Fritz E Kuhn

List of Publications by Year
in descending order

442	19,869	14655 66	21540 114
papers	citations	h-index	g-index

462	462	462	13047
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ruthenium and Osmium Complexes Containing NHC and Ï€-Acid Ligands. , 2022, , 444-527.		1
2	Transition-metal-free synthesis of pyrimidines from lignin Î²-O-4 segments via a one-pot multi-component reaction. Nature Communications, 2022, 13, .	12.8	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.	1.8	30
4	Activation of Molecular Oxygen by a Cobalt(II) Tetraâ€NHC Complex**. Chemistry - A European Journal, 2021, 27, 1311-1315.	3.3	10
5	Degradation pathways of a highly active iron(iii) tetra-NHC epoxidation catalyst. Catalysis Science and Technology, 2021, 11, 795-799.	4.1	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.	4.6	6
7	The organometallic ferrocene exhibits amplified anti-tumor activity by targeted delivery via highly selective ligands to Î±vÎ²3, Î±vÎ²6, or Î±5Î²1 integrins. Biomaterials, 2021, 271, 120754.	11.4	14
8	Modification of bio-inspired tetra-NHC iron complexes with axial nitrile ligands. Inorganica Chimica Acta, 2021, 518, 120228.	2.4	9
9	Electric and magnetic properties of cobalt, copper and nickel organometallic complexes for molecular wires. Ain Shams Engineering Journal, 2021, 12, 2135-2144.	6.1	2
10	Sustainable Production of Benzylamines from Lignin. Angewandte Chemie - International Edition, 2021, 60, 20666-20671.	13.8	66
11	Sustainable Production of Benzylamines from Lignin. Angewandte Chemie, 2021, 133, 20834-20839.	2.0	4
12	Interfacial phenomena of magnesium hydroxide micro phases. Ain Shams Engineering Journal, 2021, 12, 3133-3140.	6.1	7
13	The effect of different hydration media on magnesia. Discover Materials, 2021, 1, 1.	2.8	3
14	Fluorescent palladium(<scp>ii</scp>) and platinum(<scp>ii</scp>) NHC/1,2,3-triazole complexes: antiproliferative activity and selectivity against cancer cells. Dalton Transactions, 2021, 50, 2158-2166.	3.3	9
15	Effect of different parameters on caustic magnesia hydration and magnesium hydroxide rheology: a review. Materials Advances, 2021, 2, 6519-6531.	5.4	14
16	Mimicking reactive high-valent diiron-Î¼2-oxo intermediates of nonheme enzymes by an iron tetracarbene complex. Chemical Communications, 2021, 57, 6644-6647.	4.1	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.	6.4	10
18	Linking Low-Coordinate Ge(II) Centers via Bridging Anionic N-Heterocyclic Olefin Ligands. Inorganic Chemistry, 2020, 59, 1592-1601.	4.0	15

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19	Exploring the Reactivity and Biological Effects of Heteroleptic Nâ€Heterocyclic Carbene Gold(I)â€Alkynyl Complexes. European Journal of Inorganic Chemistry, 2020, 2020, 1040-1051.	2.0	26
20	An Adaptable Nâ€Heterocyclic Carbene Macrocycle Hosting Copper in Three Oxidation States. Angewandte Chemie, 2020, 132, 5745-5754.	2.0	5
21	An Adaptable Nâ€Heterocyclic Carbene Macrocycle Hosting Copper in Three Oxidation States. Angewandte Chemie - International Edition, 2020, 59, 5696-5705.	13.8	27
22	Tuning the electronic properties of tetradentate iron-NHC complexes: Towards stable and selective epoxidation catalysts. Journal of Catalysis, 2020, 391, 548-561.	6.2	15
23	Improved Antiproliferative Activity and Fluorescence of a Dinuclear Gold(I) Bisimidazolylidene Complex via Anthraceneâ€Modification. Chemistry - an Asian Journal, 2020, 15, 4275-4279.	3.3	7
