl Diselenideâ€Promoted Nucleophilic Closures of 1â€Benzylâ€2â€alkynylbenzenes in the Preparation of 9â€(Organoselanyl)â€5Hâ€benzo[7]annulenes. Advanced Synthesis and Catalysis, 2016, 358, 1119-1129.	5.8	28
26	Chelation of UO22+ by vitamin B6 complex derivatives: Synthesis and characterization of [UO2(Î²-pyracinide)2(H2O)] and [UO2(Pyr2en)DMSO]Cl2{Pyr2en=N,Nâ€²-ethylenebis(pyridoxylideneiminato)}. A useful modeling of assimilation of uranium by living beings. Journal of Inorganic Biochemistry, 2006, 100, 1698-1704.	3.5	27
27	Application of Copper(I) Iodide/Diorganoyl Dichalcogenides to the Synthesis of 4â€Organochalcogen Isoquinolines by Regioselective Cï¿¿N and Cï¿¿Chalcogen Bond Formation. Chemistry - A European Journal, 2012, 18, 10602-10608.	3.3	27
28	Ferrocenylethenyl-substituted 1,3,4-oxadiazolyl-1,2,4-oxadiazoles: Synthesis, characterization and DNA-binding assays. Journal of Organometallic Chemistry, 2017, 841, 1-11.	1.8	27
29	Iron(III)â€Promoted Synthesis of 3â€(Organoselanyl)â€1,2â€Dihydroquinolines from Diorganyl Diselenides and N â€Arylpropargylamines by Sequential Carbonâ€Carbon and Carbonâ€Selenium Bond Formation. Advanced Synthesis and Catalysis, 2019, 361, 96-104.	4.3	27
30	Synthesis of symmetric N,O-donor ligands derived from pyridoxal (vitamin B6): DFT studies and structural features of their binuclear chelate complexes with the oxofilic uranyl and vanadyl(V) cations. Inorganica Chimica Acta, 2014, 412, 6-14.	2.4	26
31	Expedient Iodocyclization Approach Toward Polysubstituted 3Hâ€Benzo[e]indoles. Advanced Synthesis and Catalysis, 2015, 357, 3255-3261.	4.3	26
32	Unconventional Method for Synthesis of 3-Carboxyethyl-4-formyl(hydroxy)-5-aryl-N-arylpyrazoles. Journal of Organic Chemistry, 2017, 82, 12590-12602.	3.2	25
33	Cyclization of Thiopropargyl Benzimidazoles by Combining Iron(III) Chloride and Diorganyl Diselenides. Journal of Organic Chemistry, 2019, 84, 14113-14126.	3.2	25
34	Synthesis of 3-(Organochalcogen) Chalcogenazolo Indoles via Cascade Cyclization of N-Alkynylindoles. Journal of Organic Chemistry, 2019, 84, 2891-2900.	3.2	25
35	Metallation of Ligands with Biological Activity: Synthesis and X-Ray Characterization of [UO2(PN)2(H2O)]Cl2{PN = vitamin B6 pyridoxine[2-methyl-3-hydroxy-4, 5-bis(hydroxymethyl) pyridine]}. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 878-881.	1.2	23
36	Potassium tert-Butoxide Promoted Annulation of 2-Alkynylphenyl Propargyl Ethers: Selective Synthesis of Benzofuran and 12H-Benzoannulene Derivatives. Journal of Organic Chemistry, 2013, 78, 11017-11031.	3.2	23

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37	Diorganyl Dichalcogenides-Promoted Nucleophilic Closure of 1,4-Diyn-3-ols: Synthesis of 2-Benzoyl Chalcogenophenes. Journal of Organic Chemistry, 2015, 80, 12470-12481.	3.2	23
38	Synthesis and structural characterization of new heteroleptic copper(I) complexes based on mixed phosphine/thiocarbamoyl-pyrazoline ligands. Polyhedron, 2017, 121, 185-190.	2.2	23
39	Selenium-promoted electrophilic cyclization of arylpropiolamides: synthesis of 3-organoselenyl spiro[4,5]trienones. Organic and Biomolecular Chemistry, 2020, 18, 3544-3551.	2.8	23
40	The first gold(I) complexes based on thiocarbamoyl-pyrazoline ligands: Synthesis, structural characterization and photophysical properties. Polyhedron, 2013, 63, 9-14.	2.2	22
41	Synthesis and structural features of UVI and VIV chelate complexes with (hhmmbH)ClÂ·H2O [hhmmb = {3-hydroxyl-5-(hydroxymethyl)-2-methylpyridine-4-yl-methylene}benzohydrazide], a new Schiff base ligand derived from vitamin B6. Journal of Molecular Structure, 2009, 935, 151-155.	3.6	21
