

# Ebbe Nordlander

## List of Publications by Year in descending order

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108  
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218677

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110  
docs citations

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times ranked

2095  
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of Cu and Zn salicylaldimine complexes as catalyst precursors in ring opening polymerization of lactides: ligand effects on polymer characteristics. <i>Applied Organometallic Chemistry</i> , 2011, 25, 133-145.	3.5	82
2	Cluster chemistry in the Noughties: new developments and their relationship to nanoparticles. <i>Dalton Transactions</i> , 2010, 39, 6153.	3.3	70
3	A Density Functional Study of Oxygen Atom Transfer Reactions between Biological Oxygen Atom Donors and Molybdenum(IV) Bis(dithiolene) Complexes. <i>Inorganic Chemistry</i> , 2002, 41, 6695-6702.	4.0	67
4	Nonheme Fe(IV) Oxo Complexes of Two New Pentadentate Ligands and Their Hydrogen-Atom and Oxygen-Atom Transfer Reactions. <i>Inorganic Chemistry</i> , 2015, 54, 7152-7164.	4.0	63
5	Kinetics of oxygen-atom transfer reactions involving molybdenum dithiolene complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 3997-4004.	1.1	60
6	Synthesis, Characterization, and Reactivity Studies of Heterodinuclear Complexes Modeling Active Sites in Purple Acid Phosphatases. <i>Inorganic Chemistry</i> , 2011, 50, 3866-3887.	4.0	56
7	Ruthenium(II) arene complexes with chelating chloroquine analogue ligands: Synthesis, characterization and in vitro antimalarial activity. <i>Dalton Transactions</i> , 2012, 41, 2764.	3.3	56
8	Molybdenum and Tungsten Structural Analogues of the Active Sites of the MoIV+ [O] and MoVIO Oxygen Atom Transfer Couple of DMSO Reductases. <i>Journal of the American Chemical Society</i> , 1998, 120, 3259-3260.	13.7	53
9	The Unperturbed Oxo-Sulfido Functional Group cis-MoVIO Related to That in the Xanthine Oxidase Family of Molybdoenzymes: Synthesis, Structural Characterization, and Reactivity Aspects. <i>Inorganic Chemistry</i> , 1999, 38, 4104-4114.	4.0	53
10	Antimalarial activity of ruthenium(II) and osmium(II) arene complexes with mono- and bidentate chloroquine analogue ligands. <i>Dalton Transactions</i> , 2015, 44, 19314-19329.	3.3	49
11	Symmetrical and unsymmetrical dizinc complexes as models for the active sites of hydrolytic enzymes. <i>Dalton Transactions</i> , 2008, , 993-996.	3.3	48
12	Unsymmetrical dizinc complexes as models for the active sites of phosphohydrolases. <i>Dalton Transactions</i> , 2010, 39, 8183.	3.3	48
13	Equatorial Ligand Perturbations Influence the Reactivity of Manganese(IV) Oxo Complexes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4178-4182.	13.8	47
14	Dioxomolybdenum(VI) and Tungsten(VI) Complexes with Multidentate Aminobisphenol Ligands as Catalysts for Olefin Epoxidation. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3572-3579.	2.0	43
15	Chiral hexarhodium carbonyl clusters containing heterobidentate phosphine ligands; a structural and reactivity study. <i>Dalton Transactions</i> , 2003, , 2457-2467.	3.3	41
