Carola Schulzke

List of Publications by Year
in descending order

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175 papers	4,071 citations	126907 33 h-index	168389 53 g-index
198 all docs	198 docs citations	198 times ranked	3637 citing authors

#	Article	IF	Citations
1	Synthesis, characterization, antioxidant, antileishmanial, anticancer, DNA and theoretical SARS-CoV-2 interaction studies of copper(II) carboxylate complexes. Journal of Molecular Structure, 2022, 1253, 132308.	3.6	11
2	Activation of O₂ across a C(sp³)â€“C(sp³) bond. Chemical Communications, 2022, 58, 3122-3125.	4.1	0
3	Disclosing Cyclic(Alkyl)(Amino)Carbenes as Oneâ€Electron Reductants: Synthesis of Acyclic(Amino)(Aryl)Carbeneâ€Based KekulÃ© Diradicaloids. Chemistry - A European Journal, 2022, 28, .	3.3	13
4	An Air-Stable Alkene-Derived Organic Radical Cation. ACS Omega, 2022, 7, 837-843.	3.5	2
5	Inspired by Natureâ€”Functional Analogues of Molybdenum and Tungsten-Dependent Oxidoreductases. Molecules, 2022, 27, 3695.	3.8	7
6	1,3,5â€Triazaâ€7â€phosphaadamantane (PTA) Derived Caged Phosphines for Palladiumâ€Catalyzed Selective Functionalization of Nucleosides and Heteroarenes. Chemical Record, 2021, 21, 188-203.	5.8	7
7	Tethered CAACâ€“CAAC dimers: oxidation to persistent radical cations and bridging-unit dependent reactivity/stability of the dications. Chemical Communications, 2021, 57, 1210-1213.	4.1	16
8	Towards operando IRâ€and UVâ€visâ€Spectroâ€Electrochemistry: A Comprehensive Matrix Factorisation Study on Sensitive and Transient Molybdenum and Tungsten Monoâ€Dithiolene Complexes**. Chemistry Methods, 2021, 1, 22-35.	3.8	7
9	A computational probe granting insight into intra and inter-stacking interactions in squaraine dye derivatives. Physical Chemistry Chemical Physics, 2021, 23, 22404-22417.	2.8	0
10	Synthesis and reactivity of NHC-coordinated phosphinidene oxide. Chemical Communications, 2021, 57, 9546-9549.	4.1	5
11	Synthesis and crystal structure analyses of tri-substituted guanidine-based copper(II) complexes. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 193-199.	0.7	0
12	Aiding a Better Understanding of Molybdopterin: Syntheses, Structures, and pKa Value Determinations of Varied Pterin-Derived Organic Scaffolds Including Oxygen, Sulfur and Phosphorus Bearing Substituents. Journal of Molecular Structure, 2021, 1230, 129867.	3.6	4
13	Molecular structure of fac-[Mo(CO)₃(DMSO)₃]. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 583-587.	0.5	0
14	Crystal structure and quantum chemical calculations of (E)1â€benzylâ€3â€((4â€methoxyphenyl)imino)â€5â€methylindolinâ€2â€one. Journal of Heterocyclic Chemistry, 2021, 58, 1601-1609.	2.6	2
15	Syntheses, crystal structures, antioxidant, in silico DNA and SARS-CoV-2 interaction studies of triorganotin(IV) carboxylates. Journal of Molecular Structure, 2021, 1234, 130190.	3.6	8
16	Î±,Î±â€²-Diamino-p-tetrafluoroquinodimethane: Stability of One- and Two-Electron Oxidized Species and Fixation of Molecular Oxygen. Journal of Organic Chemistry, 2021, 86, 10467-10473.	3.2	8
17	Comprehensive Evaluation of Biological Effects of Pentathiepins on Various Human Cancer Cell Lines and Insights into Their Mode of Action. International Journal of Molecular Sciences, 2021, 22, 7631.	4.1	4
18	Twisted Pushâ€“Pull Alkenes Bearing Geminal Cyclicdiamino and Difluoroaryl Substituents. Journal of Organic Chemistry, 2021, 86, 12683-12692.	3.2	9