42	Copperâ€Catalyzed Coupling of (Eâ€Bromostilbene with Phenols/Azole: ESIâ€MS Detection of Intermediates by Using an Ionicallyâ€Tagged Ligand. Advanced Synthesis and Catalysis, 2012, 354, 1429-1436.	4.3	20
43	Antibacterial, Antifungal, Phytotoxic, and Genotoxic Properties of Two Complexes of Ag^I with Sulfachloropyridazine (SCP): Xâ€ray Diffraction of [Ag(SCP)]_n. ChemMedChem, 2014, 9, 1211-1220.	3.2	20
44	Adding Remnant Magnetization and Anisotropic Exchange to Propellerâ€like Singleâ€Molecule Magnets through Chemical Design. Chemistry - A European Journal, 2014, 20, 13681-13691.	3.3	20
45	Complexes of vanadyl and uranyl ions with a benzoxazole derivative: Synthesis, structural features and remarks on luminescence properties. Inorganica Chimica Acta, 2010, 363, 807-812.	2.4	19
46	An eco-friendly synthesis of novel 3,5-disubstituted-1,2-isoxazoles in PEG-400, employing the Et₃N-promoted hydroamination of symmetric and unsymmetric 1,3-diyne-indole derivatives. RSC Advances, 2014, 4, 60785-60797.	3.6	19
47	SOD activity of new copper II complexes with ligands derived from pyridoxal and toxicity in Caenorhabditis elegans. Journal of Inorganic Biochemistry, 2020, 204, 110950.	3.5	19
48	Chelation of ThIV, EuIII and NdIII by dianionic N,Nâ€²-bis(pyridoxylideneiminato)ethylene, (Pyr2en)2âˆ’. On the search of feasible modelings for heavy metals damage inhibition in living beings. Journal of Inorganic Biochemistry, 2007, 101, 709-714.	3.5	18
49	Assembly of new Schiff base ligands derived from vitamin B6 and stabilization through complexation of N,Nâ€²-bis-(pyridoxylideneimine)-o-phenylene: Synthesis and X-ray structural features of pyridoxal/o-phenylenediamine adducts and of [UO2(H2pyr2phen)Cl]NO3 and [UO2(Hpyr2phen)Cl] {pyr2phen=N,Nâ€²-bis-(pyridoxylideneiminato)2âˆ’phenylene}. Polyhedron, 2008, 27, 2551-2556.	2.2	18
50	Non-oxo vanadium(iv) alkoxide chemistry: solid state structures, aggregation equilibria and thermochromic behaviour in solution. Dalton Transactions, 2011, 40, 3198.	3.3	18
51	Three-dimensional triazenido layers attained through classical and non-classical hydrogen interactions and its coordination to palladium under prolific occurrence of bifurcated hydrogen bonding. Polyhedron, 2012, 31, 558-564.	2.2	18
52	Regiochemical Control of Pyrazoles by Solvent and Î²â€Enamino Diketone Structure: Regioselective Synthesis of 4,5â€Disubstituted Nâ€Phenylpyrazoles. Asian Journal of Organic Chemistry, 2017, 6, 627-633.	2.7	18
53	Pyridoxal derivatized copper(II) complexes: Evaluation of antioxidant, catecholase, and DNA cleavage activity. Inorganica Chimica Acta, 2018, 469, 561-575.	2.4	18
54	Chemical composition, antimicrobial and antimycobacterial activities of Aristolochia triangularis Cham. from Brazil. Industrial Crops and Products, 2018, 121, 461-467.	5.2	18

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55	Coordination of Zn(II), Pd(II) and Pt(II) with ligands derived from diformylpyridine and thiosemicarbazide: Synthesis, structural characterization, DNA/BSA binding properties and molecular docking analysis. Inorganica Chimica Acta, 2019, 496, 119049.	2.4	18
56	Sonochemical synthesis of highly luminescent silver complexes: Photophysical properties and preliminary in vitro antitumor and antibacterial assays. Inorganica Chimica Acta, 2019, 492, 235-242.	2.4	18