16	Cluster-Based Catalytic Hydrogenation with High Conversion and Reversible Enantioselectivity. <i>Organometallics</i> , 2000, 19, 5568-5574.	2.3	39
17	Evidence that steric factors modulate reactivity of tautomeric iron(II) oxo species in stereospecific alkane C-H hydroxylation. <i>Chemical Communications</i> , 2014, 50, 1408-1410.	4.1	38
18	Synthesis and reactivity studies of model complexes for molybdopterin-dependent enzymes. <i>Journal of Inorganic Biochemistry</i> , 2000, 79, 67-74.	3.5	35

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19	A Heterobimetallic Fe <sup>III</sup> Mn <sup>II</sup> Complex of an Unsymmetrical Dinucleating Ligand: A Structural and Functional Model Complex for the Active Site of Purple Acid Phosphatase of Sweet Potato. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2204-2212.	2.0	35
20	Structural and Functional Models of the Active Site of Zinc Phosphotriesterase. <i>Inorganic Chemistry</i> , 2004, 43, 5681-5687.	4.0	34
21	Coordination Complexes of Molybdenum with 3,6-Di-tert-butylcatechol. Addition Products of DMSO, PyridineN-oxide, and Triphenylarsine Oxide to the Putative [MoVIO(3,6-DBCat) <sub>2</sub> ] Monomer and Self-Assembly of the Chiral [MoVIO(3,6-DBCat) <sub>2</sub> ] <sub>4</sub> Square. <i>Inorganic Chemistry</i> , 2004, 43, 2114-2124.	4.0	32
22	A Mononuclear Nonheme Iron(IV)-Oxo Complex of a Substituted N4Py Ligand: Effect of Ligand Field on Oxygen Atom Transfer and C-H Bond Cleavage Reactivity. <i>Inorganic Chemistry</i> , 2019, 58, 1862-1876.	4.0	32
23	Theoretical Study of Phosphodiester Hydrolysis and Transesterification Catalyzed by an Unsymmetric Biomimetic Dizinc Complex. <i>Inorganic Chemistry</i> , 2016, 55, 1872-1882.	4.0	30
24	A dinuclear zinc(II) complex of a new unsymmetric ligand with an N5O2 donor set; A structural and functional model for the active site of zinc phosphoesterases. <i>Journal of Inorganic Biochemistry</i> , 2014, 132, 6-17.	3.5	28
25	Dppm-substituted ruthenium clusters with capping sulfido and selenido ligands derived from thiourea, tetramethylthiourea and elemental selenium. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 309-322.	1.8	27
26	Chelate and Bridge Diphosphine Isomerization: Triosmium and Triruthenium Clusters Containing 1,1-Bis(diphenylphosphino)ferrocene (dppf). <i>Organometallics</i> , 2007, 26, 6462-6472.	2.3	27
27	Synthesis and characterization of molybdenum oxo complexes of two tripodal ligands: reactivity studies of a functional model for molybdenum oxotransferases. <i>Dalton Transactions</i> , 2005, , 3566.	3.3	26
28	Synthesis, characterization and reactivity of tetranuclear ruthenium hydrido clusters containing chiral phosphineligands. <i>Dalton Transactions</i> , 2006, , 279-288.	3.3	25
29	A quantum-mechanical study of the reaction mechanism of sulfite oxidase. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 1165-1179.	2.6	23
30	Reactions of Diacetylene Ligands with Trinuclear Clusters. 3. Cyclization of Diynes with $\eta^2$ -Amino Moieties on the Metal Core of [H <sub>2</sub> O <sub>3</sub> (CO) <sub>10</sub> ]. <i>Organometallics</i> , 2001, 20, 3854-3863.	2.3	22
31	Syntheses and Fluxional Processes of Diphenyl(2-thienyl)phosphane Derivatives of Triosmium Clusters. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2058-2068.	2.0	22