24	Macrocyclic NHC complexes of group 10 elements with enlarged aromaticity for biological studies. Dalton Transactions, 2020, 49, 14106-14114.	3.3	14
25	Mechanisms underlying the cytotoxic activity of syn/anti-isomers of dinuclear Au(I) NHC complexes. European Journal of Medicinal Chemistry, 2020, 203, 112576.	5.5	13
26	Visible-Light-Induced Dehydrohalogenative Coupling for Intramolecular Î±-Alkenylation: A Way to Build Seven- and Eight-Membered Rings. Organic Letters, 2020, 22, 4372-4377.	4.6	12
27	Pushing the limits of activity and stability: the effects of Lewis acids on non-heme ironâ€“NHC epoxidation catalysts. Catalysis Science and Technology, 2020, 10, 3532-3536.	4.1	18
28	Antiproliferative Activity of Functionalized Histidineâ€derived Au(I) bis â€NHC Complexes for Bioconjugation. Chemistry - an Asian Journal, 2020, 15, 2754-2762.	3.3	15
29	Dinuclear Gold(I) Complexes Bearing N,Nâ€²â€Allylâ€Bridged Bisimidazolylidene Ligands. Chemistry - an Asian Journal, 2020, 15, 1848-1851.	3.3	7
30	Electronic Finetuning of a Bioâ€inspired Iron(II) tetraâ€NHC Complex by trans Axial Isocyanide Substitution. Chemistry - an Asian Journal, 2020, 15, 1896-1902.	3.3	11
31	Acetate Acetylacetonate Ampy Ruthenium(II) Complexes as Efficient Catalysts for Ketone Transfer Hydrogenation. ChemCatChem, 2020, 12, 3537-3544.	3.7	11
32	Mixed tetradentate NHC/1,2,3-triazole iron complexes bearing cis labile coordination sites as highly active catalysts in Lewis and BrÃ¸nsted acid mediated olefin epoxidation. Journal of Catalysis, 2020, 383, 144-152.	6.2	19
33	Highly luminescent metallacages featuring bispyridyl ligands functionalised with BODIPY for imaging in cancer cells. Journal of Inorganic Biochemistry, 2019, 199, 110781.	3.5	21
34	Highly Efficient Abnormal NHC Ruthenium Catalyst for Oppenauer-Type Oxidation and Transfer Hydrogenation Reactions. ACS Catalysis, 2019, 9, 11302-11306.	11.2	33
35	Reactivity Studies of a Dipyridine Ethinyl Ligand with Zinc(II). European Journal of Inorganic Chemistry, 2019, 2019, 5059-5065.	2.0	2
36	Dinuclear zwitterionic silver(<scp>i</scp>) and gold(<scp>i</scp>) complexes bearing 2,2-acetate-bridged bisimidazolylidene ligands. Dalton Transactions, 2019, 48, 14036-14043.	3.3	12

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37	Highly selective AlCl₃ initiated intramolecular Î±-alkylation of Î±,Î²-unsaturated lactams and lactones. Organic and Biomolecular Chemistry, 2019, 17, 49-52.	2.8	4
38	Cationic abnormal N-heterocyclic carbene ruthenium complexes as suitable precursors for the synthesis of heterobimetallic compounds. Dalton Transactions, 2019, 48, 79-89.	3.3	15
39	Effect of Conducting Salts in Ionic Liquid Electrolytes for Enhanced Cyclability of Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2019, 11, 23972-23981.	8.0	27
40	Ferrocene derivatives as anti-infective agents. Coordination Chemistry Reviews, 2019, 396, 22-48.	18.8	87
41	Speciation and toxicity of rhenium salts, organometallics and coordination complexes. Coordination Chemistry Reviews, 2019, 394, 135-161.	18.8	32
42	Organometallic and coordination rhenium compounds and their potential in cancer therapy. Coordination Chemistry Reviews, 2019, 393, 79-117.	18.8	135
43	Synthesis, Characterization and Biological and Catalytic Activities of Propionitril: Ligated Transition Metal Complexes with [B(C6F5)4] as Counter Anion. Catalysis Letters, 2019, 149, 2317-2324.	2.6	5