57	New chelate complexes of trivalent Y and lanthanides (Eu, Ho, Yb) with a triazene N-oxide: Synthesis, structural characterization and luminescence properties. Inorganica Chimica Acta, 2011, 366, 203-208.	2.4	17
58	Ruthenium-carbonyl complexes with P/O or P/N donor ligands: Effect of the chelate ring size and donor atom. Polyhedron, 2012, 42, 207-215.	2.2	17
59	Mixed phosphine/diimines and/or amines ruthenium carbonyl complexes: Synthesis, characterization and transfer-hydrogenation. Polyhedron, 2013, 62, 75-82.	2.2	17
60	Synthesis of 2â€Acylselenophenes via Iodineâ€Promoted Nucleophilic Cyclization of [2â€(Butylselanyl)phenyl]â€propynols. Advanced Synthesis and Catalysis, 2015, 357, 3655-3665.	4.3	17
61	One-pot synthesis, structural characterization, UVâ€“Vis and electrochemical analyses of new Schiff base complexes of Fe(III), Ni(II) and Cu(II). Journal of Molecular Structure, 2015, 1100, 264-271.	3.6	17
62	Piperazine derivatives: Synthesis, inhibition of the Mycobacterium tuberculosis enoyl-acyl carrier protein reductase and SAR studies. European Journal of Medicinal Chemistry, 2015, 90, 436-447.	5.5	17
63	Synthesis of Chromeno[4,3â€b]pyrrolâ€4(1H)â€ones, from Î²â€Nitroalkenes and 4â€Phenylaminocoumarins, under Solventâ€“free Conditions. ChemistrySelect, 2017, 2, 1297-1304.	1.5	17
64	Iodine-mediated regioselective 5-endo-dig electrophilic cyclization reaction of selenoenynes: synthesis of selenophene derivatives. Organic Chemistry Frontiers, 2017, 4, 277-282.	4.5	17
65	Synthesis and electrochemical and antioxidant properties of chalcogenocyanate oxadiazole and 5-heteroarylchalcogenomethyl-1H-tetrazole derivatives. New Journal of Chemistry, 2017, 41, 5875-5883.	2.8	17
66	Iron(III) Chloride/Dialkyl Diselenidesâ€Promoted Cascade Cyclization of orthoâ€Diynyl Benzyl Chalcogenides. Advanced Synthesis and Catalysis, 2019, 361, 1866-1873.	4.3	17
67	Synthesis, structure and SOD activity of Mn complexes with symmetric Schiff base ligands derived from pyridoxal. Polyhedron, 2015, 102, 176-184.	2.2	16
68	Copper/Palladiumâ€Catalyzed Cyclization/Crossâ€Coupling Cascade Reaction of 2â€gemâ€Dibromovinyl Aryl Selenides: Synthesis of 2â€Substituted Benzo[b]selenophenes. Advanced Synthesis and Catalysis, 2017, 359, 4208-4216.	4.3	16
69	Oxazolidine copper complexes: Synthesis, characterization and superoxide dismutase activity of copper(II) complexes with oxazolidine ligands derived from hydroxyquinoline carboxaldehyde. Applied Organometallic Chemistry, 2018, 32, e4218.	3.5	16
70	Development of methodologies for the regioselective synthesis of four series of regioisomer isoxazoles from Î²-enamino diketones. RSC Advances, 2018, 8, 4773-4778.	3.6	16
71	Sulfamethoxazole derivatives complexed with metals: a new alternative against biofilms of rapidly growing mycobacteria. Biofouling, 2018, 34, 893-911.	2.2	16
72	Phytochemical and antimicrobial study of Pilocarpus pennatifolius Lemaire. FÃ¬toterapÃ¬Ã¢, 2018, 131, 1-8.	2.2	16

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73	Improving the use of mercury bis(phenyltellurolate) as efficient start for the synthesis of ternary clusters and polymers. Polyhedron, 2008, 27, 3255-3258.	2.2	15
74	Chelation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mrow><mml:msubsup><mml:mrow><mml:mtext>UO</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</m and ThIV by N,Nâ€²-bis(pyridoxylideneiminato)R (R =n-propyl, diethylamine), new dianionic Schiff bases derived from vitamin B6: Synthesis and structural features of [Th(pyr2pen)2] (pen =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 687 Td (1,3-p	3.5	15