32	Bioinspired Hydrogenase Models: The Mixed-Valence Triiron Complex [Fe <sub>3</sub> (CO) <sub>7</sub> ( $\eta^4$ -edt) <sub>2</sub> ] and Phosphine Derivatives [Fe <sub>3</sub> (CO) <sub>7</sub> ( $\eta^4$ -PPh <sub>3</sub> ) <sub>2</sub> ] <sub>x</sub> ( $\eta^4$ -edt) <sub>2</sub> ( $x = 1, 2$ ) and [Fe <sub>3</sub> (CO) <sub>5</sub> ( $\eta^2$ -diphosphine)( $\eta^4$ -edt) <sub>2</sub> ] as Proton Reduction Catalysts. <i>Organometallics</i> , 2014, 33, 1356-1366.	2.3	22
33	Synthesis and characterization of Fe <sup>III</sup> ( $\eta^4$ -OH)Zn <sup>II</sup> complexes: effects of a second coordination sphere and increase in the chelate ring size on the hydrolysis of a phosphate diester and DNA. <i>Dalton Transactions</i> , 2017, 46, 11380-11394.	3.3	22
34	QM/MM study of the reaction mechanism of sulfite oxidase. <i>Scientific Reports</i> , 2018, 8, 4684.	3.3	22
35	Reactivity of the Unsaturated Triosmium Cluster Os <sub>3</sub> (CO) <sub>8</sub> ( $\eta^3$ - $\eta^2$ -Ph <sub>2</sub> PCH <sub>2</sub> P(Ph) <sub>2</sub> C <sub>6</sub> H <sub>4</sub> )( $\eta^4$ -H) with Benzothiophene: Activation of a C-C Bond in Diphosphine and a C-H Bond in Benzothiophene. <i>Organometallics</i> , 2005, 24, 3315-3320.	2.3	21
36	The structure and dynamic behaviour of disubstituted derivatives of [Rh <sub>6</sub> (CO) <sub>16</sub> ] containing heterobidentate bridging phosphine ligands. <i>Dalton Transactions</i> , 2003, , 2468.	3.3	20

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37	Unprecedented Enantioselectivity in a Cluster-Based Catalytic System. <i>Organometallics</i> , 2007, 26, 4090-4093.	2.3	20
38	High Turnover Catalase Activity of a Mixed-Valence Mn <sup>II</sup> Mn <sup>III</sup> Complex with Terminal Carboxylate Donors. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3485-3492.	2.0	20
39	Catalytic Oxidation of Alkanes and Alkenes by H <sub>2</sub> O <sub>2</sub> with a $\mu_4$ -Oxido Diiron(III) Complex as Catalyst/Catalyst Precursor. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3590-3601.	2.0	20
40	Evaluation of PTA-derived ruthenium(II) and iridium(III) quinoline complexes against chloroquine-sensitive and resistant strains of the <i>Plasmodium falciparum</i> malaria parasite. <i>Journal of Inorganic Biochemistry</i> , 2019, 191, 164-173.	3.5	20
41	Reactions of [H <sub>2</sub> O <sub>3</sub> (CO) <sub>10</sub> ] with Conjugated Dienes (RC <sub>2</sub> C <sub>2</sub> R <sup>-</sup> ) Containing Nucleophilic Oxygen in $\mu_2$ Position of a Substituent (R = Ph, R <sup>-</sup> = CH <sub>2</sub> OH, C(O)Ph; R = R <sup>-</sup> = CMe <sub>2</sub> (OH)). <i>Organometallics</i> , 2003, 22, 3455-3465.	2.3	19
42	Relationship between Hydrogen-Atom Transfer Driving Force and Reaction Rates for an Oxomanganese(IV) Adduct. <i>Inorganic Chemistry</i> , 2018, 57, 8253-8263.	4.0	19
43	MnIV-Oxo complex of a bis(benzimidazolyl)-containing N <sub>5</sub> ligand reveals different reactivity trends for MnIV-oxo than FeIV-oxo species. <i>Dalton Transactions</i> , 2019, 48, 5007-5021.	3.3	19
44	Highly enantioselective epoxidation of olefins by H <sub>2</sub> O <sub>2</sub> catalyzed by a non-heme Fe(II) catalyst of a chiral tetradentate ligand. <i>Dalton Transactions</i> , 2019, 48, 6123-6131.	3.3	19