44	Et2Zn-mediated stoichiometric C(sp)-H silylation of 1-alkynes and chlorosilanes. Tetrahedron Letters, 2019, 60, 1574-1577.	1.4	10
45	Investigation of the Electrochemical and Thermal Stability of an Ionic Liquid Based Na_{0.6}Co_{0.1}Mn_{0.9}O₂/Na_{2.55}V₆O₁₆ Sodium-Ion Full-Cell. Journal of the Electrochemical Society, 2019, 166, A944-A952.	3.9	4
46	Ru(O₂CCF₃)₂(PPh₃)₂ and ruthenium phosphine complexes bearing fluoroacetate ligands: synthesis, characterization and catalytic activity. Dalton Transactions, 2019, 48, 4625-4635.	3.3	10
47	Bridge-functionalized bisimidazolium bromides as catalysts for the conversion of epoxides to cyclic carbonates with CO2. Catalysis Communications, 2019, 124, 118-122.	3.3	15
48	Reactivity of Re2O7 in aromatic solvents â€“ Cleavage of a Î²-O-4 lignin model substrate by Lewis-acidic rhenium oxide nanoparticles. Journal of Catalysis, 2019, 373, 190-200.	6.2	10
49	Ethyltrioxorhenium â€“ Catalytic application and decomposition pathways. Journal of Organometallic Chemistry, 2019, 885, 32-38.	1.8	4
50	Synthesis and Characterization of New Nâ€Heterocyclic Silylazides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 207-211.	1.2	0
51	Synthesis, characterization, and biological studies of multidentate gold(<scp>i</scp>) and gold(<scp>iii</scp>) NHC complexes. Dalton Transactions, 2019, 48, 16615-16625.	3.3	19
52	Exploring different coordination modes of the first tetradentate NHC/1,2,3-triazole hybrid ligand for group 10 complexes. Dalton Transactions, 2019, 48, 14820-14828.	3.3	7
53	Medicinal Applications of Gold(I/III)-Based Complexes Bearing N-Heterocyclic Carbene and Phosphine Ligands. Journal of Organometallic Chemistry, 2018, 866, 153-164.	1.8	72
54	Structure and vibrational spectroscopic study of phthalimido-functionalized N-heterocyclic palladium complexes. Correlations between structure and catalytic activity. Journal of Organometallic Chemistry, 2018, 869, 233-250.	1.8	2

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55	Synthesis, characterization and derivatization of hydroxyl-functionalized iron(<scp>ii</scp>) bis(NHC) complexes. Dalton Transactions, 2018, 47, 1857-1867.	3.3	4
56	Pyridine Functionalized N-Heterocyclic Silane Complexes of Iridium and Rhodiumâ€“An Unexpected Change in Coordination. Organometallics, 2018, 37, 136-144.	2.3	2
57	Water-soluble transition metal complexes of ruthenium(<scp>ii</scp>), osmium(<scp>ii</scp>), rhodium(<scp>iii</scp>) and iridium(<scp>iii</scp>) with chelating N-heterocyclic carbene ligands in hydrogenation and transfer hydrogenation catalysis. Dalton Transactions, 2018, 47, 2318-2329.	3.3	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.	2.8	21
59	Capping nido-Nonagermanide Clusters with M-PPh₃ and Dynamics in Solution: Synthesis and Structure of closo-[(Me₃Si)₃Si]₃Et[Ge₉M](PPh₃) (M = Ni, Pt). Organometallics, 2018, 37, 4560-4567.	2.3	13
60	(Invited) Ultrasound Application and Multi-Step Reactions in Electrodeposition of Refractory Metals. ECS Transactions, 2018, 86, 3-19.	0.5	0
61	Current advances in the catalytic conversion of carbon dioxide by molecular catalysts: an update. Dalton Transactions, 2018, 47, 13281-13313.	3.3	104
62	A bench stable formal Cu(<scp>iii</scp>) N-heterocyclic carbene accessible from simple copper(<scp>ii</scp>) acetate. Chemical Science, 2018, 9, 8307-8314.	7.4	28
