

Fritz E Kuhn

List of Publications by Year in descending order

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442
papers

19,869
citations

16791

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24511

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all docs

462
docs citations

462
times ranked

14380
citing authors

#	ARTICLE	IF	CITATIONS
1	Ruthenium and Osmium Complexes Containing NHC and β -Acid Ligands. , 2022, , 444-527.		1
2	Transition-metal-free synthesis of pyrimidines from lignin β -O-4 segments via a one-pot multi-component reaction. Nature Communications, 2022, 13, .	5.8	52
3	Anticancer and antibacterial properties of trinuclear Cu(I), Ag(I) and Au(I) macrocyclic NHC/urea complexes. Journal of Organometallic Chemistry, 2021, 932, 121643.	0.8	30
4	Activation of Molecular Oxygen by a Cobalt(II) Tetra β -NHC Complex**. Chemistry - A European Journal, 2021, 27, 1311-1315.	1.7	10
5	Degradation pathways of a highly active iron(III) tetra-NHC epoxidation catalyst. Catalysis Science and Technology, 2021, 11, 795-799.	2.1	7
6	Visible Light-Induced Pericyclic Cascade Reaction for the Synthesis of Quinolinone Derivatives with an Oxabicyclo[4.2.0]octene Skeleton. Organic Letters, 2021, 23, 2959-2963.	2.4	6
7	The organometallic ferrocene exhibits amplified anti-tumor activity by targeted delivery via highly selective ligands to α - β , α - γ , or β - γ integrins. Biomaterials, 2021, 271, 120754.	5.7	14
8	Modification of bio-inspired tetra-NHC iron complexes with axial nitrile ligands. Inorganica Chimica Acta, 2021, 518, 120228.	1.2	9
9	Electric and magnetic properties of cobalt, copper and nickel organometallic complexes for molecular wires. Ain Shams Engineering Journal, 2021, 12, 2135-2144.	3.5	2
10	Sustainable Production of Benzylamines from Lignin. Angewandte Chemie - International Edition, 2021, 60, 20666-20671.	7.2	66
11	Sustainable Production of Benzylamines from Lignin. Angewandte Chemie, 2021, 133, 20834-20839.	1.6	4
12	Interfacial phenomena of magnesium hydroxide micro phases. Ain Shams Engineering Journal, 2021, 12, 3133-3140.	3.5	7
13	The effect of different hydration media on magnesia. Discover Materials, 2021, 1, 1.	1.0	3
14	Fluorescent palladium(β) and platinum(β) NHC/1,2,3-triazole complexes: antiproliferative activity and selectivity against cancer cells. Dalton Transactions, 2021, 50, 2158-2166.	1.6	9
15	Effect of different parameters on caustic magnesia hydration and magnesium hydroxide rheology: a review. Materials Advances, 2021, 2, 6519-6531.	2.6	14
16	Mimicking reactive high-valent diiron- β -oxo intermediates of nonheme enzymes by an iron tetracarbene complex. Chemical Communications, 2021, 57, 6644-6647.	2.2	10
17	Gold(I) Bis(1,2,3-triazol-5-ylidene) Complexes as Promising Selective Anticancer Compounds. Journal of Medicinal Chemistry, 2021, 64, 15747-15757.	2.9	10
18	Linking Low-Coordinate Ge(II) Centers via Bridging Anionic N-Heterocyclic Olefin Ligands. Inorganic Chemistry, 2020, 59, 1592-1601.	1.9	15