45	Graphitic Carbon Nitride/CdSe Quantum Dot/Iron Carbonyl Cluster Composite for Enhanced Photocatalytic Hydrogen Evolution. <i>ACS Applied Nano Materials</i> , 2021, 4, 6280-6289.	5.0	18
46	Oxidative addition of silanes R <sub>3</sub> SiH to the unsaturated cluster [Os <sub>3</sub> ( $\mu_4$ -H){ $\mu_3$ -Ph <sub>2</sub> PCH <sub>2</sub> PPh(C <sub>6</sub> H <sub>4</sub> )}(CO) <sub>8</sub> ]: Evidence for reversible silane formation in the dynamic behaviour of [Os <sub>3</sub> ( $\mu_4$ -H)(SiR <sub>3</sub> )(CO) <sub>9</sub> ( $\mu_4$ -dppm)]. <i>Dalton Transactions</i> , 2004, , 3709-3714.	3.3	17
47	Pentamethylcyclopentadienyl-rhodium and iridium complexes containing (N <sup>-</sup> N and N <sup>-</sup> O) bound chloroquine analogue ligands: synthesis, characterization and antimalarial properties. <i>Dalton Transactions</i> , 2016, 45, 3905-3917.	3.3	17
48	Syntheses and catalytic oxotransfer activities of oxo molybdenum(IV) complexes of a new aminoalcohol phenolate ligand. <i>Dalton Transactions</i> , 2017, 46, 7051-7060.	3.3	16
49	Systematic synthesis of functional unsymmetric FeZn model complexes for plant purple acid phosphatases. <i>Inorganic Chemistry Communication</i> , 2010, 13, 334-337.	3.9	15
50	Dioxidomolybdenum(VI) and -tungsten(VI) complexes with tripodal amino bisphenolate ligands as epoxidation and oxo-transfer catalysts. <i>Polyhedron</i> , 2017, 134, 275-281.	2.2	15
51	Unusual C-H bond activation <sup>†</sup> aldol condensation of aromatic aldehydes with the methyl group of a carbene-like triosmium cluster. <i>Dalton Transactions RSC</i> , 2002, , 827.	2.3	14
52	$\mu_4$ -monocarboxylate-bridged diiron(III) $\mu_4$ -oxido complex that catalyzes alkane oxidation by hydrogen peroxide. <i>New Journal of Chemistry</i> , 2010, 34, 2118.	2.8	14
53	An Unsymmetric Ligand with a N <sub>5</sub> O <sub>2</sub> Donor Set and Its Corresponding Dizinc Complex: A Structural and Functional Phosphoesterase Model. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4004-4013.	2.0	14
54	Oxidative Cleavage of Cellobiose by Lytic Polysaccharide Monooxygenase (LPMO)-Inspired Copper Complexes. <i>ACS Omega</i> , 2019, 4, 10729-10740.	3.5	14

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55	Quinoline-triazole half-sandwich iridium( $\mu_3$ ) complexes: synthesis, antiplasmodial activity and preliminary transfer hydrogenation studies. <i>Dalton Transactions</i> , 2020, 49, 11543-11555.	3.3	14
56	$^{187}\text{Os}$ subspectra in $^1\text{H}$ and $^{31}\text{P}\{^1\text{H}\}$ spectra of triosmium carbonyl clusters. <i>Magnetic Resonance in Chemistry</i> , 2002, 40, 107-113.	1.9	13
57	Synthesis, characterisation and natural abundance $^{187}\text{Os}$ NMR spectroscopy of hydride bridged triosmium clusters with chiral diphosphine ligands. <i>Inorganica Chimica Acta</i> , 2006, 359, 926-937.	2.4	13
58	Efficient Cluster-Based Catalysts for Asymmetric Hydrogenation of $\alpha,\beta$ -Unsaturated Carboxylic Acids. <i>Chemistry - A European Journal</i> , 2012, 18, 12458-12478.	3.3	13
59	Gold(I) complex of 1,1'-bis(diphenylphosphino) ferrocene-quinoline conjugate: a virostatic agent against HIV-1. <i>BioMetals</i> , 2016, 29, 389-397.	4.1	13