63	Selective and catalytic carbon dioxide and heteroallene activation mediated by cerium N-heterocyclic carbene complexes. Chemical Science, 2018, 9, 8035-8045.	7.4	39
64	On the Mechanism of Gold/NHC Compounds Binding to DNA Gâ€Quadruplexes: Combined Metadynamics and Biophysical Methods. Angewandte Chemie, 2018, 130, 14732-14736.	2.0	16
65	On the Mechanism of Gold/NHC Compounds Binding to DNA Gâ€Quadruplexes: Combined Metadynamics and Biophysical Methods. Angewandte Chemie - International Edition, 2018, 57, 14524-14528.	13.8	60
66	Synthesis, characterization and application of organorhenium(vii) trioxides in metathesis reactions and epoxidation catalysis. Dalton Transactions, 2018, 47, 9755-9764.	3.3	10
67	Current advances on ruthenium(II) N-heterocyclic carbenes in hydrogenation reactions. Coordination Chemistry Reviews, 2018, 374, 114-132.	18.8	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.	2.4	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(<scp>i</scp>)â€“ and Au(<scp>i</scp>)â€“bis(NHC) complexes. Dalton Transactions, 2017, 46, 2722-2735.	3.3	33
71	Bioconjugation strategies to couple supramolecular exo-functionalized palladium cages to peptides for biomedical applications. Chemical Communications, 2017, 53, 1405-1408.	4.1	33
72	Immobilization of N-Heterocyclic Carbene Compounds: A Synthetic Perspective. Chemical Reviews, 2017, 117, 1970-2058.	47.7	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. Catalysis Communications, 2017, 96, 11-14.	3.3	26
74	Liberation of acrylates from nickelalactones via Niâ”€O ring opening with alkyl iodides. Applied Organometallic Chemistry, 2017, 31, e3567.	3.5	7
75	Catalytic oxidation of aromatic hydrocarbons by a molecular ironâ€“NHC complex. Catalysis Science and Technology, 2017, 7, 1902-1911.	4.1	17
76	Rapid determination of complex oil well cement properties using mathematical models. RSC Advances, 2017, 7, 5148-5157.	3.6	5
77	Reduction of carbon dioxide and organic carbonyls by hydrosilanes catalysed by the perrhenate anion. Catalysis Science and Technology, 2017, 7, 2838-2845.	4.1	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. Coordination Chemistry Reviews, 2017, 352, 517-536.	18.8	71
79	Deoxydehydration of vicinal diols and polyols catalyzed by pyridinium perrhenate salts. Catalysis Science and Technology, 2017, 7, 5644-5649.	4.1	23
80	Mechanistic insights into the biomimetic catalytic hydroxylation of arenes by a molecular Fe(NHC) complex. Journal of Catalysis, 2017, 352, 599-605.	6.2	13
81	Exploring the C^N^C theme: Synthesis and biological properties of tridentate cyclometalated gold(III) complexes. Bioorganic and Medicinal Chemistry, 2017, 25, 5452-5460.	3.0	32
82	A meta-selective-Câ€“H alkenylation of phenol-derivatives employing a traceless organosilicon template. Chemical Communications, 2017, 53, 13209-13212.	4.1	29
83	Characterization of Hydrophilic Gold(I) N-Heterocyclic Carbene (NHC) Complexes as Potent TrxR Inhibitors Using Biochemical and Mass Spectrometric Approaches. Inorganic Chemistry, 2017, 56, 14237-14250.	4.0	76
84	On the binding modes of metal NHC complexes with DNA secondary structures: implications for therapy and imaging. Chemical Communications, 2017, 53, 8249-8260.	4.1	64
85	N-alkyl ammonium perrhenate salts as catalysts for the epoxidation of olefins under mild conditions. Catalysis Communications, 2017, 100, 103-106.	3.3	6