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19	Reduction induced S-nucleophilicity in mono-dithiolene molybdenum complexes - in situ generation of sulfonium ligands. Chemical Communications, 2021, 57, 12615-12618.	4.1	1
20	Facile Oneâ€Pot Assembly of Pushâ€“Pull Imines by a Selective Câ€“F Substitution Process in Aryl Fluorides. European Journal of Organic Chemistry, 2020, 2020, 7445-7449.	2.4	3
21	Quinoxaline-anellated N,NÂ´-dialkylimidazolium salts and iPr2quinox-NHC-Pd halide complexes. Journal of Organometallic Chemistry, 2020, 926, 121487.	1.8	2
22	Versatility of the bis(iminopyrrolylmethyl)amine ligand: tautomerism, protonation, helical chirality, and the secondary coordination sphere with halogen bonds in the formation of copper(<scp>ii</scp>) and nickel(<scp>ii</scp>) complexes. Dalton Transactions, 2020, 49, 13840-13853.	3.3	13
23	Activation of Aromatic Câˆ’F Bonds by a Nâ€Heterocyclic Olefin (NHO). Chemistry - A European Journal, 2020, 26, 5951-5955.	3.3	18
24	CAACâ€Based Thiele and Schlenk Hydrocarbons. Angewandte Chemie, 2020, 132, 6795-6800.	2.0	5
25	Molecular enneanuclear Cu^{II} phosphates containing planar hexanuclear and trinuclear sub-units: syntheses, structures, and magnetism. Dalton Transactions, 2020, 49, 2527-2536.	3.3	4
26	N,Nâ€²â€Ethyleneâ€Bridged Bisâ€2â€Arylâ€Pyrrolinium Cations to Eâ€Diaminoalkenes: Nonâ€Identical Stepwise Reversible Doubleâ€Redox Coupled Bond Activation Reactions. Chemistry - A European Journal, 2020, 26, 4425-4431.	3.3	11
27	CAACâ€Based Thiele and Schlenk Hydrocarbons. Angewandte Chemie - International Edition, 2020, 59, 6729-6734.	13.8	26
28	Carbazoleâ€Based Nâ€Heterocyclic Carbenes for the Promotion of Copperâ€Catalyzed Palladiumâ€Free Homoâ€/Heteroâ€Coupling of Alkynes and Sonogashira Reactions. Asian Journal of Organic Chemistry, 2020, 9, 274-291.	2.7	6
29	Pentathiepins: A Novel Class of Glutathione Peroxidase 1 Inhibitors that Induce Oxidative Stress, Loss of Mitochondrial Membrane Potential and Apoptosis in Human Cancer Cells. ChemMedChem, 2020, 15, 1515-1528.	3.2	24
30	A Mixed-Valence Tetra-Nuclear Nickel Dithiolene Complex: Synthesis, Crystal Structure, and the Lability of Its Nickel Sulfur Bonds. Inorganics, 2020, 8, 27.	2.7	3
31	PH-Functional and P-(Î±-hydroxy)benzyl-2-phenyl-1,3-oxaphospholanes â€“ Synthesis, reactivity and structural aspects. Polyhedron, 2019, 170, 731-741.	2.2	3
32	Syntheses, crystal structures and DNA binding potential of copper(II) carboxylates. Journal of Molecular Structure, 2019, 1196, 771-782.	3.6	10
33	An Asymmetrically Substituted Aliphatic Bis-Dithiolene Mono-Oxido Molybdenum(IV) Complex With Ester and Alcohol Functions as Structural and Functional Active Site Model of Molybdoenzymes. Frontiers in Chemistry, 2019, 7, 486.	3.6	8
34	A paddle wheel dinuclear Copper(II) carboxylate: Crystal structure, thermokinetic and magnetic properties. Journal of Molecular Structure, 2019, 1196, 754-759.	3.6	18
35	Structural Diversity in Supramolecular Organization of Anionic Phosphate Monoesters: Role of Cations. ACS Omega, 2019, 4, 2118-2133.	3.5	6
36	Comparison of molybdenum and rhenium oxo bis-pyrazine-dithiolene complexes â€“ in search of an alternative metal centre for molybdenum cofactor models. Dalton Transactions, 2019, 48, 2701-2714.	3.3	10