60	Electrocatalytic proton reduction by thiolate-capped triiron clusters $[\text{Fe}_3(\text{CO})_9(\mu_3\text{-SR})(\mu_4\text{-H})]$ ( $\text{R} = \text{Pr}, \text{tBu}$ ). <i>Inorganica Chimica Acta</i> , 2018, 480, 47-53.	2.4	13
61	Triphenylphosphine-substituted selenido and sulfido clusters of osmium derived from $\text{Ph}_3\text{PSe}$ or $\text{Ph}_3\text{PS}$ . <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4628-4639.	1.8	12
62	Bridgehead isomer effects in bis(phosphido)-bridged diiron hexacarbonyl proton reduction electrocatalysts. <i>Dalton Transactions</i> , 2017, 46, 3207-3222.	3.3	12
63	Synthesis and characterization of chiral phosphirane derivatives of $[\mu_4\text{-H})_4\text{Ru}_4(\text{CO})_{12}]$ and their application in the hydrogenation of an $\alpha,\beta$ -unsaturated carboxylic acid. <i>Journal of Organometallic Chemistry</i> , 2017, 849-850, 71-79.	1.8	12
64	Novel multi-target compounds in the quest for new chemotherapies against Alzheimer's disease: An experimental and theoretical study. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 4823-4840.	3.0	12
65	Structural Characterization of a Series of N5-Ligated Mn IV $\mu_5\text{Oxo}$ Species. <i>Chemistry - A European Journal</i> , 2020, 26, 900-912.	3.3	12
66	Ultrafast excited state dynamics of $[\text{Cr}(\text{CO})_4(\text{bpy})]$ : revealing the relaxation between triplet charge-transfer states. <i>RSC Advances</i> , 2016, 6, 20507-20515.	3.6	11
67	Catalytic epoxidation using dioxomolybdenum(VI) complexes with tridentate aminoalcohol phenol ligands. <i>Inorganica Chimica Acta</i> , 2019, 486, 17-25.	2.4	11
68	Dioxomolybdenum(VI) complexes of hydrazone phenolate ligands - syntheses and activities in catalytic oxidation reactions. <i>Journal of the Indian Chemical Society</i> , 2021, 98, 100006.	2.8	11
69	Synthesis, Characterization, and Dynamic Behaviour of Triosmium Clusters Containing the Tridentate Ligand $\{\text{Ph}_2\text{PCH}_2\text{CH}_2\}_2\text{S}$ (PSP). <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2447-2459.	2.0	10
70	Thiophene based imino-pyridyl palladium(II) complexes: Synthesis, molecular structures and Heck coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2017, 843, 40-47.	1.8	10
71	Oxovanadium(V) complexes with tripodal bisphenolate and monophenolate ligands: Syntheses, structures and catalytic activities. <i>Inorganica Chimica Acta</i> , 2019, 487, 112-119.	2.4	10
72	Oxo-deficient dioxylyene complexes of Mo(vi) containing 3,6-di-tert-butylcatechol. <i>Chemical Communications</i> , 2001, , 2686-2687.	4.1	9

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73	New Ruthenium Carbonyl Clusters Containing Unusual $\eta^5$ -Sulfido-, $\eta^4$ -Benzene-, and Thianthrene-Derived Ligands: Insertion of Ruthenium into the Thianthrene Ring by $\pi$ -S Activation. <i>Organometallics</i> , 2007, 26, 4627-4633.	2.3	9
74	An experimental and theoretical study of a heptacoordinated tungsten(VI) complex of a noninnocent phenylenediamine bis(phenolate) ligand. <i>Inorganic Chemistry Communication</i> , 2018, 93, 149-152.	3.9	9
75	Hydrogen-atom and oxygen-atom transfer reactivities of iron(IV)-oxo complexes of quinoline-substituted pentadentate ligands. <i>Dalton Transactions</i> , 2022, 51, 870-884.	3.3	9
