

# Fritz E Kuhn

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

449  
papers

17,057  
citations

62  
h-index

106  
g-index

462  
ext. papers

18,431  
ext. citations

5.9  
avg, IF

6.9  
L-index

#	Paper	IF	Citations
449	Ruthenium and Osmium Complexes Containing NHC and $\beta$ -Acid Ligands <b>2022</b> ,		0
448	Gold(I) Bis(1,2,3-triazol-5-ylidene) Complexes as Promising Selective Anticancer Compounds. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 15747-15757	8.3	1
447	The organometallic ferrocene exhibits amplified anti-tumor activity by targeted delivery via highly selective ligands to $\alpha_5\beta_1$ , $\alpha_5\beta_2$ , or $\beta_3\alpha_1$ integrins. <i>Biomaterials</i> , <b>2021</b> , 271, 120754	15.6	3
446	Modification of bio-inspired tetra-NHC iron complexes with axial nitrile ligands. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 518, 120228	2.7	5
445	Electric and magnetic properties of cobalt, copper and nickel organometallic complexes for molecular wires. <i>Ain Shams Engineering Journal</i> , <b>2021</b> , 12, 2135-2144	4.4	0
444	Anticancer and antibacterial properties of trinuclear Cu(I), Ag(I) and Au(I) macrocyclic NHC/urea complexes. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 932, 121643	2.3	10
443	Activation of Molecular Oxygen by a Cobalt(II) Tetra-NHC Complex*. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 1311-1315	4.8	7
442	Degradation pathways of a highly active iron(III) tetra-NHC epoxidation catalyst. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 795-799	5.5	4
441	Visible Light-Induced Pericyclic Cascade Reaction for the Synthesis of Quinolinone Derivatives with an Oxabicyclo[4.2.0]octene Skeleton. <i>Organic Letters</i> , <b>2021</b> , 23, 2959-2963	6.2	2
440	Sustainable Production of Benzylamines from Lignin. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 20666-20671	16.4	12
439	Sustainable Production of Benzylamines from Lignin. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 20834-20839	3.6	0
438	Interfacial phenomena of magnesium hydroxide micro phases. <i>Ain Shams Engineering Journal</i> , <b>2021</b> , 12, 3133-3140	4.4	2
437	The effect of different hydration media on magnesia. <i>Discover Materials</i> , <b>2021</b> , 1, 1		1
436	Fluorescent palladium(II) and platinum(II) NHC/1,2,3-triazole complexes: antiproliferative activity and selectivity against cancer cells. <i>Dalton Transactions</i> , <b>2021</b> , 50, 2158-2166	4.3	4
435	Mimicking reactive high-valent diiron-oxo intermediates of nonheme enzymes by an iron tetracarbene complex. <i>Chemical Communications</i> , <b>2021</b> , 57, 6644-6647	5.8	5
434	Visible-Light-Induced Dehydrohalogenative Coupling for Intramolecular $\beta$ -Alkenylation: A Way to Build Seven- and Eight-Membered Rings. <i>Organic Letters</i> , <b>2020</b> , 22, 4372-4377	6.2	7
433	Pushing the limits of activity and stability: the effects of Lewis acids on non-heme iron-NHC epoxidation catalysts. <i>Catalysis Science and Technology</i> , <b>2020</b> , 10, 3532-3536	5.5	13

432	Antiproliferative Activity of Functionalized Histidine-derived Au(I) bis-NHC Complexes for Bioconjugation. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 2754-2762	4.5	7
431	Das Element Sauerstoff. <i>Chemie in Unserer Zeit</i> , <b>2020</b> , 54, 154-165	0.2	1
430	Dinuclear Gold(I) Complexes Bearing N,N'-Allyl-Bridged Bisimidazolylidene Ligands. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 1848-1851	4.5	6
429	Electronic Finetuning of a Bio-inspired Iron(II) tetra-NHC Complex by trans Axial Isocyanide Substitution. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 1896-1902	4.5	10
428	Acetate Acetylacetonate Ampy Ruthenium(II) Complexes as Efficient Catalysts for Ketone Transfer Hydrogenation. <i>ChemCatChem</i> , <b>2020</b> , 12, 3537-3544	5.2	6
427	Mixed tetradentate NHC/1,2,3-triazole iron complexes bearing cis labile coordination sites as highly active catalysts in Lewis and Brønsted acid mediated olefin epoxidation. <i>Journal of Catalysis</i> , <b>2020</b> , 383, 144-152	7.3	13
426	Exploring the Reactivity and Biological Effects of Heteroleptic N-Heterocyclic Carbene Gold(I)-Alkynyl Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 1040-1051	2.3	13
425	An Adaptable N-Heterocyclic Carbene Macrocycle Hosting Copper in Three Oxidation States. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 5745-5754	3.6	0
424	An Adaptable N-Heterocyclic Carbene Macrocycle Hosting Copper in Three Oxidation States. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 5696-5705	16.4	13
423	Tuning the electronic properties of tetradentate iron-NHC complexes: Towards stable and selective epoxidation catalysts. <i>Journal of Catalysis</i> , <b>2020</b> , 391, 548-561	7.3	9
422	Improved Antiproliferative Activity and Fluorescence of a Dinuclear Gold(I) Bisimidazolylidene Complex via Anthracene-Modification. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 4275-4279	4.5	5
421	Macrocyclic NHC complexes of group 10 elements with enlarged aromaticity for biological studies. <i>Dalton Transactions</i> , <b>2020</b> , 49, 14106-14114	4.3	9
420	Mechanisms underlying the cytotoxic activity of syn/anti-isomers of dinuclear Au(I) NHC complexes. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 203, 112576	6.8	4
419	Linking Low-Coordinate Ge(II) Centers via Bridging Anionic N-Heterocyclic Olefin Ligands. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 1592-1601	5.1	11
418	Dinuclear zwitterionic silver(i) and gold(i) complexes bearing 2,2-acetate-bridged bisimidazolylidene ligands. <i>Dalton Transactions</i> , <b>2019</b> , 48, 14036-14043	4.3	8
417	Effect of Conducting Salts in Ionic Liquid Electrolytes for Enhanced Cyclability of Sodium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 23972-23981	9.5	13
416	Ferrocene derivatives as anti-infective agents. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 396, 22-48	23.2	34
415	Speciation and toxicity of rhenium salts, organometallics and coordination complexes. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 394, 135-161	23.2	19

414	Organometallic and coordination rhenium compounds and their potential in cancer therapy. <i>Coordination Chemistry Reviews</i> , <b>2019</b> , 393, 79-117	23.2	84
413	Synthesis, Characterization and Biological and Catalytic Activities of Propionitril: Ligated Transition Metal Complexes with [B(C6F5)4] as Counter Anion. <i>Catalysis Letters</i> , <b>2019</b> , 149, 2317-2324	2.8	5
412	Et2Zn-mediated stoichiometric C(sp)-H silylation of 1-alkynes and chlorosilanes. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 1574-1577	2	5
411	Investigation of the Electrochemical and Thermal Stability of an Ionic Liquid Based Na0.6Co0.1Mn0.9O2/Na2.55V6O16 Sodium-Ion Full-Cell. <i>Journal of the Electrochemical Society</i> , <b>2019</b> , 166, A944-A952	3.9	3
410	Ru(OCCF)(PPh) and ruthenium phosphine complexes bearing fluoroacetate ligands: synthesis, characterization and catalytic activity. <i>Dalton Transactions</i> , <b>2019</b> , 48, 4625-4635	4.3	10
409	Bridge-functionalized bisimidazolium bromides as catalysts for the conversion of epoxides to cyclic carbonates with CO2. <i>Catalysis Communications</i> , <b>2019</b> , 124, 118-122	3.2	9
408	Reactivity of Re2O7 in aromatic solvents [Cleavage of a $\beta$ -O-4 lignin model substrate by Lewis-acidic rhenium oxide nanoparticles. <i>Journal of Catalysis</i> , <b>2019</b> , 373, 190-200	7.3	6
407	Ethyltrioxorhenium [Catalytic application and decomposition pathways. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 885, 32-38	2.3	3
406	Synthesis and Characterization of New N-Heterocyclic Silylazides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2019</b> , 645, 207-211	1.3	
405	Highly luminescent metallacages featuring bispyridyl ligands functionalised with BODIPY for imaging in cancer cells. <i>Journal of Inorganic Biochemistry</i> , <b>2019</b> , 199, 110781	4.2	13
404	Highly Efficient Abnormal NHC Ruthenium Catalyst for Oppenauer-Type Oxidation and Transfer Hydrogenation Reactions. <i>ACS Catalysis</i> , <b>2019</b> , 9, 11302-11306	13.1	17
403	Reactivity Studies of a Dipyridine Ethinyl Ligand with Zinc(II). <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 5059-5065	2.3	2
402	Synthesis, characterization, and biological studies of multidentate gold(i) and gold(iii) NHC complexes. <i>Dalton Transactions</i> , <b>2019</b> , 48, 16615-16625	4.3	16
401	Exploring different coordination modes of the first tetradentate NHC/1,2,3-triazole hybrid ligand for group 10 complexes. <i>Dalton Transactions</i> , <b>2019</b> , 48, 14820-14828	4.3	4
400	Brot aus Luft [und andere chemische Beitrage zur Welternahrung. <i>Chemie in Unserer Zeit</i> , <b>2019</b> , 53, 112-124	0.2	3
399	Highly selective AlCl3 initiated intramolecular $\alpha$ -alkylation of $\beta$ -unsaturated lactams and lactones. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 17, 49-52	3.9	2
398	Cationic abnormal N-heterocyclic carbene ruthenium complexes as suitable precursors for the synthesis of heterobimetallic compounds. <i>Dalton Transactions</i> , <b>2018</b> , 48, 79-89	4.3	11
397	Medicinal Applications of Gold(I/III)-Based Complexes Bearing N-Heterocyclic Carbene and Phosphine Ligands. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 866, 153-164	2.3	51