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37	Pd/PTABS: Low-Temperature Thioetherification of Chloro(hetero)arenes. Journal of Organic Chemistry, 2019, 84, 8921-8940.	3.2	28
38	Influence of N-Substitution on the Formation and Oxidation of NHCâ€“CAAC-Derived Triazaalkenes. Journal of Organic Chemistry, 2019, 84, 8899-8909.	3.2	17
39	Modulation of the nuclearity of molecular Mg(<scp>ii</scp>)-phosphates: solid-state structural change involving coordinating solvents. Dalton Transactions, 2019, 48, 8853-8860.	3.3	3
40	Photochemical Unmasking of 1,3â€Dithiolâ€2â€ones: An Alternative Route to Heteroleptic Dithiolene Complexes from Lowâ€Valent Molybdenum and Tungsten Precursors. European Journal of Inorganic Chemistry, 2019, 2019, 2796-2805.	2.0	11
41	Amido-functionalized N-Heterocyclic carbene ligands and corresponding PalladiumComplexes: Synthesis, characterization and catalytic activity. Journal of Organometallic Chemistry, 2019, 888, 44-53.	1.8	3
42	Experimental and in silico DNA binding studies with easily accessible and stable zinc(II) carboxylates. Journal of Molecular Structure, 2019, 1187, 98-107.	3.6	1
43	Solvent-assisted monomeric molecular structure of the phosphate diester and the synthesis of menthol-based phosphate diesters. Journal of Chemical Sciences, 2019, 131, 1.	1.5	2
44	Crystal structure of 7,8,15,16,17-pentathiadispiro[5.2.5⁹.3⁶]heptadecane. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 888-891.	0.5	1
45	Crystal structure of benzo[h]quinoline-3-carboxamide. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1828-1832.	0.5	2
46	An Active Palladium Colloidal Catalyst for the Selective Oxidative Heterocoupling of (Hetero)Aryl Boronic Acids. Chemistry - an Asian Journal, 2018, 13, 2489-2498.	3.3	7
47	Crystal structure of 4-(pyrazin-2-yl)morpholine. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 137-140.	0.5	2
48	Crystal structure of the triethylammonium salt of 3-[(4-hydroxy-3-methoxyphenyl)(4-hydroxy-2-oxo-2H-chromen-3-yl)methyl]-2-oxo-2H-chromen-4-olate. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 282-286.	0.5	2
49	Pd/PTABS: Catalyst for Room Temperature Amination of Heteroarenes. Organic Letters, 2018, 20, 473-476.	4.6	49
50	Synthesis, crystal structure, DNA binding and molecular docking studies of zinc(II) carboxylates. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 190, 368-377.	3.9	17
51	Pd/PTABS: Low Temperature Etherification of Chloroheteroarenes. Journal of Organic Chemistry, 2018, 83, 13088-13102.	3.2	32
52	Neutral and anionic phosphate-diesters as molecular templates for the encapsulation of a water dimer. Chemical Communications, 2018, 54, 11913-11916.	4.1	12
53	Pd/PTABS: An Efficient Waterâ€Soluble Catalytic System for the Amination of 6â€Chloropurine Ribonucleoside and Synthesis of Alogliptin. Current Protocols in Nucleic Acid Chemistry, 2018, 74, e58.	0.5	13
54	Synthesis of 9-arylalkynyl- and 9-aryl-substituted benzo[b]quinolizinium derivatives by Palladium-mediated cross-coupling reactions. Beilstein Journal of Organic Chemistry, 2018, 14, 1871-1884.	2.2	2

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55	The crystal structure of 4-tert-butyl-Nâ€²-[(E)-(4-fluoro-3-methoxyphenyl)methylidene]benzohydrazide, C₁₉H₂₁F₁N₂O₂. Zeitschrift Fur Kristallographie - New Crystal Structures, 2018, 233, 643-645.	0.3	2