76	A Bis(phenoxo)-Bridged Dizinc Complex with Hydrolytic Activity. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1534-1542.	1.2	8
77	Synthesis, Characterization and Catalytic Activity Studies of Rhenium Carbonyl Complexes Containing Chiral Diphosphines of the Josiphos and Walphos Families. <i>Journal of Cluster Science</i> , 2015, 26, 1231-1252.	3.3	8
78	Synthesis and molecular structures of the 52-electron triiron telluride clusters $[\text{Fe}_3(\text{CO})_8(\eta^3\text{-Te})_2(\eta^2\text{-diphosphine})]$ - Electrochemical properties and activity as proton reduction catalysts. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 381-390.	1.8	8
79	Triiron and Triruthenium Carbonyl Clusters Bearing Bridging Long Chain Diphosphine and Capping Chalcogenido Ligands. <i>Journal of Cluster Science</i> , 2005, 16, 93-110.	3.3	7
80	Zinc(II) Complexes with Asymmetric 3,5-Substituted 1 <i>H</i> -Pyrazoles. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1639-1649.	2.0	7
81	Diastereomeric control of enantioselectivity: evidence for metal cluster catalysis. <i>Chemical Communications</i> , 2014, 50, 7705-7708.	4.1	7
82	Electron Transfer Mediated by Iron Carbonyl Clusters Enhance Light-Driven Hydrogen Evolution in Water by Quantum Dots. <i>ChemSusChem</i> , 2020, 13, 3252-3260.	6.8	7
83	Chalcogenide-capped triiron clusters $[\text{Fe}_3(\text{CO})_9(\eta^3\text{-E})_2]$ , $[\text{Fe}_3(\text{CO})_7(\eta^3\text{-CO})(\eta^3\text{-E})(\eta^4\text{-dppm})]$ and $[\text{Fe}_3(\text{CO})_7(\eta^3\text{-E})_2(\eta^4\text{-dppm})]$ (E = S, Se) as proton-reduction catalysts. <i>Journal of Organometallic Chemistry</i> , 2019, 880, 213-222.	1.8	6
84	Cis- and trans molybdenum oxo complexes of a prochiral tetradentate aminophenolate ligand: Synthesis, characterization and oxotransfer activity. <i>Polyhedron</i> , 2020, 178, 114312.	2.2	6
85	Reversible PCET and Ambient Catalytic Oxidative Alcohol Dehydrogenation by $\{\text{V}=\text{O}\}$ Perfluoropinacolate Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 16500-16513.	4.0	6
86	Luminescent PhotoCORMs: Enabling/Disabling CO Delivery upon Blue Light Irradiation. <i>Inorganic Chemistry</i> , 2020, 59, 13078-13090.	4.0	6
87	REACTIVITY OF $[\text{M}_3(\eta^3\text{-H})(\text{CO})_{10}(\eta^2\text{-PH}_2)]$ (M = Ru, Os) TOWARDS ORGANIC AND ORGANOMETALLIC ELECTROPHILES; EVIDENCE FOR ELECTROPHILIC-ATTACK AT THE PHOSPHIDO MOIETY OF $[\text{Os}_3(\eta^3\text{-H})(\text{CO})_{10}(\eta^2\text{-PH}_2)]$ . <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1995, 103, 241-252.	1.6	5
88	Tetrazoles: XLIII. Polydentate Tetrazole-Containing Ligands for Biomimetic Studies. <i>Russian Journal of Organic Chemistry</i> , 2002, 38, 1356-1359.	0.8	5
89	Bimetallic nickel and palladium complexes for catalytic applications. <i>Chemical Papers</i> , 2016, 70, .	2.2	5
90	A new heteropentanuclear complex containing the $[\text{Fe}_2\text{III}\text{Zn}_3\text{II}(\eta^3\text{-OH})_3]$ structural motif as a model for purple acid phosphatases. <i>Inorganica Chimica Acta</i> , 2020, 502, 119280.	2.4	5