396	Structure and vibrational spectroscopic study of phthalimido-functionalized N-heterocyclic palladium complexes. Correlations between structure and catalytic activity. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 869, 233-250	2.3	1
395	Synthesis, characterization and derivatization of hydroxyl-functionalized iron(ii) bis(NHC) complexes. <i>Dalton Transactions</i> , <b>2018</b> , 47, 1857-1867	4.3	4
394	Pyridine Functionalized N-Heterocyclic Silane Complexes of Iridium and Rhodium: An Unexpected Change in Coordination. <i>Organometallics</i> , <b>2018</b> , 37, 136-144	3.8	2
393	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. <i>Dalton Transactions</i> , <b>2018</b> , 47, 2318-2329	4.3	16
392	Synthesis, characterization and application of organorhenium(vii) trioxides in metathesis reactions and epoxidation catalysis. <i>Dalton Transactions</i> , <b>2018</b> , 47, 9755-9764	4.3	9
391	Current advances on ruthenium(II) N-heterocyclic carbenes in hydrogenation reactions. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 374, 114-132	23.2	50
390	Cyclometalated Complexes of Platinum and Gold with Biological Properties: State-of-the-Art and Future Perspectives. <i>Current Medicinal Chemistry</i> , <b>2018</b> , 25, 437-461	4.3	39
389	Synthesis and physicochemical characterization of room temperature ionic liquids and their application in sodium ion batteries. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 29412-29422	3.6	12
388	C-H Bond Oxidation with Transition-Metal-Based Carbene Complexes <b>2018</b> , 105-111		
387	Capping nido-Nonagermanide Clusters with M-PPh <sub>3</sub> and Dynamics in Solution: Synthesis and Structure of closo-[(Me <sub>3</sub> Si) <sub>3</sub> Si] <sub>3</sub> Et[Ge <sub>9</sub> M](PPh <sub>3</sub> ) (M = Ni, Pt). <i>Organometallics</i> , <b>2018</b> , 37, 4560-4567	3.8	9
386	Current advances in the catalytic conversion of carbon dioxide by molecular catalysts: an update. <i>Dalton Transactions</i> , <b>2018</b> , 47, 13281-13313	4.3	86
385	A bench stable formal Cu(iii) -heterocyclic carbene accessible from simple copper(ii) acetate. <i>Chemical Science</i> , <b>2018</b> , 9, 8307-8314	9.4	21
384	Selective and catalytic carbon dioxide and heteroallene activation mediated by cerium N-heterocyclic carbene complexes. <i>Chemical Science</i> , <b>2018</b> , 9, 8035-8045	9.4	28
383	On the Mechanism of Gold/NHC Compounds Binding to DNA G-Quadruplexes: Combined Metadynamics and Biophysical Methods. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 14732-14736	3.6	9
382	On the Mechanism of Gold/NHC Compounds Binding to DNA G-Quadruplexes: Combined Metadynamics and Biophysical Methods. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 14524-14528	16.4	42
381	Influence of wing-tip substituents and reaction conditions on the structure, properties and cytotoxicity of Ag(i)- and Au(i)-bis(NHC) complexes. <i>Dalton Transactions</i> , <b>2017</b> , 46, 2722-2735	4.3	32
380	Bioconjugation strategies to couple supramolecular exo-functionalized palladium cages to peptides for biomedical applications. <i>Chemical Communications</i> , <b>2017</b> , 53, 1405-1408	5.8	23
379	Immobilization of N-Heterocyclic Carbene Compounds: A Synthetic Perspective. <i>Chemical Reviews</i> , <b>2017</b> , 117, 1970-2058	68.1	169

- 378 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 3.2 17
- 377 Liberation of acrylates from nickelalactones via Ni-O ring opening with alkyl iodides. *Applied Organometallic Chemistry*, **2017**, 31, e3567 3.1 4
- 376 Catalytic oxidation of aromatic hydrocarbons by a molecular iron(NHC) complex. *Catalysis Science and Technology*, **2017**, 7, 1902-1911 5.5 16
- 375 Rapid determination of complex oil well cement properties using mathematical models. *RSC Advances*, **2017**, 7, 5148-5157 3.7 5
- 374 Reduction of carbon dioxide and organic carbonyls by hydrosilanes catalysed by the perrhenate anion. *Catalysis Science and Technology*, **2017**, 7, 2838-2845 5.5 39
- 373 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 23.2 47
- 372 Deoxydehydration of vicinal diols and polyols catalyzed by pyridinium perrhenate salts. *Catalysis Science and Technology*, **2017**, 7, 5644-5649 5.5 17
- 371 Mechanistic insights into the biomimetic catalytic hydroxylation of arenes by a molecular Fe(NHC) complex. *Journal of Catalysis*, **2017**, 352, 599-605 7.3 10
- 370 Exploring the C<sup>N</sup>C theme: Synthesis and biological properties of tridentate cyclometalated gold(III) complexes. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 5452-5460 3.4 21
- 369 A meta-selective-C-H alkenylation of phenol-derivatives employing a traceless organosilicon template. *Chemical Communications*, **2017**, 53, 13209-13212 5.8 22
- 368 Water-Gas Shift Reaction **2017**, 1689-1698 2
- 367 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 5.1 58
- 366 On the binding modes of metal NHC complexes with DNA secondary structures: implications for therapy and imaging. *Chemical Communications*, **2017**, 53, 8249-8260 5.8 50
- 365 N-alkyl ammonium perrhenate salts as catalysts for the epoxidation of olefins under mild conditions. *Catalysis Communications*, **2017**, 100, 103-106 3.2 4
- 364 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 2.3 12
- 363 Metallkomplexe als Antikrebsmittel. *Chemie in Unserer Zeit*, **2017**, 51, 86-95 0.2
- 362 Self-Assembled Palladium and Platinum Coordination Cages: Photophysical Studies and Anticancer Activity. *European Journal of Inorganic Chemistry*, **2016**, 2016, 5189-5196 2.3 30
- 361 Bonding and Catalytic Application of Ruthenium N-Heterocyclic Carbene Complexes Featuring Triazole, Triazolylidene, and Imidazolylidene Ligands. *Organometallics*, **2016**, 35, 2980-2986 3.8 41

360	Toxicity Assessment of Molecular Rhenium(VII) Epoxidation Catalysts <b>2016</b> , 1-14		1
359	Hydrogen Production and Storage on a Formic Acid/Bicarbonate Platform using Water-Soluble N-Heterocyclic Carbene Complexes of Late Transition Metals. <i>ChemSusChem</i> , <b>2016</b> , 9, 2849-2854	8.3	43
358	Self-assembly of highly luminescent heteronuclear coordination cages. <i>Dalton Transactions</i> , <b>2016</b> , 45, 12297-300	4.3	36
357	Iron(II) N-heterocyclic carbene complexes in catalytic one-pot Wittig reactions: Mechanistic insights. <i>Journal of Catalysis</i> , <b>2016</b> , 344, 213-220	7.3	18
356	Self-Assembled Palladium and Platinum Coordination Cages: Photophysical Studies and Anticancer Activity. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 5181-5181	2.3	4
355	Platinum Catalysis Revisited—Unraveling Principles of Catalytic Olefin Hydrosilylation. <i>ACS Catalysis</i> , <b>2016</b> , 6, 1274-1284	13.1	101
354	[Re(CO) <sub>3</sub> Cl(C <sub>5</sub> H <sub>4</sub> ClP) <sub>2</sub> ] and [Re(CO) <sub>2</sub> Cl(C <sub>5</sub> H <sub>4</sub> ClP) <sub>3</sub> ]: synthesis and characterization of two novel rhenium(I) phosphinine complexes. <i>RSC Advances</i> , <b>2016</b> , 6, 14134-14139	3.7	4
353	Transition metal mediated coupling of carbon dioxide and ethene to acrylic acid/acrylates. <i>Coordination Chemistry Reviews</i> , <b>2016</b> , 309, 51-67	23.2	28
352	Tandem Suzuki-Miyaura/transfer hydrogenation reaction catalyzed by a PdRu complex bearing an anionic dicarbene. <i>Journal of Catalysis</i> , <b>2016</b> , 338, 222-226	7.3	24
351	Highly integrated CO <sub>2</sub> capture and conversion: direct synthesis of cyclic carbonates from industrial flue gas. <i>Green Chemistry</i> , <b>2016</b> , 18, 3116-3123	10	89
350	Binding of molecular oxygen by an artificial heme analogue: investigation on the formation of an Fe-tetracarbene superoxo complex. <i>Dalton Transactions</i> , <b>2016</b> , 45, 6449-55	4.3	36
349	Decoding catalytic activity of platinum carbene hydrosilylation catalysts. <i>Journal of Catalysis</i> , <b>2016</b> , 337, 157-166	7.3	14
348	Filling a Gap: Electrochemical Property Comparison of the Completed Compound Series [Mo <sub>2</sub> (DArF) <sub>n</sub> (O <sub>2</sub> C-Fc) <sub>4-n</sub> ] (DArF = N,N'-Diarylformamidinate; O <sub>2</sub> C-Fc = Ferrocenecarboxylate). <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 858-64	5.1	2
347	Cationic rhenium complexes ligated with N-heterocyclic carbenes - an overview. <i>Dalton Transactions</i> , <b>2016</b> , 45, 15-31	4.3	25
346	Olefin Epoxidation in Aqueous Phase Using Ionic-Liquid Catalysts. <i>ChemSusChem</i> , <b>2016</b> , 9, 1773-6	8.3	22
345	Exploring Coordination Modes: Late Transition Metal Complexes with a Methylene-bridged Macrocyclic Tetra-NHC Ligand. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 1597-605	4.5	33
344	Evaluation of New Palladium Cages as Potential Delivery Systems for the Anticancer Drug Cisplatin. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 2253-6	4.8	94
343	Controlling Coordination Geometries: Ru-Carbene Complexes with Tetra-NHC Ligands. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 6010-7	5.1	16

342	Kinetic studies of fluorinated aryl molybdenum(II) tricarbonyl precursors in epoxidation catalysis. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 4970-4977	5.5	7
341	Supramolecular exo-functionalized palladium cages: fluorescent properties and biological activity. <i>Dalton Transactions</i> , <b>2016</b> , 45, 8556-65	4.3	38
340	Molecular Epoxidation Reactions Catalyzed by Rhenium, Molybdenum, and Iron Complexes. <i>Chemical Record</i> , <b>2016</b> , 16, 349-64	6.6	40
339	Methyltrioxorhenium-catalyzed highly selective dihydroxylation of 1,2-allenyl diphenyl phosphine oxides. <i>Chemical Communications</i> , <b>2015</b> , 51, 7439-42	5.8	14
338	Oxidation of [CpMo(CO)3R] olefin epoxidation precatalysts with tert-butylhydroperoxide. <i>Journal of Catalysis</i> , <b>2015</b> , 329, 269-285	7.3	10
337	Catalytically active perrhenate based ionic liquids: a preliminary ecotoxicity and biodegradability assessment. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 5431-5436	3.6	10
336	Synthesis and Electrochemical Properties of cis- and trans-[Mo2(O2C-Fc)2(DArF)2] (O2C-Fc = Ferrocenecarboxylate; DArF = N,N'-Diarylformamidinate). <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 6631-40	5.1	5
335	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> , <b>2015</b> , 44, 15976-83	4.3	30
334	Structural diversity of late transition metal complexes with flexible tetra-NHC ligands. <i>Dalton Transactions</i> , <b>2015</b> , 44, 18329-39	4.3	38
333	Rational synthesis and characterization of dimolybdenum(II) compounds bearing ferrocenyl-containing ligands toward modulation of electronic coupling. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 3272-80	5.1	4
332	Direct Synthesis and Bonding Properties of the First (η <sup>2</sup> -η <sup>2</sup> )-Allyl-Bridged Diiridium Complex. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 4600-2	5.1	2
331	Influence of substituents on cation-anion contacts in imidazolium perrhenates. <i>Dalton Transactions</i> , <b>2015</b> , 44, 8669-77	4.3	8
330	From Simple Ligands to Complex Structures: Structural Diversity of Silver(I) Complexes Bearing Tetradentate (alkylenebimpy) NHC Ligands. <i>Organometallics</i> , <b>2015</b> , 34, 1522-1529	3.8	11
329	Organorhenium dioxides as oxygen transfer systems: Synthesis, reactivity, and applications. <i>Coordination Chemistry Reviews</i> , <b>2015</b> , 296, 1-23	23.2	31
328	Synthesis and characterization of an iron complex bearing a cyclic tetra-N-heterocyclic carbene ligand: an artificial heme analogue?. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 3797-804	5.1	58
327	Iron-catalyzed oxidation of unreactive C-H bonds: Utilizing bio-inspired axial ligand modification to increase catalyst stability. <i>Journal of Catalysis</i> , <b>2015</b> , 331, 147-153	7.3	29
326	Mechanistic insights into the iridium-catalyzed hydrosilylation of allyl compounds. <i>Journal of Catalysis</i> , <b>2015</b> , 331, 203-209	7.3	6
325	Structure and spectroscopic properties of the dimeric copper(I) N-heterocyclic carbene complex [Cu(CNC(t-Bu))] <sub>2</sub> (PF <sub>6</sub> ) <sub>2</sub> . <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2015</b> , 71, 643-6	0.8	5