86	Functionalization of Ruthenium(II) Terpyridine Complexes with Cyclic RGD Peptides To Target Integrin Receptors in Cancer Cells. European Journal of Inorganic Chemistry, 2017, 2017, 1667-1672.	2.0	21
87	Olefin Epoxidation in Aqueous Phase Using Ionicâ€Liquid Catalysts. ChemSusChem, 2016, 9, 1773-1776.	6.8	25
88	Exploring Coordination Modes: Late Transition Metal Complexes with a Methyleneâ€bridged Macrocyclic Tetraâ€NHC Ligand. Chemistry - an Asian Journal, 2016, 11, 1597-1605.	3.3	36
89	Evaluation of New Palladium Cages as Potential Delivery Systems for the Anticancer Drug Cisplatin. Chemistry - A European Journal, 2016, 22, 2253-2256.	3.3	119
90	Controlling Coordination Geometries: Ruâ€“Carbene Complexes with Tetra-NHC Ligands. Inorganic Chemistry, 2016, 55, 6010-6017.	4.0	19

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91	Kinetic studies of fluorinated aryl molybdenum(<scp>ii</scp>) tricarbonyl precursors in epoxidation catalysis. Catalysis Science and Technology, 2016, 6, 4970-4977.	4.1	11
92	Supramolecular exo-functionalized palladium cages: fluorescent properties and biological activity. Dalton Transactions, 2016, 45, 8556-8565.	3.3	47
93	Molecular Epoxidation Reactions Catalyzed by Rhenium, Molybdenum, and Iron Complexes. Chemical Record, 2016, 16, 349-364.	5.8	48
94	Self-Assembled Palladium and Platinum Coordination Cages: Photophysical Studies and Anticancer Activity. European Journal of Inorganic Chemistry, 2016, 2016, 5189-5196.	2.0	40
95	Bonding and Catalytic Application of Ruthenium N-Heterocyclic Carbene Complexes Featuring Triazole, Triazolylidene, and Imidazolylidene Ligands. Organometallics, 2016, 35, 2980-2986.	2.3	46
96	Hydrogen Production and Storage on a Formic Acid/Bicarbonate Platform using Waterâ€Soluble Nâ€Heterocyclic Carbene Complexes of Late Transition Metals. ChemSusChem, 2016, 9, 2849-2854.	6.8	53
97	Self-assembly of highly luminescent heteronuclear coordination cages. Dalton Transactions, 2016, 45, 12297-12300.	3.3	47
98	Iron(II) N-heterocyclic carbene complexes in catalytic one-pot Wittig reactions: Mechanistic insights. Journal of Catalysis, 2016, 344, 213-220.	6.2	23
99	Self-Assembled Palladium and Platinum Coordination Cages: Photophysical Studies and Anticancer Activity. European Journal of Inorganic Chemistry, 2016, 2016, 5181-5181.	2.0	6
100	Platinum Catalysis Revisitedâ€”Unraveling Principles of Catalytic Olefin Hydrosilylation. ACS Catalysis, 2016, 6, 1274-1284.	11.2	140
101	[Re(CO)₃Cl(C₅H₄ClP)₂] and [Re(CO)₂Cl(C₅H₄ClP)₃]: synthesis and characterization of two novel rhenium(<scp>i</scp>) phosphinine complexes. RSC Advances, 2016, 6, 14134-14139.	3.6	4
102	Transition metal mediated coupling of carbon dioxide and ethene to acrylic acid/acrylates. Coordination Chemistry Reviews, 2016, 309, 51-67.	18.8	38
103	Tandem Suzukiâ€“Miyaura/transfer hydrogenation reaction catalyzed by a Pdâ€“Ru complex bearing an anionic dicarbene. Journal of Catalysis, 2016, 338, 222-226.	6.2	28
104	Highly integrated CO₂capture and conversion: direct synthesis of cyclic carbonates from industrial flue gas. Green Chemistry, 2016, 18, 3116-3123.	9.0	111
105	Binding of molecular oxygen by an artificial heme analogue: investigation on the formation of an Feâ€“tetracarbene superoxo complex. Dalton Transactions, 2016, 45, 6449-6455.	3.3	43
106	Decoding catalytic activity of platinum carbene hydrosilylation catalysts. Journal of Catalysis, 2016, 337, 157-166.	6.2	23