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91	Electrocatalytic proton-reduction behaviour of telluride-capped triiron clusters: tuning of overpotentials and stabilization of redox states relative to lighter chalcogenide analogues. Dalton Transactions, 2020, 49, 7133-7143.	3.3	5
92	A pyrazine amide " 4-aminoquinoline hybrid and its rhodium and iridium pentamethylcyclopentadienyl complexes; evaluation of anti-mycobacterial and anti-plasmodial activities. Journal of the Mexican Chemical Society, 2017, 61, .	0.6	5
93	A simple synthesis of 2-(2-chlorophenyl)benzimidazole from o-phenylenediamine and 2-chlorobenzaldehyde. Russian Journal of Organic Chemistry, 2006, 42, 1420-1420.	0.8	4
94	Oxygen Transfer from Trimethylamine $\rightarrow$ Oxide to $\text{Cu}^{\text{I}}$ Complexes Supported by Pentanitrogen Ligands. European Journal of Inorganic Chemistry, 2020, 2020, 2798-2808.	2.0	4
95	Asymmetric hydrogenation of an $\alpha$ -unsaturated carboxylic acid catalyzed by intact chiral transition metal carbonyl clusters " diastereomeric control of enantioselectivity. Dalton Transactions, 2020, 49, 4244-4256.	3.3	4
96	New copper(II) salicylaldimine derivatives for mild oxidation of cyclohexane. Journal of Chemical Sciences, 2018, 130, 1.	1.5	3
97	Oxygen atom transfer catalysis by dioxidomolybdenum(VI) complexes of pyridyl aminophenolate ligands. Polyhedron, 2021, 205, 115234.	2.2	3
98	Zinc Complexes of a Bioinspired Binucleating Ligand Platform - Equilibria in Solution and Structures in the Solid State. European Journal of Inorganic Chemistry, 2012, 2012, 4728-4738.	2.0	2
99	A diiron(III) $\mu_2$ -oxido complex as catalyst precursor in the oxidation of alkanes and alkenes. Journal of Inorganic Biochemistry, 2022, 231, 111769.	3.5	2
100	Multidentate Imidazole- and Tetrazole-Containing Ligands for Biomimetic Studies. Russian Journal of Organic Chemistry, 2001, 37, 752-754.	0.8	1
101	Modern Coordination Chemistry 100 Years after Werner. European Journal of Inorganic Chemistry, 2014, 2014, 4413-4416.	2.0	1
102	Di- and Tetrairon(III) $\mu_4$ -Oxido Complexes of an N <sub>3</sub> S-Donor Ligand: Catalyst Precursors for Alkene Oxidations. Frontiers in Chemistry, 2019, 7, 97.	3.6	1
103	Crystal structure of 2-hydroxyimino-2-(pyridin-2-yl)-N <sup>+</sup> -[1-(pyridin-2-yl)ethylidene]acetohydrazide. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, 584-586.	0.2	0
104	( $\mu_4$ -Acetato- $\mu_2$ O) [ $\mu_4$ -2,6-bis({bis[(pyridin-2-yl- $\text{N}^{\text{+}}$ ]methyl]amino- $\text{N}^{\text{+}}$ )methyl}-4-methylphenolato- $\mu_2$ O})(methanol- $\mu_2$ O)dizinc bis(perchlorate). Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m120-m121.	0.2	0
105	Biological Oxidation Reactions - Mechanisms and Design of New Catalysts. European Journal of Inorganic Chemistry, 2015, 2015, 3354-3356.	2.0	0
106	An Unsymmetric Ligand with a N <sub>5</sub> O <sub>2</sub> Donor Set and Its Corresponding Dizinc Complex: A Structural and Functional Phosphoesterase Model. European Journal of Inorganic Chemistry, 2018, 2018, 3986-3986.	2.0	0
107	Proton reduction by phosphinidene-capped triiron clusters. Journal of Organometallic Chemistry, 2021, 943, 121816.	1.8	0
108	A heterotrinary bioinspired coordination complex capable of binding to DNA and emulation of nuclease activity. Journal of Inorganic Biochemistry, 2022, 226, 111631.	3.5	0