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19	Exploring the Reactivity and Biological Effects of Heteroleptic Nâ€Heterocyclic Carbene Gold(I)â€Alkynyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1040-1051.	1.0	26
20	An Adaptable Nâ€Heterocyclic Carbene Macrocycle Hosting Copper in Three Oxidation States. <i>Angewandte Chemie</i> , 2020, 132, 5745-5754.	1.6	5
21	An Adaptable Nâ€Heterocyclic Carbene Macrocycle Hosting Copper in Three Oxidation States. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5696-5705.	7.2	27
22	Tuning the electronic properties of tetradentate iron-NHC complexes: Towards stable and selective epoxidation catalysts. <i>Journal of Catalysis</i> , 2020, 391, 548-561.	3.1	15
23	Improved Antiproliferative Activity and Fluorescence of a Dinuclear Gold(I) Bisimidazolylidene Complex via Anthraceneâ€Modification. <i>Chemistry - an Asian Journal</i> , 2020, 15, 4275-4279.	1.7	7
24	Macrocyclic NHC complexes of group 10 elements with enlarged aromaticity for biological studies. <i>Dalton Transactions</i> , 2020, 49, 14106-14114.	1.6	14
25	Mechanisms underlying the cytotoxic activity of syn/anti-isomers of dinuclear Au(I) NHC complexes. <i>European Journal of Medicinal Chemistry</i> , 2020, 203, 112576.	2.6	13
26	Visible-Light-Induced Dehydrohalogenative Coupling for Intramolecular Î±-Alkenylation: A Way to Build Seven- and Eight-Membered Rings. <i>Organic Letters</i> , 2020, 22, 4372-4377.	2.4	12
27	Pushing the limits of activity and stability: the effects of Lewis acids on non-heme ironâ€NHC epoxidation catalysts. <i>Catalysis Science and Technology</i> , 2020, 10, 3532-3536.	2.1	18
28	Antiproliferative Activity of Functionalized Histidineâ€derived Au(I) bis â€NHC Complexes for Bioconjugation. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2754-2762.	1.7	15
29	Dinuclear Gold(I) Complexes Bearing N,Nâ€â€Bridged Bisimidazolylidene Ligands. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1848-1851.	1.7	7
30	Electronic Finetuning of a Bioâ€Inspired Iron(II) tetraâ€NHC Complex by trans Axial Isocyanide Substitution. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1896-1902.	1.7	11
31	Acetate Acetylacetonate Ampy Ruthenium(II) Complexes as Efficient Catalysts for Ketone Transfer Hydrogenation. <i>ChemCatChem</i> , 2020, 12, 3537-3544.	1.8	11
32	Mixed tetradentate NHC/1,2,3-triazole iron complexes bearing cis labile coordination sites as highly active catalysts in Lewis and BrÃnsted acid mediated olefin epoxidation. <i>Journal of Catalysis</i> , 2020, 383, 144-152.	3.1	19
33	Highly luminescent metallacages featuring bispyridyl ligands functionalised with BODIPY for imaging in cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110781.	1.5	21
34	Highly Efficient Abnormal NHC Ruthenium Catalyst for Oppenauer-Type Oxidation and Transfer Hydrogenation Reactions. <i>ACS Catalysis</i> , 2019, 9, 11302-11306.	5.5	33
35	Reactivity Studies of a Dipyridine Ethynyl Ligand with Zinc(II). <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 5059-5065.	1.0	2
36	Dinuclear zwitterionic silver(<sc>i</sc>) and gold(<sc>i</sc>) complexes bearing 2,2-acetate-bridged bisimidazolylidene ligands. <i>Dalton Transactions</i> , 2019, 48, 14036-14043.	1.6	12