324	NHC Versus Pyridine: How Teeth Change the Redox Behavior of Iron(II) Complexes. <i>Organometallics</i> , <b>2015</b> , 34, 5155-5166	3.8	20
323	Isocyanide substitution reactions at the trans labile sites of an iron(II) N-heterocyclic carbene complex. <i>RSC Advances</i> , <b>2015</b> , 5, 85486-85493	3.7	11
322	Molecular iron complexes as catalysts for selective C-H bond oxygenation reactions. <i>Chemical Communications</i> , <b>2015</b> , 51, 17193-212	5.8	112
321	Hydroxy-Functionalized Imidazolium Bromides as Catalysts for the Cycloaddition of CO <sub>2</sub> and Epoxides to Cyclic Carbonates. <i>ChemCatChem</i> , <b>2015</b> , 7, 94-98	5.2	109
320	Comparative study of new chromium-based catalysts for the selective tri- and tetramerization of ethylene. <i>Catalysis Science and Technology</i> , <b>2015</b> , 5, 1678-1682	5.5	24
319	Olefin epoxidation with hydrogen peroxide using octamolybdate-based self-separating catalysts. <i>Green Chemistry</i> , <b>2015</b> , 17, 1186-1193	10	39
318	Preliminary toxicity and ecotoxicity assessment of methyltrioxorhenium and its derivatives. <i>Green Chemistry</i> , <b>2015</b> , 17, 1136-1144	10	14
317	Synthesis and characterization of dimeric and square-shaped dicarboxylate-bridged dimolybdenum(II) coordination compounds. <i>Inorganica Chimica Acta</i> , <b>2015</b> , 424, 210-215	2.7	2
316	Dinuclear palladium complexes of pyrazolato-bridged imidazolium- and NHC-ligands: Synthesis and characterization. <i>Journal of Organometallic Chemistry</i> , <b>2015</b> , 775, 130-136	2.3	9
315	C-H bond activation by f-block complexes. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 82-100	16.4	160
314	Molekulare Katalysatoren zur Bindungsaktivierung. <i>Chemie in Unserer Zeit</i> , <b>2015</b> , 49, 248-259	0.2	2
313	Synthesis of cyclic carbonates from epoxides and carbon dioxide by using organocatalysts. <i>ChemSusChem</i> , <b>2015</b> , 8, 2436-54	8.3	332
312	Formation of Highly Strained N-Heterocycles via Decomposition of Iron N-Heterocyclic Carbene Complexes: The Value of Labile Fe-C Bonds. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17860-9	4.8	12
311	Steuerliganden für Katalysatoren. <i>Chemie in Unserer Zeit</i> , <b>2015</b> , 49, 260-269	0.2	3
310	Fighting Fenton Chemistry: A Highly Active Iron(III) Tetracarbene Complex in Epoxidation Catalysis. <i>ChemSusChem</i> , <b>2015</b> , 8, 4056-63	8.3	51
309	Aryl-substituted organomolybdenum(II) complexes as olefin epoxidation catalysts. <i>Catalysis Science and Technology</i> , <b>2015</b> , 5, 4772-4777	5.5	9
308	Ru-Ag and Ru-Au dicarbene complexes from an abnormal carbene ruthenium system. <i>Dalton Transactions</i> , <b>2015</b> , 44, 11686-9	4.3	25
307	Iron Complexes of a Macrocyclic N-Heterocyclic Carbene/Pyridine Hybrid Ligand. <i>Organometallics</i> , <b>2015</b> , 34, 2819-2825	3.8	39

306	Oxidative degradation of the organometallic iron(II) complex [Fe{bis[3-(pyridin-2-yl)-1H-imidazol-1-yl]methane}(MeCN)(PMe <sub>3</sub> )](PF <sub>6</sub> ) <sub>2</sub> : structure of the ligand decomposition product trapped via coordination to iron(II). <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2015</b> , 71, 1096-9	0.8	0
305	Application of open chain tetraimidazolium salts as precursors for the synthesis of silver tetra(NHC) complexes. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 415-7	5.1	36
304	Catalytic epoxidation by perrhenate through the formation of organic-phase supramolecular ion pairs. <i>Chemical Communications</i> , <b>2015</b> , 51, 3399-402	5.8	17
303	Spectroscopic and Structural Properties of Bridge-Functionalized Dinuclear Coinage-Metal (Cu, Ag, and Au) NHC Complexes: A Comparative Study. <i>Organometallics</i> , <b>2015</b> , 34, 2573-2579	3.8	40
302	Influence of structural and electronic properties of organomolybdenum(II) complexes of the type [CpMo(CO) <sub>3</sub> R] and [CpMo(O) <sub>2</sub> (O)R] (R = Cl, CH <sub>3</sub> , CF <sub>3</sub> ) on the catalytic olefin epoxidation. <i>Catalysis Science and Technology</i> , <b>2015</b> , 5, 2282-2289	5.5	10
301	Cycloaddition of carbon dioxide and epoxides using pentaerythritol and halides as dual catalyst system. <i>ChemSusChem</i> , <b>2014</b> , 7, 1357-60	8.3	132
300	Synthesis and Characterization of a Cationic Phthalimido-Functionalized N-Heterocyclic Carbene Complex of Palladium(II) and Its Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 1225-1230	2.3	9
299	Cleavage of C-O bonds in lignin model compounds catalyzed by methyl-dioxorhenium in homogeneous phase. <i>ChemSusChem</i> , <b>2014</b> , 7, 429-34	8.3	62
298	Chemistry of iron N-heterocyclic carbene complexes: syntheses, structures, reactivities, and catalytic applications. <i>Chemical Reviews</i> , <b>2014</b> , 114, 5215-72	68.1	322
297	Improved synthesis, characterization and catalytic application of [H(OEt) <sub>2</sub> ][B{C <sub>6</sub> H <sub>3</sub> (m-CF <sub>3</sub> ) <sub>2</sub> }] <sub>4</sub> . <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 763-764, 65-68	2.3	14
296	Self-assembled M <sub>2</sub> L <sub>4</sub> coordination cages: Synthesis and potential applications. <i>Coordination Chemistry Reviews</i> , <b>2014</b> , 275, 19-36	23.2	173
295	Cyclopentadienyl molybdenum alkyl ester complexes as catalyst precursors for olefin epoxidation. <i>Catalysis Science and Technology</i> , <b>2014</b> , 4, 4219-4231	5.5	12
294	Loop shaped dicarboxylate-bridged dimolybdenum(II) bisphosphine compounds--a rational synthesis. <i>Dalton Transactions</i> , <b>2014</b> , 43, 15367-74	4.3	6
293	Cycloaddition of CO <sub>2</sub> and epoxides catalyzed by imidazolium bromides under mild conditions: influence of the cation on catalyst activity. <i>Catalysis Science and Technology</i> , <b>2014</b> , 4, 1749	5.5	75
292	Synthesis and characterisation of chelated cationic ReI(CO) <sub>3</sub> bis(NHC)(WCA) complexes. <i>Dalton Transactions</i> , <b>2014</b> , 43, 2259-71	4.3	16
291	Making oxidation potentials predictable: coordination of additives applied to the electronic fine tuning of an iron(II) complex. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 11573-83	5.1	27
290	Nucleophile-directed selectivity towards linear carbonates in the niobium pentaethoxide-catalysed cycloaddition of CO <sub>2</sub> and propylene oxide. <i>Catalysis Science and Technology</i> , <b>2014</b> , 4, 1534-1538	5.5	40
289	CO <sub>2</sub> [Baustein des Lebens und Treiber der globalen Erwärmung. <i>Chemie in Unserer Zeit</i> , <b>2014</b> , 48, 260-268	0.2	5

288	Synthesis and characterization of novel cyclopentadienyl molybdenum imidazo[1,5-a]pyridine-3-ylidene complexes and their application in olefin epoxidation catalysis. <i>Journal of Catalysis</i> , <b>2014</b> , 319, 119-126	7.3	27
287	Catalytic hydroxylation of benzene and toluene by an iron complex bearing a chelating di-pyridyl-di-NHC ligand. <i>Chemical Communications</i> , <b>2014</b> , 50, 11454-7	5.8	76
286	[Ru <sub>4</sub> (CO) <sub>8</sub> (EOCCH <sub>2</sub> CH <sub>3</sub> ) <sub>4</sub> (THF) <sub>2</sub> ] and [Ru <sub>3</sub> (β-OH)(CO) <sub>6</sub> (EOCtBu) <sub>4</sub> (OOCtBu)]: Novel Multinuclear Ruthenium Carbonyl Carboxylates. <i>Organometallics</i> , <b>2014</b> , 33, 2667-2670	3.8	5
285	Facile-prepared sulfonated water-soluble PEPPSI-Pd-NHC catalysts for aerobic aqueous Suzuki-Miyaura cross-coupling reactions. <i>Green Chemistry</i> , <b>2014</b> , 16, 4955-4962	10	82
284	Efficient epoxidation of propene using molecular catalysts. <i>Catalysis Science and Technology</i> , <b>2014</b> , 4, 3845-3849	5.5	6
283	Toward Tunable Immobilized Molecular Catalysts: Functionalizing the Methylene Bridge of Bis(N-heterocyclic carbene) Ligands. <i>ChemPlusChem</i> , <b>2014</b> , 79, 1294-1303	2.8	25
282	Dynamics of the NbCl <sub>5</sub> -catalyzed cycloaddition of propylene oxide and CO <sub>2</sub> : assessing the dual role of the nucleophilic Co-catalysts. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 11870-82	4.8	55
281	Synthesis, characterization, and reactivity of furan- and thiophene-functionalized bis(N-heterocyclic carbene) complexes of iron(II). <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 9598-606	5.1	13
280	Re(VII) and Tc(VII) trioxo complexes stabilized by tridentate ligands and their potential use as radiopharmaceuticals. <i>Coordination Chemistry Reviews</i> , <b>2014</b> , 276, 97-111	23.2	19
279	Structure and Dynamics of Imidazolium- and Pyridinium-Substituted β-Cycloheptatrienide-Pd Complexes. <i>Organometallics</i> , <b>2014</b> , 33, 6398-6407	3.8	6
278	On the concept of hemilability: insights into a donor-functionalized iridium(I) NHC motif and its impact on reactivity. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 12767-77	5.1	38
277	Synthesis of the first radiolabeled <sup>188</sup> Re N-heterocyclic carbene complex and initial studies on its potential use in radiopharmaceutical applications. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>2014</b> , 57, 441-7	1.9	10
276	Epoxidation of Olefins Catalyzed by a Molecular Iron N-Heterocyclic Carbene Complex: Influence of Reaction Parameters on the Catalytic Activity. <i>ChemCatChem</i> , <b>2014</b> , 6, 1882-1886	5.2	43
275	Valorization of Carbon Dioxide to Organic Products with Organocatalysts. <i>Green Chemistry and Sustainable Technology</i> , <b>2014</b> , 3-37	1.1	2
274	Ion Pairs of Weakly Coordinating Cations and Anions: Synthesis and Application for Sulfide to Sulfoxide Oxidations. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2014</b> , 69, 1149-1163	1	7
273	Structure and catalytic activity of the ruthenium(II) sawhorse-type complex [Ru <sub>2</sub> {(η <sup>2</sup> -CF <sub>3</sub> (CF <sub>2</sub> ) <sub>5</sub> COO)} <sub>2</sub> (DMSO) <sub>2</sub> (CO) <sub>4</sub> ]. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2014</b> , 70, 384-7	0.8	1
272	Rhenium and technetium based radiopharmaceuticals: Development and recent advances. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 751, 83-89	2.3	74
271	Evaluation of theoretical functionals for structural and vibrational energy predictions on organo-rhenium(VII) oxides. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 760, 156-160	2.3	5