56	Stille Cross-Coupling Reaction: Early Years to the Current State of the Art. , 2018, , 19-36.		6
57	Crystal structure of 8-(4-methylphenyl)-2â€²-deoxyadenosine hemihydrate. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 1-5.	0.5	1
58	Crystal structures of 4,4â€²-(disulfane-1,2-diyl)bis(5-methyl-2H-1,3-dithiol-2-one) and 4,4â€²-(diselanane-1,2-diyl)bis(5-methyl-2H-1,3-dithiol-2-one). Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 840-845.	0.5	1
59	Crystal structure of 1-ethyl-3-(2-oxo-1,3-dithiol-4-yl)quinoxalin-2(1H)-one. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 901-904.	0.5	1
60	Crystal structure of 1-butyl-3-{2-[(indan-5-yl)amino]-2-oxoethyl}-1H-imidazol-3-ium chloride. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 1665-1668.	0.5	0
61	Preparation of bis(5-phenyltetrazolato) Pt(II) and Pt(IV) analogues of transplatin and in vitro evaluation for antitumor activity. Inorganica Chimica Acta, 2017, 456, 86-94.	2.4	6
62	The unexpected formation of a triselenide from 4-methyl-5-tri- n -butylstannyl-1,3-dithiol-2-one and selenium dioxide. Inorganic Chemistry Communication, 2017, 77, 80-82.	3.9	4
63	3-Phenylphosphaprolines â€“ Synthesis, structure and properties of heterocyclic Î±-phosphanyl amino acids. Polyhedron, 2017, 130, 195-204.	2.2	6
64	Synthesis, characterization and oxygen atom transfer reactivity of a pair of Mo(<scp>iv</scp>)O- and Mo(<scp>vi</scp>)O₂-enedithiolate complexes â€“ a look at both ends of the catalytic transformation. Dalton Transactions, 2017, 46, 7523-7533.	3.3	19
65	Threeâ€Component Aminoalkylations Yielding Dihydronaphthoxazineâ€Based Sirtuin Inhibitors: Scaffold Modification and Exploration of Space for Polar Sideâ€Chains. Archiv Der Pharmazie, 2017, 350, e1700097.	4.1	16
66	Stepwise Reversible Oxidation of N-Peralkyl-Substituted NHCâ€“CAAC Derived Triazaalkenes: Isolation of Radical Cations and Dications. Organic Letters, 2017, 19, 5605-5608.	4.6	34
67	2,6-(Diphenylmethyl)-Aryl-Substituted Neutral and Anionic Phosphates: Approaches to H-Bonded Dimeric Molecular Structures. ChemistrySelect, 2017, 2, 8898-8910.	1.5	10
68	NHC-stabilized 1-hydrosilaimine: synthesis, structure and reactivity. Chemical Communications, 2017, 53, 8592-8595.	4.1	7
69	Benzo/Naphthoâ€Anellated Dihydroâ€1,2â€oxaphosphinines and Ringâ€Opening to Pâ€Tertiary 2â€Phosphanylâ€1,1â€²â€biarylâ€2â€ol Derivatives â€“ Syntheses and Structures. European Journal of Inorganic Chemistry, 2017, 2017, 3580-3586.	2.0	2
70	Synthesis of Cu-catalysed quinazolinones using a C_{sp3}â€“H functionalisation/cyclisation strategy. Organic and Biomolecular Chemistry, 2017, 15, 7140-7146.	2.8	36
71	Palladacycle-Catalyzed Triple Suzuki Coupling Strategy for the Synthesis of Anthracene-Based OLED Emitters. ACS Omega, 2017, 2, 3144-3156.	3.5	16
72	Structural, thermal kinetics and thermodynamics study of new mixed ligand zinc complexes. Journal of Thermal Analysis and Calorimetry, 2017, 128, 627-637.	3.6	5

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73	Crystal structure of 5-(dibenzofuran-4-yl)-2â€²-deoxyuridine. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 1493-1496.	0.5	0
74	Synthesis, chemical behavior, structure elucidation and iNOS inhibitory activity of 1-substituted 3-methylsulfanyl-5,6,7,8-tetrahydro-1-[1,2,4]triazolo[1,2-]pyridazines. Die Pharmazie, 2017, 72, 371-382.	0.5	0