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37	Highly selective AlCl_3 initiated intramolecular α -alkylation of α,β -unsaturated lactams and lactones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 49-52.	1.5	4
38	Cationic abnormal N-heterocyclic carbene ruthenium complexes as suitable precursors for the synthesis of heterobimetallic compounds. <i>Dalton Transactions</i> , 2019, 48, 79-89.	1.6	15
39	Effect of Conducting Salts in Ionic Liquid Electrolytes for Enhanced Cyclability of Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23972-23981.	4.0	27
40	Ferrocene derivatives as anti-infective agents. <i>Coordination Chemistry Reviews</i> , 2019, 396, 22-48.	9.5	87
41	Speciation and toxicity of rhenium salts, organometallics and coordination complexes. <i>Coordination Chemistry Reviews</i> , 2019, 394, 135-161.	9.5	32
42	Organometallic and coordination rhenium compounds and their potential in cancer therapy. <i>Coordination Chemistry Reviews</i> , 2019, 393, 79-117.	9.5	135
43	Synthesis, Characterization and Biological and Catalytic Activities of Propionitril: Ligated Transition Metal Complexes with $[\text{B}(\text{C}_6\text{F}_5)_4]$ as Counter Anion. <i>Catalysis Letters</i> , 2019, 149, 2317-2324.	1.4	5
44	Et_2Zn -mediated stoichiometric C(sp)-H silylation of 1-alkynes and chlorosilanes. <i>Tetrahedron Letters</i> , 2019, 60, 1574-1577.	0.7	10
45	Investigation of the Electrochemical and Thermal Stability of an Ionic Liquid Based $\text{Na}_{0.6}\text{Co}_{0.1}\text{Mn}_{0.9}\text{O}_{2.55}\text{V}_6\text{O}_{16}$ Sodium-Ion Full-Cell. <i>Journal of the Electrochemical Society</i> , 2019, 166, A944-A952.		
46	$\text{Ru}(\text{OCCF}_3)_2(\text{PPh}_3)_2$ and ruthenium phosphine complexes bearing fluoroacetate ligands: synthesis, characterization and catalytic activity. <i>Dalton Transactions</i> , 2019, 48, 4625-4635.	1.6	10
47	Bridge-functionalized bisimidazolium bromides as catalysts for the conversion of epoxides to cyclic carbonates with CO_2 . <i>Catalysis Communications</i> , 2019, 124, 118-122.	1.6	15
48	Reactivity of Re_2O_7 in aromatic solvents – Cleavage of a β -O-4 lignin model substrate by Lewis-acidic rhenium oxide nanoparticles. <i>Journal of Catalysis</i> , 2019, 373, 190-200.	3.1	10
49	Ethyltrioxorhenium – Catalytic application and decomposition pathways. <i>Journal of Organometallic Chemistry</i> , 2019, 885, 32-38.	0.8	4
50	Synthesis and Characterization of New N-Heterocyclic Silylazides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 207-211.	0.6	0
51	Synthesis, characterization, and biological studies of multidentate gold(I) and gold(III) NHC complexes. <i>Dalton Transactions</i> , 2019, 48, 16615-16625.	1.6	19
52	Exploring different coordination modes of the first tetradentate NHC/1,2,3-triazole hybrid ligand for group 10 complexes. <i>Dalton Transactions</i> , 2019, 48, 14820-14828.	1.6	7
53	Medicinal Applications of Gold(I/III)-Based Complexes Bearing N-Heterocyclic Carbene and Phosphine Ligands. <i>Journal of Organometallic Chemistry</i> , 2018, 866, 153-164.	0.8	72
54	Structure and vibrational spectroscopic study of phthalimido-functionalized N-heterocyclic palladium complexes. Correlations between structure and catalytic activity. <i>Journal of Organometallic Chemistry</i> , 2018, 869, 233-250.	0.8	2