270	Historical landmarks of the application of molecular transition metal catalysts for olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , <b>2014</b> , 751, 25-32	2.3	69
269	Niobium(V) chloride and imidazolium bromides as efficient dual catalyst systems for the cycloaddition of carbon dioxide and propylene oxide. <i>Catalysis Science and Technology</i> , <b>2014</b> , 4, 1638-1643	5.5	50
268	Abnormal N-Heterocyclic Carbene-Phosphine Ruthenium(II) Complexes as Active Catalysts for Transfer Hydrogenation. <i>Organometallics</i> , <b>2013</b> , 32, 4042-4045	3.8	48
267	Pyrazolato-Bridged Dinuclear Complexes of Ruthenium(II) and Rhodium(III) with N-Heterocyclic Carbene Ligands: Synthesis, Characterization, and Electrochemical Properties. <i>Organometallics</i> , <b>2013</b> , 32, 4082-4091	3.8	20
266	Benzimidazolic complexes of methyltrioxorhenium(VII): Synthesis and application in catalytic olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 730, 132-136	2.3	13
265	Homogeneous Catalytic Olefin Epoxidation with Molybdenum Complexes. <i>Advances in Inorganic Chemistry</i> , <b>2013</b> , 65, 33-83	2.1	11
264	DFT studies on the reaction pathway of the catalytic olefin epoxidation with CpMoCF <sub>3</sub> dioxo and oxo-peroxo complexes. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 748, 36-45	2.3	23
263	Isomerization of Pinene oxide in the presence of methyltrioxorhenium(VII). <i>Catalysis Communications</i> , <b>2013</b> , 35, 40-44	3.2	9
262	Liberation of methyl acrylate from metallalactone complexes via M-D ring opening (M = Ni, Pd) with methylation agents. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 3512	3.6	33
261	Imidazolium perchlorate ionic liquids as efficient catalysts for the selective oxidation of sulfides to sulfones. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 744, 108-112	2.3	26
260	Ruthenium-Catalyzed Hydrogenation of Oxygen-Functionalized Aromatic Compounds in Water. <i>ChemCatChem</i> , <b>2013</b> , 5, 3241-3248	5.2	11
259	Synthesis and Characterization of Dimolybdenum(II) Complexes Connected by Carboxylate Linkers. <i>Organometallics</i> , <b>2013</b> , 32, 6004-6011	3.8	12
258	Synthese und Anwendung wasserlöslicher NHC-Übergangsmetall-Komplexe. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 284-304	3.6	51
257	Synthesis and application of water-soluble NHC transition-metal complexes. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 270-89	16.4	269
256	Vibrational spectroscopic study of SiO <sub>2</sub> -based nanotubes. <i>Vibrational Spectroscopy</i> , <b>2013</b> , 66, 104-118	2.1	12
255	Schiff base complexes of methyltrioxorhenium (VII): Synthesis and catalytic application. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 739, 63-68	2.3	10
254	Catalytic epoxidation of camphene using methyltrioxorhenium(VII) as catalyst. <i>Journal of Molecular Catalysis A</i> , <b>2013</b> , 368-369, 145-151		5
253	Group 7 transition metal complexes with N-heterocyclic carbenes. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 5073-89	58.5	116

252	Synthesis and Characterization of Highly Water Soluble Ruthenium(II) and Osmium(II) Complexes Bearing Chelating Sulfonated N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , <b>2013</b> , 32, 741-744	3.8	47
251	Catalytic hydrogenation of levulinic acid in aqueous phase. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 724, 297-299	2.3	64
250	Epoxidation of olefins with homogeneous catalysts ¶quo vadis?. <i>Catalysis Science and Technology</i> , <b>2013</b> , 3, 552-561	5.5	101
249	Unsaturated NHC Complexes Immobilized by the Backbone: Synthesis and Application. <i>ChemCatChem</i> , <b>2013</b> , 5, 3324-3329	5.2	11
248	Activation of hydrogen peroxide by ionic liquids: mechanistic studies and application in the epoxidation of olefins. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 5972-9	4.8	41
247	Epoxidation of Olefins with Molecular Catalysts in Ionic Liquids. <i>Topics in Organometallic Chemistry</i> , <b>2013</b> , 185-235	0.6	6
246	Synthesis and comparison of transition metal complexes of abnormal and normal tetrazolyldenes: a neglected ligand species. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 7031-44	5.1	21
245	Gold(I) Complexes with ¶Normal¶ 1,2,3-Triazolylidene Ligands: Synthesis and Catalytic Properties. <i>Organometallics</i> , <b>2013</b> , 32, 3376-3384	3.8	55
244	Facile and scalable preparation of 2-imidazolylpyridines. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 3384-3387	2	33
243	Xylyltrioxorhenium ¶the first arylrhenium(VII) oxide applicable as an olefin epoxidation catalyst. <i>Catalysis Science and Technology</i> , <b>2013</b> , 3, 388-393	5.5	10
242	Methyltrioxorhenium <b>2013</b> ,		1
241	Exploring the scope of a novel ligand class: synthesis and catalytic examination of metal complexes with 'normal' 1,2,3-triazolylidene ligands. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 6142-52	5.1	28
240	Ruthenium-Catalyzed Transvinylolation ¶New Insights. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, 2845-2859	9.5	15
239	The role of solvent-ligated metal(II) complexes incorporating (fluoroalkoxy)aluminates as weakly coordinating anions in isobutylene polymerization. <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 158-167	2.5	21
238	Epoxidation of Olefins Catalyzed by Polyoxomolybdates Formed in-situ in Ionic Liquids. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2013</b> , 68, 1138-1142	1	9
237	Oxidation Reactions Catalyzed by Polyoxomolybdate Salts. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2013</b> , 68, 587-597	1	13
236	Synthesis of Cyclic Carbonates from Epoxides and CO <sub>2</sub> under Mild Conditions Using a Simple, Highly Efficient Niobium-Based Catalyst. <i>ChemCatChem</i> , <b>2013</b> , 5, 1321-1324	5.2	101
235	Synthesis and Characterization of Imidazolium Perrhenate Ionic Liquids. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2013</b> , 68, 598-604	1	5

234	Selective epoxidation of (+)-limonene employing methyltrioxorhenium as catalyst. <i>Journal of Molecular Catalysis A</i> , <b>2012</b> , 358, 159-165		22
233	Esterification of bio-based succinic acid in biphasic systems: Comparison of chemical and biological catalysts. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2012</b> , 80, 39-47		23
232	Reactions of Nitrogen Donors with Cycloheptatrienylidene Complexes: Metal Coordination versus Nucleophilic Attack on the Carbene Ligand. <i>Organometallics</i> , <b>2012</b> , 31, 8249-8256	3.8	13
231	Synthesis and Characterization of Novel Iron(II) Complexes with Tetradentate Bis(N-heterocyclic carbene)Bis(pyridine) (NCCN) Ligands. <i>Organometallics</i> , <b>2012</b> , 31, 2793-2800	3.8	60
230	Catalytic olefin epoxidation with a fluorinated organomolybdenum complex. <i>Journal of Molecular Catalysis A</i> , <b>2012</b> , 363-364, 237-244		19
229	PtO <sub>2</sub> as a Self-dosing Hydroosilylation catalyst. <i>Catalysis Science and Technology</i> , <b>2012</b> , 2, 725-729	5.5	8
228	Update: An Efficient Synthesis of Poly(ethylene glycol)-Supported Iron(II) Porphyrin Using a Click Reaction and its Application for the Catalytic Olefination of Aldehydes. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 1827-1831	5.6	19
227	Catalytic Epoxidations with Pyridinebis(oxazoline)Methyltrioxorhenium Complexes and Nitrogen-Containing Catalyst Systems. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 5972-5978	2.3	6
226	Mechanistic insights into the hydrosilylation of allyl compounds [Evidence for different coexisting reaction pathways]. <i>Journal of Catalysis</i> , <b>2012</b> , 295, 1-14	7.3	25
225	Synthesis and characterization of propylene and butylene bridged fac-tricarbonylrhenium(I) biscarbene complexes. <i>Dalton Transactions</i> , <b>2012</b> , 41, 2110-21	4.3	23
224	Oxidation of sulfides to sulfoxides mediated by ionic liquids. <i>RSC Advances</i> , <b>2012</b> , 2, 8416	3.7	28
223	Halide substituted Schiff-bases: Different activities in methyltrioxorhenium(VII) catalyzed epoxidation via different substitution patterns. <i>Journal of Organometallic Chemistry</i> , <b>2012</b> , 701, 51-55	2.3	20
222	Water-soluble carbene complexes as catalysts for the hydrogenation of acetophenone under hydrogen pressure. <i>Journal of Organometallic Chemistry</i> , <b>2012</b> , 703, 56-62	2.3	40
221	Non-heme manganese complexes of C <sub>1</sub> -symmetric N <sub>4</sub> ligands: Synthesis, characterization and asymmetric epoxidations of ketones. <i>Journal of Organometallic Chemistry</i> , <b>2012</b> , 715, 9-12	2.3	18
220	Rhodium-Catalyzed Hydrosilylation of Ketones: Catalyst Development and Mechanistic Insights. <i>ACS Catalysis</i> , <b>2012</b> , 2, 613-621	13.1	86
219	Recycling CO <sub>2</sub> ? Computational Considerations of the Activation of CO <sub>2</sub> with Homogeneous Transition Metal Catalysts. <i>ChemCatChem</i> , <b>2012</b> , 4, 1703-1712	5.2	56
218	Methyltrioxorhenium-catalysed oxidation of pseudocumene in the presence of amphiphiles for the synthesis of vitamin E. <i>Catalysis Science and Technology</i> , <b>2012</b> , 2, 722-724	5.5	14
217	N-Heterocyclic carbenes via abstraction of ammonia: 'normal' carbenes with 'abnormal' character. <i>Chemical Communications</i> , <b>2012</b> , 48, 3857-9	5.8	39