75	Chalcogenoalkynes: Precursors for the Regioselective Preparation of 2â€Chalcogenoâ€1â€halonaphthalenes through [4+2] Cycloaddition. European Journal of Organic Chemistry, 2012, 2012, 4574-4579.	2.4	15
76	Ruthenium (II) complexes containing 2-mercaptothiazolinates as ligands and evaluation of their antimicrobial activity. Inorganica Chimica Acta, 2015, 436, 152-158.	2.4	15
77	SeCl₂-Mediated Approach Toward Indole-Containing Polysubstituted Selenophenes. Journal of Organic Chemistry, 2018, 83, 3252-3264.	3.2	15
78	A Rare Example of Four-Coordinate Nonoxido Vanadium(IV) Alkoxide in the Solid State: Structure, Spectroscopy, and Magnetization Dynamics. Inorganic Chemistry, 2018, 57, 11393-11403.	4.0	15
79	Synthesis of Pyridazinones through the Copper(I)â€Catalyzed Multicomponent Reaction of Aldehydes, Hydrazines, and Alkynylesters. Chemistry - A European Journal, 2014, 20, 12663-12668.	3.3	14
80	Potassium tert-Butoxide-Catalyzed Synthesis of Benzofuroazepines via Cyclization of (2-Alkynylbenzyl)oxy Nitriles. Journal of Organic Chemistry, 2015, 80, 10278-10287.	3.2	14
81	Theoretical and experimental investigation of the polyeletrophilic Î²-enamino diketone: straightforward and highly regioselective synthesis of 1,4,5-trisubstituted pyrazoles and pyrazolo[3,4-d]pyridazinones. RSC Advances, 2016, 6, 290-302.	3.6	14
82	One-Pot Highly Regioselective Synthesis of Î±-Ketoamide N-Arylpyrazoles from Secondary Î²-Enamino Diketones. Organic Letters, 2019, 21, 6325-6328.	4.6	14
83	New oxidovanadium(V) complexes of the cation [VO]3+: Synthesis, structural characterization and DFT studies. Polyhedron, 2012, 36, 21-29.	2.2	13
84	New dioxidouranium (VI) and mixed-valence oxidovanadium (IV/V) coordination compounds with N,O-pentadentate ligands obtained from pyridoxal and triethylenetetramine. Inorganica Chimica Acta, 2015, 428, 163-169.	2.4	13
85	Synthesis, characterization and phosphatase inhibitory activity of dioxidovanadium(V) complexes with Schiff base ligands derived from pyridoxal and resorcinol. Polyhedron, 2017, 130, 184-194.	2.2	13
86	Bis(diphenylphosphino)amines-containing ruthenium cymene complexes as potential anti-Mycobacterium tuberculosis agents. Journal of Inorganic Biochemistry, 2017, 173, 134-140.	3.5	13
87	New heterobimetallic ruthenium (II) complexes [Ru(N-S)(bipy)(dppf)]PF6: Synthesis, molecular structure, electrochemistry, DFT, antioxidant and antibacterial potential. Journal of Organometallic Chemistry, 2017, 846, 326-334.	1.8	13
88	Threeâ€Step Oneâ€Pot Synthesis of Imidazo[2,1â€b]chalcogenazoles via Intramolecular Cyclization of Nâ€Alkynylimidazoles. Advanced Synthesis and Catalysis, 2012, 354, 1791-1796.	4.3	12
89	Ironâ€Mediated Cyclization of 1,3â€Diynyl Propargyl Aryl Ethers with Dibutyl Diselenide: Synthesis of Selenopheneâ€Fused Chromenes. Advanced Synthesis and Catalysis, 2020, 362, 1096-1105.	4.3	12
90	New regioselective synthesis of polyfunctionalized 3-ferrocenyl-1 H -pyrroles under microwave irradiation. Tetrahedron Letters, 2016, 57, 4568-4573.	1.4	11

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91	Synthesis and structural characterization of cadmium(II) complexes with chelating keto-hydroxy compounds: The X-ray molecular structure of [Cd2(nq)4(H2O)4]Â·3H2O (nqH =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 737 T	2.2	10
92	Synthesis and crystal structure of chalcogenide cluster compound. Journal of the Brazilian Chemical Society, 2010, 21, 1230-1236.	0.6	10