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55	Synthesis, characterization and derivatization of hydroxyl-functionalized iron(II) bis(NHC) complexes. Dalton Transactions, 2018, 47, 1857-1867.	1.6	4
56	Pyridine Functionalized N-Heterocyclic Silane Complexes of Iridium and Rhodium—An Unexpected Change in Coordination. Organometallics, 2018, 37, 136-144.	1.1	2
57	Water-soluble transition metal complexes of ruthenium(II), osmium(II), rhodium(III) and iridium(III) with chelating N-heterocyclic carbene ligands in hydrogenation and transfer hydrogenation catalysis. Dalton Transactions, 2018, 47, 2318-2329.	1.6	22
58	Synthesis and physicochemical characterization of room temperature ionic liquids and their application in sodium ion batteries. Physical Chemistry Chemical Physics, 2018, 20, 29412-29422.	1.3	21
59	Capping nido-N -nonagermanide Clusters with M-PPH_3 and Dynamics in Solution: Synthesis and Structure of $\text{closo-}[(\text{Me}_3\text{Si})_3\text{Si}]_3\text{Et}[\text{Ge}_9\text{M}](\text{PPH}_3)^{1-}$ ($\text{M} = \text{Ni, Pt}$). Organometallics, 2018, 37, 4560-4567.	1.1	13
60	(Invited) Ultrasound Application and Multi-Step Reactions in Electrodeposition of Refractory Metals. ECS Transactions, 2018, 86, 3-19.	0.3	0
61	Current advances in the catalytic conversion of carbon dioxide by molecular catalysts: an update. Dalton Transactions, 2018, 47, 13281-13313.	1.6	104
62	A bench stable formal Cu-N -heterocyclic carbene accessible from simple copper(II) acetate. Chemical Science, 2018, 9, 8307-8314.	3.7	28
63	Selective and catalytic carbon dioxide and heteroallene activation mediated by cerium N-heterocyclic carbene complexes. Chemical Science, 2018, 9, 8035-8045.	3.7	39
64	On the Mechanism of Gold/NHC Compounds Binding to DNA $\text{G}^4\text{Quadruplexes}$: Combined Metadynamics and Biophysical Methods. Angewandte Chemie, 2018, 130, 14732-14736.	1.6	16
65	On the Mechanism of Gold/NHC Compounds Binding to DNA $\text{G}^4\text{Quadruplexes}$: Combined Metadynamics and Biophysical Methods. Angewandte Chemie - International Edition, 2018, 57, 14524-14528.	7.2	60
66	Synthesis, characterization and application of organorhenium(VII) trioxides in metathesis reactions and epoxidation catalysis. Dalton Transactions, 2018, 47, 9755-9764.	1.6	10
67	Current advances on ruthenium(II) N-heterocyclic carbenes in hydrogenation reactions. Coordination Chemistry Reviews, 2018, 374, 114-132.	9.5	77
68	Cyclometalated Complexes of Platinum and Gold with Biological Properties: State-of-the-Art and Future Perspectives. Current Medicinal Chemistry, 2018, 25, 437-461.	1.2	57
69	(Invited) Ultrasound Application and Multi-Step Reactions in Electrodeposition of Refractory Metals. ECS Meeting Abstracts, 2018, , .	0.0	0
70	Influence of wing-tip substituents and reaction conditions on the structure, properties and cytotoxicity of Ag^{I} and Au^{I} bis(NHC) complexes. Dalton Transactions, 2017, 46, 2722-2735.	1.6	33
71	Bioconjugation strategies to couple supramolecular exo-functionalized palladium cages to peptides for biomedical applications. Chemical Communications, 2017, 53, 1405-1408.	2.2	33
72	Immobilization of N-Heterocyclic Carbene Compounds: A Synthetic Perspective. Chemical Reviews, 2017, 117, 1970-2058.	23.0	212