216	Synthesis and Characterization of Dioxidodiphenylrhodium(VII) Propionate. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 1353-1357	2.3	6
215	Fluorinated Solvents in Methyltrioxorhenium-Catalyzed Olefin Epoxidations. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 3235-3239	2.3	27
214	UV curing of epoxy functional hybrid silicones. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 126, 1188-1197	2.9	16
213	Synthesis and Characterization of Imidazolium Salts with the Weakly Coordinating [B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ] <sup>-</sup> Anion. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2012</b> , 67, 1030-1036	1	6
212	Catalytic Olefin Epoxidation with $\eta^5$ -Cyclopentadienyl Molybdenum Complexes. <i>Current Organic Chemistry</i> , <b>2012</b> , 16, 16-32	1.7	32
211	Dicarboxylate-bridged (Mo <sub>2</sub> ) <sub>n</sub> (n = 2, 3, 4) paddle-wheel complexes: potential intermediate building blocks for metal-organic frameworks. <i>Dalton Transactions</i> , <b>2011</b> , 40, 11490-6	4.3	15
210	Copper(II) complexes incorporating poly/perfluorinated alkoxyaluminate-type weakly coordinating anions: syntheses, characterization and catalytic application in stereoselective olefin aziridination. <i>Dalton Transactions</i> , <b>2011</b> , 40, 5746-54	4.3	27
209	From molecules to materials: molecular paddle-wheel synthons of macromolecules, cage compounds and metal-organic frameworks. <i>Dalton Transactions</i> , <b>2011</b> , 40, 6834-59	4.3	141
208	Symmetrically bridged bis-N-heterocyclic carbene rhodium (I) complexes and their catalytic application for transfer hydrogenation reaction. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 3900-3905	2.3	28
207	Methyltrioxorhenium-catalyzed oxidation of pseudocumene for vitamin E synthesis: A study of solvent and ligand effects. <i>Journal of Catalysis</i> , <b>2011</b> , 283, 55-67	7.3	30
206	Depth profiling (ICP-MS) study of trace metal 'grains' in solid asphaltenes. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2011</b> , 22, 1403-8	3.5	6
205	Chiral Bioinspired Non-Heme Iron Complexes for Enantioselective Epoxidation of $\alpha,\beta$ -Unsaturated Ketones. <i>Advanced Synthesis and Catalysis</i> , <b>2011</b> , 353, 3014-3022	5.6	101
204	Synthesis and Structural Characterization of New Chiral (Biscarbene)platinum(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2011</b> , 2011, 249-254	2.3	7
203	Transformation of nickelalactones to methyl acrylate: on the way to a catalytic conversion of carbon dioxide. <i>ChemSusChem</i> , <b>2011</b> , 4, 1275-9	8.3	54
202	Umwandlung von Kohlendioxid mit Bergangsmetall-Homogenkatalysatoren: eine molekulare Lösung für ein globales Problem?. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 8662-8690	3.6	359
201	Transformation of carbon dioxide with homogeneous transition-metal catalysts: a molecular solution to a global challenge?. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 8510-37	16.4	1286
200	Recent advances in oxidation catalysis using ionic liquids as solvents. <i>Coordination Chemistry Reviews</i> , <b>2011</b> , 255, 1518-1540	23.2	100
199	Inorganic/organometallic catalysts and initiators involving weakly coordinating anions for isobutene polymerisation. <i>Coordination Chemistry Reviews</i> , <b>2011</b> , 255, 1541-1557	23.2	50

198	Hydrosilylation with biscarbene Rh(I) complexes: experimental evidence for a silylene-based mechanism. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 1589-96	16.4	71
197	Chiral N-heterocyclic biscarbenes based on 1,2,4-triazole as ligands for metal-catalyzed asymmetric synthesis. <i>Dalton Transactions</i> , <b>2011</b> , 40, 41-3	4.3	16
196	Epoxidation of $\alpha$ -pinene catalyzed by methyltrioxorhenium(VII): Influence of additives, oxidants and solvents. <i>Journal of Molecular Catalysis A</i> , <b>2011</b> , 340, 9-14		32
195	Bridge functionalized bis-N-heterocyclic carbene rhodium(I) complexes and their application in catalytic hydrosilylation. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 687-692	2.3	9
194	A straightforward synthesis of cationic nitrile ligated transition metal complexes with the [B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ] <sup>-</sup> anion. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 1817-1823	2.3	10
193	Organic/inorganic nanotube hybrids: Organosilica-nanotubes containing ethane, ethylene and acetylene groups. <i>Journal of Organometallic Chemistry</i> , <b>2011</b> , 696, 2910-2917	2.3	9
192	Synthesis and catalytic application of monometallic molybdenum(IV) nitrile complexes. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 955-959	2	10
191	The Role of Solvent Ligated Metal Complexes Associated with Weakly Coordinating Counteranions (WCAs) in Isobutylene Polymerization. <i>Macromolecular Symposia</i> , <b>2011</b> , 308, 35-42	0.8	5
190	Ionic Liquids as Solvents for Ionic Transition-Metal Catalysts. <i>Current Inorganic Chemistry</i> , <b>2011</b> , 1, 166-181		9
189	Efficient Synthesis of Substituted Diarylsilanes. <i>Synthesis</i> , <b>2010</b> , 2010, 1431-1432	2.9	2
188	What do you do when two hands are not enough? interactive selection of bonds between pairs of tangible molecules <b>2010</b> ,		3
187	Olefin Epoxidation Catalyzed by $\beta$ -Cyclopentadienyl Molybdenum Compounds: A Computational Study. <i>Organometallics</i> , <b>2010</b> , 29, 303-311	3.8	75
186	Olefin epoxidation with a new class of ansa-molybdenum catalysts in ionic liquids. <i>ChemSusChem</i> , <b>2010</b> , 3, 559-62	8.3	50
185	Chromophoric Lewis Base Adducts of Methyltrioxorhenium: Synthesis, Catalysis and Photochemistry. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 4083-4090	2.3	16
184	Bridged fac-Tricarbonylrhenium(I) Biscarbene Complexes: Synthesis, Characterization, and Molecular Dynamics. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 5284-5293	2.3	26
183	Synthesis, Characterization and Application of Nitrile-Ligated Zinc(II) Complexes Incorporating (Fluoroalkoxy)aluminates. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 4587-4590	2.3	13
182	Synthesis of nitrile coordinated Lewis acids Al(OC(CF <sub>3</sub> ) <sub>2</sub> R) <sub>3</sub> and their application in catalytic epoxide ring-opening reactions. <i>Applied Catalysis A: General</i> , <b>2010</b> , 384, 171-176	5.1	21
181	Functionalized polysilalkylene siloxanes (polycarbosiloxanes) by hydrosilylation catalysis and synthesis. <i>Progress in Polymer Science</i> , <b>2010</b> , 35, 687-713	29.6	85



180	Symmetrical bis-(NHC) palladium(II) complexes: Synthesis, structure, and application in catalysis. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 4181-4188	2.7	21
179	Bidentate Lewis base adducts of molybdenum(VI): Ligand impact on catalytic performance and stability. <i>Journal of Molecular Catalysis A</i> , <b>2010</b> , 319, 108-113		17
178	Highly soluble dichloro, dibromo and dimethyl dioxomolybdenum(VI)-bipyridine complexes as catalysts for the epoxidation of olefins. <i>Journal of Molecular Catalysis A</i> , <b>2010</b> , 331, 117-124		45
177	Quantum chemical insights into the initiation mechanism of transition metal catalysed polymerisation of isobutene. <i>Applied Catalysis A: General</i> , <b>2010</b> , 384, 154-164	5.1	5
176	$\eta^5, \eta^1$ -Coordinated cyclopentadienyl transition metal complexes featuring $\eta^5$ metal $\eta^1$ carbon ansa bridges. <i>Coordination Chemistry Reviews</i> , <b>2010</b> , 254, 608-634	23.2	42
175	Synthesis and application of molybdenum (III) complexes bearing weakly coordinating anions as catalysts of isobutylene polymerization. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 3775-3786	2.5	18
174	On the Way to Improve the Environmental Benignity of Chemical Processes: Novel Catalysts for a Polymerization Process. <i>Sustainability</i> , <b>2009</b> , 1, 35-42	3.6	11
173	Enantioselective Hydrosilylation with a Chiral N-Heterocyclic Carbene Complex of Rhodium(I) [1]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2009</b> , 64, 1607-1611	1	3
172	Adduct Formation of Dichloridodioxidomolybdenum(VI) and Methyltrioxidorhenium(VII) with a Series of Bidentate Nitrogen Donor Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 1019-1026	2.3	18
171	Synthesis and Characterization of Two New fac-Tricarbonylrhenium(I) Biscarbene Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 1825-1831	2.3	24
170	Bidentate Lewis Base Adducts of Methyltrioxidorhenium(VII): Ligand Influence on Catalytic Performance and Stability. <i>European Journal of Inorganic Chemistry</i> , <b>2009</b> , 2009, 2907-2914	2.3	31
169	Immobilization of Ru(II)(salen)(PPh <sub>3</sub> ) <sub>2</sub> on Mesoporous MCM-41/SBA-15: Characterization and Catalytic Applications. <i>Catalysis Letters</i> , <b>2009</b> , 128, 18-24	2.8	7
168	Epoxidation in ionic liquids: A comparison of rhenium(VII) and molybdenum(VI) catalysts. <i>Journal of Organometallic Chemistry</i> , <b>2009</b> , 694, 3320-3324	2.3	36
167	Methyltrioxorhenium catalysed epoxidations: A comparative study of different N-donor ligands. <i>Journal of Organometallic Chemistry</i> , <b>2009</b> , 694, 4032-4035	2.3	21
166	(N-salicylidene)aniline derived Schiff base complexes of methyltrioxorhenium(VII): ligand influence and catalytic performance. <i>Chemistry - an Asian Journal</i> , <b>2009</b> , 4, 411-8	4.5	24
165	Succinic acid from renewable resources as a C4 building-block chemical – review of the catalytic possibilities in aqueous media. <i>Green Chemistry</i> , <b>2009</b> , 11, 13-26	10	255
164	Mono- and bis- methyltrioxorhenium(VII) complexes with salen ligands: synthesis, properties, applications. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 6812-22	5.1	21
163	Kinetic Studies on the Oxidation of $\eta^5$ -Cyclopentadienyl Methyl Tricarbonyl Molybdenum(II) and the Use of Its Oxidation Products as Olefin Epoxidation Catalysts. <i>Organometallics</i> , <b>2009</b> , 28, 639-645	3.8	64