93	Synthesis, characterization and chemical properties of 1-((E)-2-pyridinylmethylidene)semicarbazone manganese(II) and iron(II) complexes. Journal of Molecular Structure, 2012, 1008, 35-41.	3.6	9
94	Synthesis of a New Polyfunctionalised Pyrimidine-4-carboxylate and Its Application for the Construction of a Series of Pyrimidine Derivatives. Synthesis, 2016, 48, 3042-3049.	2.3	9
95	Evaluation of the Antioxidant Activity of Copper(II) Complexes containing Trisâ€(hydroxymethyl)aminomethane (TRIS) Units. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 1192-1197.	1.2	9
96	Synthesis and anticholinesterase activity of 2-substituted-N-alkynylindoles. Organic and Biomolecular Chemistry, 2018, 16, 7926-7934.	2.8	9
97	In vitro tyrosinase, acetylcholinesterase, and HSA evaluation of dioxidovanadium (V) complexes: An experimental and theoretical approach. Journal of Inorganic Biochemistry, 2019, 200, 110800.	3.5	9
98	Synthesis of 3â€Substituted Chalcogenopheneâ€Fused Indoles from 2â€Alkynylindoles. Advanced Synthesis and Catalysis, 2020, 362, 585-593.	4.3	9
99	Reversible Transamination of Alanine with Pyridoxal (Vitamin B6) in the Presence of the UO22+ Ion: Synthesis and X-ray Characterization of [(UO2PmHpyr)3(Î¼3-O)]ClÂ·3H2O (PmHpyr = Pyridoxaminylpiruvate) Tj ETQq1 1 0.784314 rgB	1.2	8
100	Base-mediated intramolecular cyclization of (2-propargyl ether) arylimines: an approach to 3-amino-benzofurans. Tetrahedron, 2014, 70, 3751-3756.	1.9	8
101	Structural Characterization and Biological Evaluation of 18â€Norâ€ent â€labdane Diterpenoids from Grazielia gaudichaudeana. Chemistry and Biodiversity, 2019, 16, e1800644.	2.1	8
102	1-(2-biphenyl)-3-methyltriazenide-N-oxide as a template for intramolecular copper(II)â‹¯arene-Ï€ interactions. Journal of Molecular Structure, 2016, 1104, 79-84.	3.6	7
103	Regiochemistry of cyclocondensation reactions in the synthesis of polyazaheterocycles. Beilstein Journal of Organic Chemistry, 2017, 13, 257-266.	2.2	7
104	Stabilization of substituted triazene oxides by lanthanides chelation: Synthesis, TGA evaluations and X-ray structural features of [MIII{O2NPhNNN(O)Ph}4](Et3NH)Â·H2O (M = La3+, Dy3+; Et = C2H5). Journal of Molecular Structure, 2009, 928, 85-88.	3.6	6
105	Synthesis, X-ray structural features, DFT calculations and fluorescence studies of a new pyridoxal-benzimidazole ligand and its respective molybdenum complex. New Journal of Chemistry, 2014, 38, 3092-3101.	2.8	6
106	New manganese(II) and nickel(II) coordination compounds with N,O-polydentate ligands obtained from pyridoxal and tripodal units. Journal of Molecular Structure, 2016, 1120, 163-170.	3.6	6
107	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
108	Peroxidase activity of new mixedâ€valence cobalt complexes with ligands derived from pyridoxal. Applied Organometallic Chemistry, 2019, 33, e4903.	3.5	6

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109	On the search of size- and shape-controlled metal chalcogenide cluster compounds. Journal of Organometallic Chemistry, 2010, 695, 1966-1971.	1.8	5
110	Synthesis and Xâ€ray Structural Characterization of the Polymeric Cluster Compound [Hg₃(O₂SePh)(SePh)₅]_n. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1501-1503.	1.2	5
111	Synthesis and Structural Features of New Schiff Base Complexes of Mononuclear Mn^{IV}, Dinuclear Co^{II}Co^{III}, and Tetranuclear Cu^{II}. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 941-947.	1.2	5