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73	C-S cross-coupling of aryl halides with alkyl thiols catalyzed by in-situ generated nickel(II) N-heterocyclic carbene complexes. <i>Catalysis Communications</i> , 2017, 96, 11-14.	1.6	26
74	Liberation of acrylates from nickelalactones via Ni ^{II} π -O ring opening with alkyl iodides. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3567.	1.7	7
75	Catalytic oxidation of aromatic hydrocarbons by a molecular iron ^{II} -NHC complex. <i>Catalysis Science and Technology</i> , 2017, 7, 1902-1911.	2.1	17
76	Rapid determination of complex oil well cement properties using mathematical models. <i>RSC Advances</i> , 2017, 7, 5148-5157.	1.7	5
77	Reduction of carbon dioxide and organic carbonyls by hydrosilanes catalysed by the perrhenate anion. <i>Catalysis Science and Technology</i> , 2017, 7, 2838-2845.	2.1	42
78	Speciation in iron epoxidation catalysis: A perspective on the discovery and role of non-heme iron(III)-hydroperoxo species in iron-catalyzed oxidation reactions. <i>Coordination Chemistry Reviews</i> , 2017, 352, 517-536.	9.5	71
79	Deoxydehydration of vicinal diols and polyols catalyzed by pyridinium perrhenate salts. <i>Catalysis Science and Technology</i> , 2017, 7, 5644-5649.	2.1	23
80	Mechanistic insights into the biomimetic catalytic hydroxylation of arenes by a molecular Fe(NHC) complex. <i>Journal of Catalysis</i> , 2017, 352, 599-605.	3.1	13
81	Exploring the C ^N C theme: Synthesis and biological properties of tridentate cyclometalated gold(III) complexes. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5452-5460.	1.4	32
82	A <i>meta</i> -selective-C-H alkenylation of phenol-derivatives employing a traceless organosilicon template. <i>Chemical Communications</i> , 2017, 53, 13209-13212.	2.2	29
83	Characterization of Hydrophilic Gold(I) N-Heterocyclic Carbene (NHC) Complexes as Potent TrxR Inhibitors Using Biochemical and Mass Spectrometric Approaches. <i>Inorganic Chemistry</i> , 2017, 56, 14237-14250.	1.9	76
84	On the binding modes of metal NHC complexes with DNA secondary structures: implications for therapy and imaging. <i>Chemical Communications</i> , 2017, 53, 8249-8260.	2.2	64
85	N-alkyl ammonium perrhenate salts as catalysts for the epoxidation of olefins under mild conditions. <i>Catalysis Communications</i> , 2017, 100, 103-106.	1.6	6
86	Functionalization of Ruthenium(II) Terpyridine Complexes with Cyclic RGD Peptides To Target Integrin Receptors in Cancer Cells. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1667-1672.	1.0	21
87	Olefin Epoxidation in Aqueous Phase Using Ionic-Liquid Catalysts. <i>ChemSusChem</i> , 2016, 9, 1773-1776.	3.6	25
88	Exploring Coordination Modes: Late Transition Metal Complexes with a Methylene-Bridged Macrocylic Tetra ^N -NHC Ligand. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1597-1605.	1.7	36
89	Evaluation of New Palladium Cages as Potential Delivery Systems for the Anticancer Drug Cisplatin. <i>Chemistry - A European Journal</i> , 2016, 22, 2253-2256.	1.7	119
90	Controlling Coordination Geometries: Ru ^{II} -Carbene Complexes with Tetra-NHC Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 6010-6017.	1.9	19