107	Filling a Gap: Electrochemical Property Comparison of the Completed Compound Series [Mo₂(DArF)_n(O₂C-Fc)_{4â€“n}] (DArF =) Tj ETQq1 1 0.784314 rgBT / Chemistry, 2016, 55, 858-864.	4.0	4
108	Cationic rhenium complexes ligated with N-heterocyclic carbenes â€“ an overview. Dalton Transactions, 2016, 45, 15-31.	3.3	28

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109	Synthesis of Cyclic Carbonates from Epoxides and Carbon Dioxide by Using Organocatalysts. ChemSusChem, 2015, 8, 2436-2454.	6.8	410
110	Formation of Highly Strained Nâ€Heterocycles via Decomposition of Iron Nâ€Heterocyclic Carbene Complexes: The Value of Labile Feï£¿C Bonds. Chemistry - A European Journal, 2015, 21, 17860-17869.	3.3	16
111	Fighting Fenton Chemistry: A Highly Active Iron(III) Tetracarbene Complex in Epoxidation Catalysis. ChemSusChem, 2015, 8, 4056-4063.	6.8	62
112	Aryl-substituted organomolybdenum(ii) complexes as olefin epoxidation catalysts. Catalysis Science and Technology, 2015, 5, 4772-4777.	4.1	9
113	Ruâ€“Ag and Ruâ€“Au dicarbene complexes from an abnormal carbene ruthenium system. Dalton Transactions, 2015, 44, 11686-11689.	3.3	31
114	Iron Complexes of a Macrocyclic N-Heterocyclic Carbene/Pyridine Hybrid Ligand. Organometallics, 2015, 34, 2819-2825.	2.3	41
115	Katalyse - ein allgegenwÃrtiges Prinzip. Chemie in Unserer Zeit, 2015, 49, 219-219.	0.1	0
116	Oxidative degradation of the organometallic iron(II) complex [Fe{bis[3-(pyridin-2-yl)-1H-imidazol-1-yl]methane}(MeCN)(PMe₃)](PF₆)₂: structure of the ligand decomposition product trappedviacoordination to iron(II). Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 1096-1099.	0.5	2
117	Application of Open Chain Tetraimidazolium Salts as Precursors for the Synthesis of Silver Tetra(NHC) Complexes. Inorganic Chemistry, 2015, 54, 415-417.	4.0	39
118	Catalytic epoxidation by perrhenate through the formation of organic-phase supramolecular ion pairs. Chemical Communications, 2015, 51, 3399-3402.	4.1	20
119	Spectroscopic and Structural Properties of Bridge-Functionalized Dinuclear Coinage-Metal (Cu, Ag,) Tj ETQq1 1 0.784314 rgBT /Overl	2.3	45
120	Influence of structural and electronic properties of organomolybdenum(ii) complexes of the type [CpMo(CO)3R] and [CpMo(O2)(O)R] (R = Cl, CH3, CF3) on the catalytic olefin epoxidation. Catalysis Science and Technology, 2015, 5, 2282-2289.	4.1	13
121	Methyltrioxorhenium-catalyzed highly selective dihydroxylation of 1,2-allenylic diphenyl phosphine oxides. Chemical Communications, 2015, 51, 7439-7442.	4.1	16
122	Oxidation of [CpMo(CO)3R] olefin epoxidation precatalysts with tert-butylhydroperoxide. Journal of Catalysis, 2015, 329, 269-285.	6.2	13
123	Catalytically active perrhenate based ionic liquids: a preliminary ecotoxicity and biodegradability assessment. New Journal of Chemistry, 2015, 39, 5431-5436.	2.8	13
124	Synthesis and Electrochemical Properties of cis- and trans-[Mo₂(O₂C-Fc)₂(DArF)₂] (O₂C-Fc = Ferrocenecarboxylate; DArF = N,Nâ€²-Diarylformamidinate). Inorganic Chemistry, 2015, 54, 6631-6640.	4.0	5
125	Immobilisation of a molecular epoxidation catalyst on UiO-66 and -67: the effect of pore size on catalyst activity and recycling. Dalton Transactions, 2015, 44, 15976-15983.	3.3	38
126	Structural diversity of late transition metal complexes with flexible tetra-NHC ligands. Dalton Transactions, 2015, 44, 18329-18339.	3.3	45