75	Selective Capture of Ni2+Ions by Naphthalene- and Coumarin-Substituted Dithiolenes. European Journal of Inorganic Chemistry, 2016, 2016, 208-218.	2.0	12
76	Novel water-soluble phosphatriazenes: versatile ligands for Suzukiâ€“Miyaura, Sonogashira and Heck reactions of nucleosides. RSC Advances, 2016, 6, 83820-83830.	3.6	37
77	Assembly of NHC-stabilized 2-hydrophosphasilenes from Si(<scp>iv</scp>) precursors: a Lewis acidâ€“base complex. Dalton Transactions, 2016, 45, 19290-19298.	3.3	17
78	Câ€C Bond Formation: Synthesis of C5 Substituted Pyrimidine and C8 Substituted Purine Nucleosides Using Water Soluble Pdâ€imidate Complex. Current Protocols in Nucleic Acid Chemistry, 2016, 65, 1.37.1-1.37.15.	0.5	14
79	Synthesis and structural characterization of anion complexes with azacalix[2]dipyrrolylmethane: effect of anion charge on the conformation of the macrocycle. Dalton Transactions, 2016, 45, 11781-11790.	3.3	9
80	Photoactivation of Diiodidoâ€“Pt(IV) Complexes Coupled to Upconverting Nanoparticles. Molecular Pharmaceutics, 2016, 13, 2346-2362.	4.6	29
81	Water-Soluble Pdâ€“Imidate Complexes: Broadly Applicable Catalysts for the Synthesis of Chemically Modified Nucleosides via Pd-Catalyzed Cross-Coupling. Journal of Organic Chemistry, 2016, 81, 2713-2729.	3.2	39
82	Selectively detecting Hg2+ â€“ A â€œmercury quick testâ€•with bis-(coumarinâ€“dithiolene) niccolate. Inorganica Chimica Acta, 2016, 445, 149-154.	2.4	12
83	CHAPTER 1. An Overview of the Synthetic Strategies, Reaction Mechanisms and Kinetics of Model Compounds Relevant to Molybdenum- and Tungsten-Containing Enzymes. 2-Oxoglutarate-Dependent Oxygenases, 2016, , 1-7.	0.8	3
84	Multiple Cycloaddition Reactions of Ketones with a Î²â€Diketiminate Al Compound. Chemistry - A European Journal, 2015, 21, 19041-19047.	3.3	7
85	Synthesis, Structure and Redox Properties of Asymmetric (Cyclopentadienyl)(eneâ€1,2â€dithiolate)cobalt(III) Complexes Containing Phenyl, Pyridyl and Pyrazinyl Units. European Journal of Inorganic Chemistry, 2015, 2015, 3550-3561.	2.0	10
86	Pyrazine- and pyridine-substituted prop-2-yn-1-ols, but-3-yn-2-ols, and but-3-yn-2-ones â€“ purification, stability, and handling revised. Chemistry of Heterocyclic Compounds, 2015, 51, 1008-1013.	1.2	2
87	Ï€-Rich Ïƒ²P-Heterocycles: Bent Î·¹-P- and Î¼²-P-Coordinated 1,3-Benzazaphosphole Copper(I) Halide Complexes. Inorganic Chemistry, 2015, 54, 2117-2127.	4.0	26
88	Synthesis, characterization, antioxidant and selective xanthine oxidase inhibitory studies of transition metal complexes of novel amino acid bearing Schiff base ligand. Inorganica Chimica Acta, 2015, 428, 117-126.	2.4	38
89	Engineering the Active Site of the Amine Transaminase from Vibrio fluvialis for the Asymmetric Synthesis of Arylâ€“Alkyl Amines and Amino Alcohols. ChemCatChem, 2015, 7, 757-760.	3.7	91
90	Selective palladium-catalysed arylation of 2,6-dibromopyridine using N-heterocyclic carbene ligands. RSC Advances, 2015, 5, 53073-53085.	3.6	25

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91	Î-Rich Ïƒ2P-Ligands: Unusual Coordination Behavior of 1H-1,3-Benzazaphospholes Toward Late Transition Metals. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 806-815.	1.6	10
92	Sulfido and Cysteine Ligation Changes at the Molybdenum Cofactor during Substrate Conversion by Formate Dehydrogenase (FDH) from Rhodobacter capsulatus. Inorganic Chemistry, 2015, 54, 3260-3271.	4.0	57