162	Heterometallic complexes involving iron(II) and rhenium(VII) centers connected by mu-oxido bridges. <i>Dalton Transactions</i> , <b>2009</b> , 10199-207	4-3	6
161	N-heterocyclic carbenes of iridium(I): ligand effects on the catalytic activity in transfer hydrogenation. <i>Dalton Transactions</i> , <b>2009</b> , 7055-62	4-3	61
160	Iridium complexes of N-heterocyclic carbenes in C-H borylation using energy efficient microwave technology: influence of structure, ligand donor strength and counter ion on catalytic activity. <i>Green Chemistry</i> , <b>2009</b> , 11, 1610	10	40
159	Nitrile ligated transition metal complexes with weakly coordinating counteranions and their catalytic applications. <i>Chemical Reviews</i> , <b>2009</b> , 109, 2061-80	68.1	132
158	Studies on bis(halogeno) dioxomolybdenum(VI)-bipyridine complexes: synthesis and catalytic activity. <i>Dalton Transactions</i> , <b>2009</b> , 8746-54	4-3	22
157	Super absorbers from renewable feedstock by catalytic oxidation. <i>Green Chemistry</i> , <b>2008</b> , 10, 442	10	17
156	A new palladium(II) complex of a functionalized N-heterocyclic carbene: Synthesis, characterization and application in Suzuki-Miyaura cross-coupling reactions. <i>Journal of Molecular Structure</i> , <b>2008</b> , 890, 192-197	3-4	30
155	A new route to chiral imidazolidine salts and its application in organometallic synthesis. <i>Tetrahedron: Asymmetry</i> , <b>2008</b> , 19, 1532-1535		15
154	Syntheses of acetonitrile ligated copper complexes with perfluoroalkoxy aluminate as counter anion and their catalytic application for olefin aziridination. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 5954-5956	2	27
153	(Cyclopentadienyl)trioxorhenium(VII) [ho Match for Methyltrioxorhenium (MTO). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2008</b> , 634, 1444-1447	1-3	7
152	Solvent-ligated copper(II) complexes for the homopolymerization of 2-methylpropene. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 7997-8003	4-8	35
151	Synthesis and Characterization of Acetonitrile-Ligated Transition-Metal Complexes with Tetrakis(pentafluorophenyl)borate as Counteranions. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 2892-2898	2-3	33
150	Insights into a Nontoxic and High-Yielding Synthesis of Methyltrioxorhenium (MTO). <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 3929-3934	2-3	10
149	Synthesis and characterization of asymmetric NHC complexes. <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 1543-1546	2-3	23
148	A straightforward preparation of acetonitrile ligated silver perfluoroalkoxy aluminate [Ag(NCCH <sub>3</sub> ) <sub>4</sub> ][Al{OC(CF <sub>3</sub> ) <sub>3</sub> } <sub>4</sub> ]. <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 2465-2467	2-3	16
147	A (salicylidene)aniline derived Schiff-base adduct of methyltrioxorhenium(VII) cis- and trans-coordination of the ligand. <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 2473-2477	2-3	16
146	((2-Hydroxynaphthalen-1-yl)methylene)aniline derived Schiff base adducts of MTO: Synthesis and catalytic application. <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 3240-3244	2-3	23
145	Synthesis and catalytic applications of chiral monomeric organomolybdenum(VI) and organorhenium(VII) oxides in homogeneous and heterogeneous phase. <i>Coordination Chemistry Reviews</i> , <b>2008</b> , 252, 556-568	23.2	67

144	Modified MCM-41-supported acetonitrile ligated copper(II) and its catalytic activity in cyclopropanation of olefins. <i>Microporous and Mesoporous Materials</i> , <b>2008</b> , 113, 171-177	5.3	9
143	Kinetic studies on phenylphosphopolyperoxotungstates catalyzed epoxidation of olefins with hydrogen peroxide. <i>Journal of Molecular Catalysis A</i> , <b>2008</b> , 287, 159-164		13
142	Immobilization of monomeric organometallic molybdenum oxo and carbonyl complexes and their application in epoxidation reactions. <i>Dalton Transactions</i> , <b>2008</b> , 2221-7	4.3	35
141	Ansa-bridged eta5-cyclopentadienyl molybdenum and tungsten complexes: synthesis, structure and application in olefin epoxidation. <i>Dalton Transactions</i> , <b>2007</b> , 5567-71	4.3	41
140	Grafting of cyclopentadienyl ruthenium complexes on aminosilane linker modified mesoporous SBA-15 silicates. <i>Dalton Transactions</i> , <b>2007</b> , 320-6	4.3	12
139	Methyltrioxorhenium revisited: improving the synthesis for a versatile catalyst. <i>Green Chemistry</i> , <b>2007</b> , 9, 1296	10	26
138	MTO Schiff-base complexes: synthesis, structures and catalytic applications in olefin epoxidation. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 158-66	4.8	65
137	Molybdenum(III) compounds as catalysts for 2-methylpropene polymerization. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 7290-2	16.4	47
136	A cheap, efficient, and environmentally benign synthesis of the versatile catalyst methyltrioxorhenium (MTO). <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 7301-3	16.4	45
135	Isobutene Polymerization Using [Cull(NCMe) <sub>6</sub> ] <sup>2+</sup> with Non-Coordinating Anions as Catalysts. <i>Macromolecular Rapid Communications</i> , <b>2007</b> , 28, 670-675	4.8	41
134	Immobilization of ruthenium(II) salen complexes on poly(4-vinylpyridine) and their application in catalytic aldehyde olefination. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 1613-1617	2	18
133	Methylrhenium oxides. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 1775-1779	2	14
132	Heterogenization of solvent-ligated copper(II) complexes on poly(4-vinylpyridine) for the catalytic cyclopropanation of olefins. <i>Inorganica Chimica Acta</i> , <b>2007</b> , 360, 197-202	2.7	14
131	Immobilization of organorhenium(VII) oxides. <i>Journal of Organometallic Chemistry</i> , <b>2007</b> , 692, 5532-5540	2.3	45
130	Synthesis of highly reactive polyisobutylenes using solvent-ligated manganese(II) complexes as catalysts. <i>Journal of Polymer Science Part A</i> , <b>2007</b> , 45, 5636-5648	2.5	42
129	Organometallic Ruthenium Complexes: Application in the Olefination of Carbonyl Compounds. <i>Organometallics</i> , <b>2007</b> , 26, 302-309	3.8	31
128	Organorhenium and Organomolybdenum Oxides as Heterogenised Catalysts <b>2006</b> , 39-77		21
127	Grafting of B-Cp(COOMe)MoCl(CO) <sub>3</sub> on the surface of mesoporous MCM-41 and MCM-48 materials. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 1007-1011	2.3	24

126	Karstedt Catalyst [Catalyzed stepgrowth co-polyaddition of 1,9-decadiene and 1,1,3,3-tetramethyldisiloxane. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 2031-2036	2.3	16
125	Heterogenisation of Acylperhenate on Mesoporous Materials and its Application in Catalysis. <i>Advanced Synthesis and Catalysis</i> , <b>2006</b> , 348, 1752-1759	5.6	11
124	Mononuclear organomolybdenum(VI) dioxo complexes: synthesis, reactivity, and catalytic applications. <i>Chemical Reviews</i> , <b>2006</b> , 106, 2455-75	68.1	198
123	Behaviour of dimeric methylrhenium(VI) oxides in the presence of hydrogen peroxide and its consequences for oxidation catalysis. <i>New Journal of Chemistry</i> , <b>2006</b> , 30, 1599-1605	3.6	10
122	Heterogenization of an organorhenium(VII) oxide on a modified mesoporous molecular sieve. <i>Dalton Transactions</i> , <b>2006</b> , 468-72	4.3	10
121	Olefin epoxidation with tert-butyl hydroperoxide catalyzed by MoO <sub>2</sub> X <sub>2</sub> L complexes: a DFT mechanistic study. <i>Dalton Transactions</i> , <b>2006</b> , 1383-9	4.3	80
120	Grafting of a tetrahydro-salen copper(II) complex on surface modified mesoporous materials and its catalytic behaviour. <i>Catalysis Communications</i> , <b>2006</b> , 7, 302-307	3.2	51
119	Solvent-Ligated Transition Metal Complexes as Initiators for the Polymerization of Isobutene. <i>Macromolecular Symposia</i> , <b>2006</b> , 236, 69-77	0.8	23
118	Immobilisation of methyltrioxorhenium on functionalised MCM-41. <i>Microporous and Mesoporous Materials</i> , <b>2006</b> , 89, 284-290	5.3	14
117	Synthesis and catalytic properties in olefin epoxidation of chiral oxazoline dioxomolybdenum(VI) complexes. <i>Journal of Molecular Catalysis A</i> , <b>2006</b> , 260, 11-18		26
116	Cationic copper(I) and silver(I) nitrile complexes with fluorinated weakly coordinating anions: Metal-nitrile bond strength and its influence on the catalytic performance. <i>Inorganica Chimica Acta</i> , <b>2006</b> , 359, 4723-4729	2.7	25
115	Chiral ansa-bridged $\beta$ -cyclopentadienyl molybdenum complexes: Synthesis, structure and application in asymmetric olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 2199-2206 <sup>2-3</sup>	2.3	40
114	Structural preferences of cyclopentadienyl and indenyl rings in iridium(I) carbene complexes. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 4446-4458	2.3	20
113	A chiral menthyl cyclopentadienyl molybdenum tricarbonyl chloro complex: Synthesis, heterogenization on MCM-41/MCM-48 and application in olefin epoxidation catalysis. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 3137-3145	2.3	54
112	Monomeric cyclopentadiene molybdenum oxides and their carbonyl precursors as epoxidation catalysts. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 3718-3729	2.3	64
111	Grafting of [Cu(NCCH <sub>3</sub> ) <sub>6</sub> ][B{C <sub>6</sub> H <sub>3</sub> (m-CF <sub>3</sub> ) <sub>2</sub> ] <sub>4</sub> ] <sub>2</sub> on the surface of aminosilane modified SBA-15. <i>Microporous and Mesoporous Materials</i> , <b>2006</b> , 96, 293-300	5.3	16
110	Ruthenium(II)-salen complexes-catalyzed olefination of aldehydes with ethyl diazoacetate. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 1993-1996	2	25
109	Heterogenization of [Cu(NCCH <sub>3</sub> ) <sub>4</sub> ][BF <sub>4</sub> ] <sub>2</sub> on mesoporous AlMCM-41/AlMCM-48 and its application as cyclopropanation catalyst. <i>Catalysis Letters</i> , <b>2006</b> , 111, 43-49	2.8	14