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91	Kinetic studies of fluorinated aryl molybdenum(tricarboxyl) precursors in epoxidation catalysis. <i>Catalysis Science and Technology</i> , 2016, 6, 4970-4977.	2.1	11
92	Supramolecular exo-functionalized palladium cages: fluorescent properties and biological activity. <i>Dalton Transactions</i> , 2016, 45, 8556-8565.	1.6	47
93	Molecular Epoxidation Reactions Catalyzed by Rhenium, Molybdenum, and Iron Complexes. <i>Chemical Record</i> , 2016, 16, 349-364.	2.9	48
94	Self-Assembled Palladium and Platinum Coordination Cages: Photophysical Studies and Anticancer Activity. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5189-5196.	1.0	40
95	Bonding and Catalytic Application of Ruthenium N-Heterocyclic Carbene Complexes Featuring Triazole, Triazolylidene, and Imidazolylidene Ligands. <i>Organometallics</i> , 2016, 35, 2980-2986.	1.1	46
96	Hydrogen Production and Storage on a Formic Acid/Bicarbonate Platform using Water-Soluble N-Heterocyclic Carbene Complexes of Late Transition Metals. <i>ChemSusChem</i> , 2016, 9, 2849-2854.	3.6	53
97	Self-assembly of highly luminescent heteronuclear coordination cages. <i>Dalton Transactions</i> , 2016, 45, 12297-12300.	1.6	47
98	Iron(II) N-heterocyclic carbene complexes in catalytic one-pot Wittig reactions: Mechanistic insights. <i>Journal of Catalysis</i> , 2016, 344, 213-220.	3.1	23
99	Self-Assembled Palladium and Platinum Coordination Cages: Photophysical Studies and Anticancer Activity. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5181-5181.	1.0	6
100	Platinum Catalysis Revisited—Unraveling Principles of Catalytic Olefin Hydrosilylation. <i>ACS Catalysis</i> , 2016, 6, 1274-1284.	5.5	140
101	$[\text{Re}(\text{CO})_3\text{Cl}(\text{C}_5\text{H}_4\text{ClP})_2]$ and $[\text{Re}(\text{CO})_2\text{Cl}(\text{C}_5\text{H}_4\text{ClP})_3]$: synthesis and characterization of two novel rhenium(phosphinine) complexes. <i>RSC Advances</i> , 2016, 6, 14134-14139.	1.7	4
102	Transition metal mediated coupling of carbon dioxide and ethene to acrylic acid/acrylates. <i>Coordination Chemistry Reviews</i> , 2016, 309, 51-67.	9.5	38
103	Tandem Suzuki–Miyaura/transfer hydrogenation reaction catalyzed by a Pd–Ru complex bearing an anionic dicarbene. <i>Journal of Catalysis</i> , 2016, 338, 222-226.	3.1	28
104	Highly integrated CO_2 capture and conversion: direct synthesis of cyclic carbonates from industrial flue gas. <i>Green Chemistry</i> , 2016, 18, 3116-3123.	4.6	111
105	Binding of molecular oxygen by an artificial heme analogue: investigation on the formation of an Fe–tetracarbene superoxo complex. <i>Dalton Transactions</i> , 2016, 45, 6449-6455.	1.6	43
106	Decoding catalytic activity of platinum carbene hydrosilylation catalysts. <i>Journal of Catalysis</i> , 2016, 337, 157-166.	3.1	23
107	Filling a Gap: Electrochemical Property Comparison of the Completed Compound Series $[\text{Mo}_2(\text{DArF})(\text{OC}_2\text{Fc})_4]$ (DArF = $\text{TjETQq1}_{1,9}$). <i>Chemistry</i> , 2016, 55, 858-864.	1.0	4
108	Cationic rhenium complexes ligated with N-heterocyclic carbenes – an overview. <i>Dalton Transactions</i> , 2016, 45, 15-31.	1.6	28

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109	Synthesis of Cyclic Carbonates from Epoxides and Carbon Dioxide by Using Organocatalysts. <i>ChemSusChem</i> , 2015, 8, 2436-2454.	3.6	410
110	Formation of Highly Strained Nâ€Heterocycles via Decomposition of Iron Nâ€Heterocyclic Carbene Complexes: The Value of Labile Fe-Ë Bonds. <i>Chemistry - A European Journal</i> , 2015, 21, 17860-17869.	1.7	16
111	Fighting Fenton Chemistry: A Highly Active Iron(III) Tetracarbene Complex in Epoxidation Catalysis. <i>ChemSusChem</i> , 2015, 8, 4056-4063.	3.6	62
112	Aryl-substituted organomolybdenum(ii) complexes as olefin epoxidation catalysts. <i>Catalysis Science and Technology</i> , 2015, 5, 4772-4777.	2.1	9
113	Ruâ€Ag and Ruâ€Au dicarbene complexes from an abnormal carbene ruthenium system. <i>Dalton Transactions</i> , 2015, 44, 11686-11689.	1.6	31
114	Iron Complexes of a Macrocyclic N-Heterocyclic Carbene/Pyridine Hybrid Ligand. <i>Organometallics</i> , 2015, 34, 2819-2825.	1.1	41
115	Katalyse - ein allgegenwÃrtiges Prinzip. <i>Chemie in Unserer Zeit</i> , 2015, 49, 219-219.	0.1	0
116	Oxidative degradation of the organometallic iron(II) complex [Fe{bis[3-(pyridin-2-yl)-1- <i>H</i> -imidazol-1-yl]methane}(MeCN)(PMe ₃)(PF ₆) ₂]: structure of the ligand decomposition product trapped via coordination to iron(II). <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 1096-1099.	0.2	2
117	Application of Open Chain Tetraimidazolium Salts as Precursors for the Synthesis of Silver Tetra(NHC) Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 415-417.	1.9	39
118	Catalytic epoxidation by perrhenate through the formation of organic-phase supramolecular ion pairs. <i>Chemical Communications</i> , 2015, 51, 3399-3402.	2.2	20
119	Spectroscopic and Structural Properties of Bridge-Functionalized Dinuclear Coinage-Metal (Cu, Ag, Tl) Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 10784-10791.	1.1	45
120	Influence of structural and electronic properties of organomolybdenum(ii) complexes of the type [CpMo(CO)3R] and [CpMo(O)2(O)R] (R = Cl, CH3, CF3) on the catalytic olefin epoxidation. <i>Catalysis Science and Technology</i> , 2015, 5, 2282-2289.	2.1	13
121	Methyltrioxorhenium-catalyzed highly selective dihydroxylation of 1,2-allenyl diphenyl phosphine oxides. <i>Chemical Communications</i> , 2015, 51, 7439-7442.	2.2	16
122	Oxidation of [CpMo(CO)3R] olefin epoxidation precatalysts with tert-butylhydroperoxide. <i>Journal of Catalysis</i> , 2015, 329, 269-285.	3.1	13
123	Catalytically active perrhenate based ionic liquids: a preliminary ecotoxicity and biodegradability assessment. <i>New Journal of Chemistry</i> , 2015, 39, 5431-5436.	1.4	13
124	Synthesis and Electrochemical Properties of <i>cis</i> - and <i>trans</i> -[Mo ₂ (O) ₂ C-Fc] ₂ (DArF) ₂ (O ₂ C-Fc = Ferrocenecarboxylate; DArF = <i>N,N</i> -Diarylformamidinate). <i>Inorganic Chemistry</i> , 2015, 54, 6631-6640.	1.9	5
125	Immobilisation of a molecular epoxidation catalyst on UiO-66 and -67: the effect of pore size on catalyst activity and recycling. <i>Dalton Transactions</i> , 2015, 44, 15976-15983.	1.6	38
126	Structural diversity of late transition metal complexes with flexible tetra-NHC ligands. <i>Dalton Transactions</i> , 2015, 44, 18329-18339.	1.6	45