93	Ï€-Rich Ïƒ2P-Heterocycles: d10-Transition Metal Complexes of 1H-1,3-Benzazaphospholes with Unusual Coordination. Phosphorus, Sulfur and Silicon and the Related Elements, 2015, 190, 951-952.	1.6	1
94	Pincer CNC bis-N-heterocyclic carbenes: robust ligands for palladium-catalysed Suzukiâ€“Miyaura arylation of bromoanthracene and related substrates. Organic Chemistry Frontiers, 2015, 2, 1397-1410.	4.5	21
95	Ï€-Excess aromatic Ïƒ2P ligands: Unprecedented reductive Câ€“C coupling of neopentylbenzazaphosphole at the PCHâ€“N group by Fe3(CO)12 to an heterocyclic 1,2-bis(phosphido)-Fe2(CO)6 complex. Journal of Organometallic Chemistry, 2015, 776, 60-63.	1.8	8
96	Ï€-Excess aromatic Ïƒ²-P ligands: synthesis and structure of an unprecedented Î¼²-P-1,3-benzazaphosphole bridged tetranuclear copper(<scp>i</scp>) acetate complex. Dalton Transactions, 2015, 44, 1769-1774.	3.3	19
97	Main group chemistry of 9-hydroxophenalenone: Syntheses and structural characterization of the alkaline earth and zinc complexes. Journal of Chemical Sciences, 2014, 126, 1581-1588.	1.5	3
98	Ïƒ²P,Oâ€Hybrid Ligands: Synthesis of the First 4â€Hydroxyâ€1,3â€benzazaphospholes by orthoâ€Lithiation of mâ€Amidophenyl Diethyl Phosphates. European Journal of Inorganic Chemistry, 2014, 2014, 5958-5968.	2.0	8
99	Thiocyanate Complexes of Uranium in Multiple Oxidation States: A Combined Structural, Magnetic, Spectroscopic, Spectroelectrochemical, and Theoretical Study. Inorganic Chemistry, 2014, 53, 8624-8637.	4.0	28
100	Synthesis, structure and photophysical properties of [UO₂X₂(Oî€PPh₃)₂] (X = Cl, Br, I). Dalton Transactions, 2014, 43, 1125-1131.	3.3	16
101	The ring opening reaction of 1,3-dithiol-2-one systems is fully reversible. Chemical Communications, 2014, 50, 10102-10104.	4.1	6
102	Molybdenum and tungsten oxidoreductase model chemistry. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C1372-C1372.	0.1	0
103	Efficient synthesis of coumarin-based tetra and pentacyclic rings using phospha-palladacycles. RSC Advances, 2013, 3, 20905.	3.6	21
104	Fingerprinting the oxidation state of U(iv) by emission spectroscopy. Dalton Transactions, 2013, 42, 14677.	3.3	14
105	Emission spectroscopy of uranium(iv) compounds: a combined synthetic, spectroscopic and computational study. RSC Advances, 2013, 3, 4350.	3.6	57
106	Urease and Î±-chymotrypsin inhibitory activities of transition metal complexes of new Schiff base ligand: Kinetic and thermodynamic studies of the synthesized complexes using TGâ€“DTA pyrolysis. Thermochimica Acta, 2013, 562, 22-28.	2.7	24
107	Molybdenum and tungsten complexes of bis(phenolate) ligands, O,X,O (X=S or Se): Synthesis, characterization and catalytic oxygen atom transfer properties. Inorganica Chimica Acta, 2013, 395, 218-224.	2.4	7
108	The unexpected and facile molybdenum mediated formation of tri- and tetracyclic pentathiepins from pyrazine-alkynes and sulfur. Chemical Communications, 2013, 49, 4343-4345.	4.1	12

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109	Synthesis of Novel Polyazacryptands for Recognition of Tetrahedral Oxoanions and Their X-ray Structures. Inorganic Chemistry, 2013, 52, 6427-6439.	4.0	23
110	Identification of a Bis-molybdopterin Intermediate in Molybdenum Cofactor Biosynthesis in Escherichia coli. Journal of Biological Chemistry, 2013, 288, 29736-29745.	3.4	43