108	Heterogenization of a manganese(II) acetonitrile complex on AlMCM-41 and AlMCM-48 molecular sieves by ion exchange. <i>Journal of Materials Chemistry</i> , <b>2005</b> , 15, 4441		13
107	Organonitrile ligated silver complexes with perfluorinated weakly coordinating anions and their catalytic application for coupling reactions. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 366-370	3.6	64
106	Organorhenium(VII) and organomolybdenum(VI) oxides: syntheses and application in olefin epoxidation. <i>Dalton Transactions</i> , <b>2005</b> , 2483-91	4.3	137
105	Catalytic aziridinations with copper(II) salen complexes. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 1577	3.6	24
104	Grafting of [CpMo(CO) <sub>3</sub> ] <sup>+</sup> Na <sup>-</sup> on 3,6-dichloro-pyridazine modified mesoporous MCM-41 and MCM-48 molecular sieves. <i>Studies in Surface Science and Catalysis</i> , <b>2005</b> , 237-242	1.8	4
103	In situ grafting of cyclopentadienyl-molybdenum complexes on mesoporous materials: The reaction of [B-CpMo(CO) <sub>3</sub> ] <sup>+</sup> Na <sup>-</sup> with surface fixed iodo-benzyl siloxane. <i>Journal of Organometallic Chemistry</i> , <b>2005</b> , 690, 5105-5112	2.3	16
102	Methyltrioxorhenium heterogenized on commercially available supporting materials as cyclooctene metathesis catalyst. <i>Journal of Organometallic Chemistry</i> , <b>2005</b> , 690, 4712-4718	2.3	58
101	Synthesis and characterization of the inclusion compound of a ferrocenyldiimine dioxomolybdenum complex with heptakis-2,3,6-tri-O-methyl- $\beta$ -cyclodextrin. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 981-988	2.7	28
100	Siloxane functionalized cyclopentadienyl-molybdenum complexes: Synthesis, characterization and catalytic application. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 4201-4207	2.7	27
99	Grafting of the B-CpMo(CO) <sub>3</sub> moiety on pure and surface modified SBA-15 molecular sieves. <i>Microporous and Mesoporous Materials</i> , <b>2005</b> , 86, 341-348	5.3	33
98	Catalytic olefin epoxidation with cyclopentadienylmolybdenum complexes in room temperature ionic liquids. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 47-52	2	63
97	Catalytic ketone olefination with methyltrioxorhenium. <i>Tetrahedron Letters</i> , <b>2005</b> , 46, 7777-7779	2	29
96	Heterogenization of [Cu(NCCH <sub>3</sub> ) <sub>6</sub> ][B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ] <sub>2</sub> and its application in catalytic olefin aziridination. <i>Applied Catalysis A: General</i> , <b>2005</b> , 294, 161-167	5.1	23
95	Kinetics of Cyclooctene Epoxidation with tert-Butyl Hydroperoxide in the Presence of [MoO <sub>2</sub> X <sub>2</sub> L]-Type Catalysts (L = Bidentate Lewis Base). <i>European Journal of Inorganic Chemistry</i> , <b>2005</b> , 2005, 1716-1723	2.3	68
94	Synthesis, characterization and catalytic studies of bis(chloro)dioxomolybdenum(VI)-chiral diimine complexes. <i>Journal of Molecular Catalysis A</i> , <b>2005</b> , 236, 1-6		42
93	Heterogenization of chiral molybdenum(VI) dioxo complexes on mesoporous materials and their application in catalysis. <i>Applied Catalysis A: General</i> , <b>2005</b> , 281, 267-273	5.1	60
92	Aldehyde olefination with a ruthenium(II) salen catalyst. <i>Applied Catalysis A: General</i> , <b>2005</b> , 285, 163-168	5.1	11
91	Chiral monomeric organorhenium(VII) and organomolybdenum(VI) compounds as catalysts for chiral olefin epoxidation reactions. <i>Tetrahedron: Asymmetry</i> , <b>2005</b> , 16, 3469-3479		63

90	Synthesis, characterization, and catalytic application of copper(I) nitrile cations with perfluorinated weakly coordinating anions. <i>Catalysis Letters</i> , <b>2005</b> , 101, 35-41	2.8	19
89	Cyclopentadienyl molybdenum complexes grafted on zeolites B synthesis and catalytic application. <i>Catalysis Letters</i> , <b>2005</b> , 102, 115-119	2.8	36
88	Basic Aqueous Chemistry: Section 2.2 <b>2005</b> , 44-56		2
87	Catalytic Aldehyde Olefinations. <i>Mini-Reviews in Organic Chemistry</i> , <b>2004</b> , 1, 55-64	1.7	36
86	On the way to chiral epoxidations with methyltrioxorhenium(VII) derived catalysts. <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 3735-3740	2.3	42
85	Methyltrioxorhenium and its applications in olefin oxidation, metathesis and aldehyde olefination. <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 4149-4164	2.3	190
84	Oxorhenium complexes as aldehyde-olefination catalysts. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 6313-6321	4.8	29
83	Solvent-ligated manganese(II) complexes for the homopolymerization of isobutene and the copolymerization of isobutene and isoprene. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 6323-32	4.8	53
82	Synthesis and characterization of a manganese(II) acetonitrile complex supported on functionalized MCM-41. <i>Microporous and Mesoporous Materials</i> , <b>2004</b> , 76, 131-136	5.3	24
81	Molybdenum and tungsten complexes of composition $(\eta\text{-C}_5\text{R}_5)\text{MR}(\text{CO})_3$ and their use as olefin epoxidation catalyst precursors. <i>Journal of Molecular Catalysis A</i> , <b>2004</b> , 222, 265-271		76
80	Efficient aldehyde olefination reactions catalyzed by an iron porphyrin complex in an ionic liquid. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 7415-7418	2	27
79	Molybdenum(VI)-complexes with chiral N,O-ligands derived from carbohydrates: synthesis, structure and catalytic properties in asymmetric olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 2752-2761	2.3	40
78	Heterogenisation of $\text{CpMo}(\text{CO})_3\text{Cl}$ on mesoporous materials and its application as olefin epoxidation catalyst. <i>Dalton Transactions</i> , <b>2004</b> , 3338-41	4.3	38
77	4-Ethynylpyridine as bridging moiety in mixed Ru/Re complexes. <i>New Journal of Chemistry</i> , <b>2004</b> , 28, 43-51	3.6	30
76	Dichloro and dimethyl dioxomolybdenum(VI) diazabutadiene complexes as catalysts for the epoxidation of olefins. <i>New Journal of Chemistry</i> , <b>2004</b> , 28, 308-313	3.6	63
75	Molybdenum(VI) cis-Dioxo Complexes with Chiral Schiff Base Ligands: Synthesis, Characterization, and Catalytic Applications. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2004</b> , 59, 1223-1228	1	23
74	Herstellung hochreaktiver Polyisobutene mit Mangan(II)-Komplexen als Initiatoren. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 1345-1349	3.6	9
73	Highly reactive polyisobutenes prepared with manganese(II) complexes as initiators. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 1307-10	16.4	81

72	(Eta <sup>2</sup> -alkyne)methyl(dioxo)rhenium complexes as aldehyde-olefination catalysts. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 2414-5	16.4	62
71	A Simple Entry to (η-C <sub>5</sub> R <sub>5</sub> )chlorodioxomolybdenum(VI) Complexes (R = H, CH <sub>3</sub> , CH <sub>2</sub> Ph) and Their Use as Olefin Epoxidation Catalysts. <i>Organometallics</i> , <b>2003</b> , 22, 2112-2118	3.8	140
70	Molybdenum(VI)cis-dioxo complexes bearing sugar derived chiral Schiff-base ligands: synthesis, characterization, and catalytic applications. <i>Dalton Transactions</i> , <b>2003</b> , 3736-3742	4.3	90
69	Large third-order optical nonlinearity of two cubane-like clusters containing oxotrithiometalate anions and silver: synthesis, characterization, reactivity, and NLO properties-structure correlation. <i>Journal of Materials Chemistry</i> , <b>2003</b> , 13, 571-579		41
68	Octahedral bipyridine and bipyrimidine dioxomolybdenum(VI) complexes: characterization, application in catalytic epoxidation, and density functional mechanistic study. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 2370-83	4.8	214
67	Syntheses and characterization of dimolybdenum and dirhodium complexes containing 2-pyridylphosphine ligands. <i>Polyhedron</i> , <b>2002</b> , 21, 1737-1746	2.7	18
66	New insights into the reaction of t-butylhydroperoxide with dichloro- and dimethyl(dioxo)molybdenum(VI). <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 649, 108-112	2.3	47
65	Synthesis and characterization of the inclusion compound of a methyltrioxorhenium(VII) adduct of 4-ferrocenylpyridine with β-cyclodextrin. <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 656, 281-287	2.3	30
64	Mesoporous silica grafted with multiply bonded dimolybdenum cations: XAFS analysis and catalytic activity in cyclopentadiene polymerisation. <i>Physical Chemistry Chemical Physics</i> , <b>2002</b> , 4, 696-702	3.6	20
63	Synthesis and catalytic application of octahedral lewis base adducts of dichloro and dialkyl dioxotungsten(VI). <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 4468-77	5.1	45
62	Immobilisation of rhodium acetonitrile complexes in ordered mesoporous silica. <i>Physical Chemistry Chemical Physics</i> , <b>2002</b> , 4, 3098-3105	3.6	29
61	Sign alteration of the nonlinear refraction of isomorphous cubane-shaped heterothiometallic clusters originating from a skeleton atomic effect. <i>New Journal of Chemistry</i> , <b>2002</b> , 26, 58-65	3.6	14
60	Ruthenium(II) alkynyl-hydride and ruthenium(II) bis(η-pyridylacetylidyde) as ligands and linkers for metal-metal-bonded complexes. <i>New Journal of Chemistry</i> , <b>2002</b> , 26, 889-894	3.6	18
59	Diruthenium η-alkynyl complexes as potential building blocks for heterometallic molecular rods. <i>Dalton Transactions RSC</i> , <b>2002</b> , 1244		34
58	Synthesis and characterisation of ruthenium(II) complexes containing ferrocenyl-derived ligands. <i>New Journal of Chemistry</i> , <b>2002</b> , 26, 1384-1388	3.6	11
57	Study on a series of pentanuclear planar open clusters: synthesis, characterization, strong third-order optical nonlinearities and superior optical limiting properties. <i>Journal of Materials Chemistry</i> , <b>2002</b> , 12, 239-248		31
56	Polymers with a backbone consisting of bimetallic tetracarboxylates and organometallic rhenium(I) complexes: synthesis, characterization, and structural examination. <i>Polyhedron</i> , <b>2001</b> , 20, 791-798	2.7	14
55	Chiral bis(oxazoline) and pyridyl alcoholate dioxo-molybdenum(VI) complexes: synthesis, characterization and catalytic examinations. <i>Journal of Organometallic Chemistry</i> , <b>2001</b> , 621, 207-217	2.3	60