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127	Rational Synthesis and Characterization of Dimolybdenum(II) Compounds Bearing Ferrocenyl-Containing Ligands toward Modulation of Electronic Coupling. <i>Inorganic Chemistry</i> , 2015, 54, 3272-3280.	1.9	4
128	Direct Synthesis and Bonding Properties of the First η^4 - η^2 , η^2 -Allyl-Bridged Diiridium Complex. <i>Inorganic Chemistry</i> , 2015, 54, 4600-4602.	1.9	2
129	Influence of substituents on cation π -anion contacts in imidazolium perrhenates. <i>Dalton Transactions</i> , 2015, 44, 8669-8677.	1.6	9
130	From Simple Ligands to Complex Structures: Structural Diversity of Silver(I) Complexes Bearing Tetradentate (κ^4 -alkylene/ κ^2 -bimpy) NHC Ligands. <i>Organometallics</i> , 2015, 34, 1522-1529.	1.1	15
131	Organorhenium dioxides as oxygen transfer systems: Synthesis, reactivity, and applications. <i>Coordination Chemistry Reviews</i> , 2015, 296, 1-23.	9.5	32
132	Synthesis and Characterization of an Iron Complex Bearing a Cyclic Tetra-N-heterocyclic Carbene Ligand: An Artificial Heme Analogue?. <i>Inorganic Chemistry</i> , 2015, 54, 3797-3804.	1.9	67
133	Iron-catalyzed oxidation of unreactive C-H bonds: Utilizing bio-inspired axial ligand modification to increase catalyst stability. <i>Journal of Catalysis</i> , 2015, 331, 147-153.	3.1	32
134	Mechanistic insights into the iridium-catalyzed hydrosilylation of allyl compounds. <i>Journal of Catalysis</i> , 2015, 331, 203-209.	3.1	9
135	Structure and spectroscopic properties of the dimeric copper(I) N-heterocyclic carbene complex $[\text{Cu}_2(\text{CNC}(\text{t-Bu})_2)_2(\text{PF}_6)_2]$. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015, 71, 643-646.	0.2	7
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