111	Monoâ€oxoâ€bisâ€dithioveratrolâ€molybdate â€“ in Solution a Model for Arsenite Oxidase and in the Solid State a Coordination Polymer with Unprecedented Binding Motifs. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1552-1558.	1.2	9
112	A Tripyrrolylmethane-Based Macrobicyclic Triazacryptand: X-ray Structure, Size-Selective Anion Binding, and Fluoride-Ion-Mediated Protonâ€“Deuterium Exchange Studies. Inorganic Chemistry, 2012, 51, 11635-11644.	4.0	23
113	Synthesis, characterization and distinct butyrylcholinesterase activities of transition metal complexes of 2-[(E)-(quinolin-3-ylimino)methyl]phenol. Inorganica Chimica Acta, 2012, 390, 210-216.	2.4	20
114	Phenalenylâ€Based Organozinc Catalysts for Intramolecular Hydroamination Reactions: A Combined Catalytic, Kinetic, and Mechanistic Investigation of the Catalytic Cycle. Chemistry - A European Journal, 2012, 18, 10530-10545.	3.3	48
115	Structure of the Molybdenum Site in YedY, a Sulfite Oxidase Homologue from Escherichia coli. Inorganic Chemistry, 2011, 50, 741-748.	4.0	42
116	Synthesis of a Lewis Base Stabilized Dimer of N-Substituted Hydrosila Hydrazone and a Silaaziridine. Organometallics, 2011, 30, 912-916.	2.3	29
117	Perfluorinated oxygen- and sulfur-containing compounds as extractants for gold(III). Gold Bulletin, 2011, 44, 79-83.	2.4	11
118	Phenalenyl-based ligand for transition metal chemistry: Application in Henry reaction. Journal of Chemical Sciences, 2011, 123, 139-144.	1.5	10
119	2-Lithiumamide-2-fluoro-1,3-diaza-2,4-disilacyclobutanes - Syntheses, Reactions, Structures. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 2183-2192.	1.2	1
120	Molybdenum and Tungsten Oxidoreductase Models. European Journal of Inorganic Chemistry, 2011, 2011, 1189-1199.	2.0	55
121	A Crystallographic and Mo K-Edge XAS Study of Molybdenum Oxo Bis-, Mono-, and Non-Dithiolene Complexes - First-Sphere Coordination Geometry and Noninnocence of Ligands. European Journal of Inorganic Chemistry, 2011, 2011, 4387-4399.	2.0	20
122	Reactions of Stable Amidinate Chlorosilylene and [1+4]â€Oxidative Addition of Nâ€Heterocyclic Silylene with Nâ€Benzylideneaniline. European Journal of Inorganic Chemistry, 2011, 2011, 5006-5013.	2.0	67
123	Wellâ€Defined Airâ€Stable Palladium HASPO Complexes for Efficient Kumadaâ€“Corriu Crossâ€Couplings of (Hetero)Aryl or Alkenyl Tosylates. Chemistry - A European Journal, 2011, 17, 2965-2971.	3.3	79
124	Tungsten's redox potential is more temperature sensitive than that of molybdenum. Dalton Transactions, 2010, 39, 5623.	3.3	27
125	Kumadaâ€“Corriu Crossâ€Couplings with 2â€Pyridyl Grignard Reagents. Chemistry - A European Journal, 2010, 16, 3300-3303.	3.3	108
126	Preparation of iron carbonyl complexes of germanium(II) and tin(II) each with a terminal fluorine atom. Journal of Fluorine Chemistry, 2010, 131, 1096-1099.	1.7	21

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127	The difference one ligand atom makes â€“ An altered oxygen transfer reaction mechanism caused by an exchange of selenium for sulfur. Polyhedron, 2010, 29, 664-668.	2.2	7
128	Synthesis, characterization and structural analysis of isostructural dinuclear molybdenum and tungsten oxo-bis-Î¼-sulfido-benzenedithiolene complexes. Inorganica Chimica Acta, 2010, 363, 4140-4144.	2.4	5
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