112	Synthesis of Naphthofurans by tBuOKâ€Catalyzed Intramolecular Anionic Cycloaddition of Unsymmetrical Bisâ€propargyl Ethers. European Journal of Organic Chemistry, 2015, 2015, 6924-6931.	2.4	5
113	A facile preparation of two new isostructural metalâ€“organochalcogen clusters from simple starting materials: Sonochemical synthesis, X-ray structures and spectroscopic remarks. Inorganica Chimica Acta, 2012, 392, 103-107.	2.4	4
114	On the synthesis and structural analysis of some coordination polymers derived from Hg(TeAr)2 involving dithio ligands. Polyhedron, 2013, 50, 467-472.	2.2	4
115	Electrophilic cyclization of homopropargyl tellurides: Synthesis and supramolecular structures of 2-aryl-3-iodo-1-phenyl-tellurophenium iodides and polyiodides. Polyhedron, 2014, 73, 45-50.	2.2	4
116	Asymmetric and symmetric triazenido cyclopalladated complexes: Synthesis, structural analysis and DFT calculations. Journal of Molecular Structure, 2015, 1083, 311-318.	3.6	4
117	Pro-oxidant activity of nickel (II) pyridoxal complexes. Synthesis, characterization and peroxidase activity assays. Inorganic Chemistry Communication, 2015, 62, 55-59.	3.9	4
118	Studies on the Ru(II) monocationic complexes [RuCl2(NO)(Pâ€“N)(PR3)]PF6, where Pâ€“N =o-diphenylphosphino-N,N-dimethylaniline, and R = Ph and p-X-C6H4 (X = OMe, Me, F). Inorganica Chimica Acta, 2017, 454, 40-45.	2.4	4
119	2,2â€²-Dihydroxy-N,Nâ€²-(ethane-1,2-diyl)dibenzamide. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o201-o201.	0.2	4
120	Unexpected Formation of Bis(hydrazinecarboximidamide) via Ultrasound Promoted Rearrangement of Epoxy Ketone. Orbital, 2017, 9, .	0.3	3
121	The first supramolecular-assembling structure of [PbII {O2N(C6H4)NNN(O)Ph}2] through metalâ€“Ï·6arene Ï€-interactions: Synthesis andÂX-ray characterization of aryl-substituted triazenide lead(II) complex. Journal of Organometallic Chemistry, 2014, 752, 12-16.	1.8	2
122	Self-association synthesis with ortho-vanillin to promote mono- and heptanuclear complexes and their evaluation as antioxidant agents. Journal of Molecular Structure, 2022, 1256, 132480.	3.6	2
123	Two new copper(II) polyamine compounds: Synthesis, characterization and crystal structure. Inorganica Chimica Acta, 2009, 362, 346-350.	2.4	1
124	Efficient and Highly Selective Method for the Synthesis of 4-Iodo-3-substituted 1H-Isoselenochromenes and -isothiochromenes. Synthesis, 2011, 2011, 413-418.	2.3	1
125	Ruthenium nitrosyl complexes [RuCl3(NO)(Pâ€“N)] bearing an oxazoline-derived Pâ€“N ligand (PHOX). Transition Metal Chemistry, 2015, 40, 363-370.	1.4	1
126	Crystal structure of 4-formylpyridine semicarbazone hemihydrate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o317-o318.	0.5	1

#	Article	IF	Citations
127	Stereoselective Synthesis of Zâ€Vinyl Selenides Through the Reaction of Sodium Selenide with Organic Halides and Alkynes. European Journal of Organic Chemistry, 2019, 2019, 3794-3798.	2.4	1
128	Triphosphines-containing ruthenium-acetato complexes: Synthesis, characterization, DFT, mer/fac isomerization and formic acid dehydrogenation. Journal of Molecular Structure, 2020, 1200, 127129.	3.6	1
129	Helical water-soluble NiII complexes with pyridoxal ligand derivatives: Structural evaluation and interaction with biomacromolecules. Journal of Inorganic Biochemistry, 2021, 215, 111307.	3.5	1
130	Crystal structure of (Z)-2-(5-fluoro-2-oxoindolin-3-ylidene)hydrazinecarbothioamide. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o383-o384.	0.5	0