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127	Rational Synthesis and Characterization of Dimolybdenum(II) Compounds Bearing Ferrocenyl-Containing Ligands toward Modulation of Electronic Coupling. Inorganic Chemistry, 2015, 54, 3272-3280.	4.0	4
128	Direct Synthesis and Bonding Properties of the First Î¼2-Î·2,Î·2-Allyl-Bridged Diiridium Complex. Inorganic Chemistry, 2015, 54, 4600-4602.	4.0	2
129	Influence of substituents on cationâ€“anion contacts in imidazolium perrhenates. Dalton Transactions, 2015, 44, 8669-8677.	3.3	9
130	From Simple Ligands to Complex Structures: Structural Diversity of Silver(I) Complexes Bearing Tetradentate (^{alkylene}bimpy) NHC Ligands. Organometallics, 2015, 34, 1522-1529.	2.3	15
131	Organorhenium dioxides as oxygen transfer systems: Synthesis, reactivity, and applications. Coordination Chemistry Reviews, 2015, 296, 1-23.	18.8	32
132	Synthesis and Characterization of an Iron Complex Bearing a Cyclic Tetra-N-heterocyclic Carbene Ligand: An Artifical Heme Analogue?. Inorganic Chemistry, 2015, 54, 3797-3804.	4.0	67
133	Iron-catalyzed oxidation of unreactive C H bonds: Utilizing bio-inspired axial ligand modification to increase catalyst stability. Journal of Catalysis, 2015, 331, 147-153.	6.2	32
134	Mechanistic insights into the iridium-catalyzed hydrosilylation of allyl compounds. Journal of Catalysis, 2015, 331, 203-209.	6.2	9
135	Structure and spectroscopic properties of the dimeric copper(I) N-heterocyclic carbene complex [Cu₂(CNC_{t-Bu})₂](PF₆)₂. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 643-646.	0.5	7
136	NHC Versus Pyridine: How â€œTeethâ€•Change the Redox Behavior of Iron(II) Complexes. Organometallics, 2015, 34, 5155-5166.	2.3	23
137	Isocyanide substitution reactions at the trans labile sites of an iron(<scp>ii</scp>) N-heterocyclic carbene complex. RSC Advances, 2015, 5, 85486-85493.	3.6	12
138	Molecular iron complexes as catalysts for selective Câ€“H bond oxygenation reactions. Chemical Communications, 2015, 51, 17193-17212.	4.1	130
139	Hydroxyâ€Functionalized Imidazolium Bromides as Catalysts for the Cycloaddition of CO₂ and Epoxides to Cyclic Carbonates. ChemCatChem, 2015, 7, 94-98.	3.7	132
140	Comparative study of new chromium-based catalysts for the selective tri- and tetramerization of ethylene. Catalysis Science and Technology, 2015, 5, 1678-1682.	4.1	28
141	Olefin epoxidation with hydrogen peroxide using octamolybdate-based self-separating catalysts. Green Chemistry, 2015, 17, 1186-1193.	9.0	44
142	Preliminary toxicity and ecotoxicity assessment of methyltrioxorhenium and its derivatives. Green Chemistry, 2015, 17, 1136-1144.	9.0	16
143	Synthesis and characterization of dimeric and square-shaped dicarboxylate-bridged dimolybdenum(II) coordination compounds. Inorganica Chimica Acta, 2015, 424, 210-215.	2.4	2
144	Dinuclear palladium complexes of pyrazolato-bridged imidazolium- and NHC-ligands: Synthesis and characterization. Journal of Organometallic Chemistry, 2015, 775, 130-136.	1.8	9

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145	Cï£¿H Bond Activation by fâ€Block Complexes. Angewandte Chemie - International Edition, 2015, 54, 82-100.	13.8	197
146	Structure and Dynamics of Imidazolium- and Pyridinium-Substituted Î·³-Cycloheptatrienide-Pd Complexes. Organometallics, 2014, 33, 6398-6407.	2.3	7
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