54	Chiral dioxomolybdenum(VI) complexes for enantioselective alkene epoxidation. <i>Journal of Organometallic Chemistry</i> , <b>2001</b> , 626, 1-10	2.3	65
53	Vibrational spectra and structure of the cyclopentadienyl-anion (Cp <sup>-</sup> ) the pentamethylcyclopentadienyl-anion (Cp* <sup>-</sup> ) and of alkali metal cyclopentadienyls CpM and Cp*M (M=Li, Na, K). <i>Journal of Organometallic Chemistry</i> , <b>2001</b> , 627, 55-66	2.3	29
52	Organorhenium(VII) and organomolybdenum(VI) oxides: synthesis and application in oxidation catalysis. <i>Applied Organometallic Chemistry</i> , <b>2001</b> , 15, 43-50	3.1	76
51	Multiply Bonded Dimolybdenum Cation Immobilized in Mesoporous Silica: XAFS Analysis and Catalytic Activity in Cyclopentadiene Polymerization. <i>Macromolecular Rapid Communications</i> , <b>2001</b> , 22, 1302-1305	4.8	16
50	Immobilization of monometallic acetonitrile complexes on mesoporous silica and their activity as initiators for cyclopentadiene polymerization. <i>Designed Monomers and Polymers</i> , <b>2001</b> , 4, 268-278	3.1	13
49	Molybdenum(VI) cis-dioxo complexes bearing (poly)pyrazolyl-methane and -borate ligands: syntheses, characterization and catalytic applications. <i>Dalton Transactions RSC</i> , <b>2001</b> , 1332-1337		61
48	Bidentate Lewis base adducts of methyltrioxorhenium(VII) and their application in catalytic epoxidation. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 5834-41	5.1	82
47	Synthesis and characterization of [trans-di(β-acetato)(β-bis(diphenylphosphino)methylamine)bis(pyridine)dimolybdenum(II)]bis(tetrafluoroborate) <sub>10</sub> and derivatives. <i>Journal of Organometallic Chemistry</i> , <b>2000</b> , 596, 177-182		
46	Lewis base adducts of bis-(halogeno)dioxomolybdenum(VI): syntheses, structures, and catalytic applications. <i>Journal of Molecular Catalysis A</i> , <b>2000</b> , 151, 147-160		94
45	(Dimethyl)dioxomolybdenum(VI) complexes: syntheses and catalytic applications. <i>Journal of Molecular Catalysis A</i> , <b>2000</b> , 164, 25-38		73
44	MONOMETALLIC SOLVENT STABILIZED TRANSITION METAL CATIONS AS INITIATORS FOR CYCLOPENTADIENE POLYMERIZATION. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2000</b> , 37, 971-981	2.2	21
43	Syntheses and characterisation of methyltrioxorhenium adducts of low-valence organometallic Lewis bases. <i>Dalton Transactions RSC</i> , <b>2000</b> , 3570-3574		29
42	Synthesis and characterisation of MCM-41-supported dimolybdenum complexes. <i>Journal of Materials Chemistry</i> , <b>2000</b> , 10, 1395-1401		15
41	Rhenium-Oxo and Rhenium-Peroxo Complexes in Catalytic Oxidations <b>2000</b> , 213-236		24
40	Bis-acetonitrile(dibromo)dioxomolybdenum(VI) and derivatives: synthesis, reactivity, structures and catalytic applications. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 583, 3-10	2.3	62
39	Synthesis, reactivity, and structures of (β-acetamidato)hexakis(acetonitrilo)dimolybdenum(II) tris(tetrafluoroborate) and derivatives. <i>Inorganica Chimica Acta</i> , <b>1999</b> , 287, 159-166	2.7	27
38	Methyltrioxorhenium. <i>Chemie in Unserer Zeit</i> , <b>1999</b> , 33, 192-198	0.2	8
37	Tetracarboxylatodirhenium Complexes Linked by Axial Cyano Bridges to Metalpentacarbonyl Ligands: Synthesis and Characterization. <i>European Journal of Inorganic Chemistry</i> , <b>1999</b> , 1999, 295-301	2.3	16



36	Trigonal-Bipyramidal Lewis Base Adducts of Methyltrioxorhenium(VII) and Their Bisperoxo Congeners: Characterization, Application in Catalytic Epoxidation, and Density Functional Mechanistic Study. <i>Chemistry - A European Journal</i> , <b>1999</b> , 5, 3603-3615	4.8	110
35	Solvent stabilized transition metal cations as initiators for cyclopentadiene polymerization. <i>Macromolecular Rapid Communications</i> , <b>1999</b> , 20, 555-559	4.8	29
34	Dimolybdenum(II) complexes linked by axial cyano bridges to organic and organometallic ligands: syntheses, structures, and characterization $\square$ <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 4103-4110		21
33	Trigonal-Bipyramidal Lewis Base Adducts of Methyltrioxorhenium(VII) and Their Bisperoxo Congeners: Characterization, Application in Catalytic Epoxidation, and Density Functional Mechanistic Study <b>1999</b> , 5, 3603		1
32	Lewis base adducts of halogenorhenium(VII) oxides: 17O NMR spectroscopy, structural aspects and catalysis. <i>Inorganica Chimica Acta</i> , <b>1998</b> , 279, 44-50	2.7	23
31	Mehrfachbindungen zwischen Hauptgruppenelementen und Bergangsmetallen. <i>Journal of Organometallic Chemistry</i> , <b>1998</b> , 553, 443-452	2.3	14
30	Synthesis and characterization of binuclear transition metalrhenium(VII) complexes with bridging cyanide ligands. <i>Journal of Organometallic Chemistry</i> , <b>1998</b> , 560, 117-124	2.3	9
29	Synthesis and spectroscopic characterisation of binuclear molybdenum-rhenium complexes. <i>Polyhedron</i> , <b>1998</b> , 17, 1091-1102	2.7	26
28	Multiple Bonds between Main-Group Elements and Transition Metals. 166.1 Oxo/Imido Complexes of Heptavalent Rhenium: Structures, Reactivity, and Behavior in Solution $\square$ <i>Organometallics</i> , <b>1998</b> , 17, 2751-2757	3.8	22
27	Synthesis, characterization, and reactions of tetrakis(nitrile)chromium(II) tetrafluoroborate complexes $\square$ <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1998</b> , 1293-1298		58
26	Organorhenium Oxides $\square$ <i>Accounts of Chemical Research</i> , <b>1997</b> , 30, 169-180	24.3	279
25	Multiple Bonds Between Main Group Elements and Transition Metals. 151.1 Trioxorhenium(VII) Alkoxide Complexes. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 465-471	5.1	25
24	Rhenium(VII) Oxo and Imido Complexes: Synthesis, Structures, and Applications. <i>Chemical Reviews</i> , <b>1997</b> , 97, 3197-3246	68.1	461
23	Multiple bonds between transition metals and main-group elements: Part 16111Communication 160 of this Series: M.H.P. Rietveld, L. Nagelholt, D.M. Grove, N. Veldman, A.L. Spek, M.U. Rauch, W.A. Hermann, G. van Koten, J. Organomet. Chem. (1996), in press. Oxygen-donor adducts of		31
22	Metallcarbonyl-Synthesen. 23. Kristallstruktur und Reaktionsverhalten von Carbonylmetall-Komplexen des Heptamethylindens. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1997</b> , 623, 1229-1236	1.3	7
21	Multiple bonds between transition metals and main-group elements, 163 nitrogen-donor adducts of organorhenium(VII) oxides: Structural and catalytic aspects. <i>Journal of Organometallic Chemistry</i> , <b>1997</b> , 538, 203-209	2.3	62
20	Multiple bonds between transition metals and main-group elements part 168. Methyltrioxorhenium/Lewisbase catalysts in olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , <b>1997</b> , 549, 319-322	2.3	61
19	Multiple Bonds between Main-Group Elements and Transition Metals, CLXV. Rhenium(V) Oxo Complexes with Bidentate Schiff Bases: Structures and Catalytic Applications. <i>Chemische Berichte</i> , <b>1997</b> , 130, 1427-1431		30

18	Preparation and Characterization of Bis[dihalo(Ebis(diphenylphosphino)amine)molybdenum(II)] Complexes. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 5764-5769	5.1	12
17	Dimolybdenum Compounds with Crosswise-Bridging Acetonitrile Molecules. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 5826-5827	16.4	47
16	Preparation and Characterization of Bis[(E)acetato]halo(Ebis(diphenylphosphino)amine)molybdenum(II)] Complexes. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 4733-4737	5.1	19
15	The Peroxo Perrhenic Acid $\text{H}_4\text{Re}_2\text{O}_{13}$ : An Oxygen-Rich Metal Peroxide and Oxidation Catalyst. <i>Chemistry - A European Journal</i> , <b>1996</b> , 2, 168-173	4.8	59
14	Synthesis and structure of trans-[di(E)acetato]dichlorodi-(Ebis(diphenylphosphino)methylamine)dimolybdenum(II)] and the structure of bis(diphenylphosphino)methylamine. <i>Inorganica Chimica Acta</i> , <b>1996</b> , 252, 251-256	2.7	26
13	Syntheses and structures of di(carboxylato)hexakis(acetonitrile)-dimolybdenum(II) bis(tetrafluoroborate) and trans-[di(E)acetato]-di(acetonitrile)di(Ebis(diphenylphosphino)amine)dimolybdenum(II)]	2.7	29
12	Mehrfachbindungen zwischen Hauptgruppenelementen und Bergangsmetallen. CXLIII. Indenyltrioxorhenium(VII): Organometalloxid mit dynamischer struktur. <i>Journal of Organometallic Chemistry</i> , <b>1995</b> , 489, C56-C59	2.3	27
11	Mehrfachbindungen zwischen Bergangsmetallen und hauptgruppenelementen CXXIV. 17O-NMR-spektroskopie an organorhenium(VII)-oxiden. <i>Journal of Organometallic Chemistry</i> , <b>1995</b> , 485, 243-251	2.3	42
10	Mehrfachbindungen zwischen Hauptgruppenelementen und Bergangsmetallen CXLVIII. Alkynylrhenium(VII)-oxide Synthese, eigenschaften und abbaureaktionen. <i>Journal of Organometallic Chemistry</i> , <b>1995</b> , 495, 209-213	2.3	21
9	Chlorotrioxorhenium. Neue Synthesen, Reaktionen und Derivate. <i>Chemische Berichte</i> , <b>1994</b> , 127, 47-54		31
8	Multiple bonds between main-group elements and transition metals. <i>Journal of Organometallic Chemistry</i> , <b>1994</b> , 481, 227-234	2.3	32
7	Nucleophilic cyclocarbenes as ligands in metal halides and metal oxides. <i>Journal of Organometallic Chemistry</i> , <b>1994</b> , 480, c7-c9	2.3	148
6	Mehrfachbindungen zwischen Hauptgruppenelementen und Bergangsmetallen, CXIV. Organorhenium(VII)-oxide. <i>Chemische Berichte</i> , <b>1993</b> , 126, 45-50		52
5	Heterolysis of $\text{Re}_2\text{O}_7$ : Generation and Stabilization of the Cation $[\text{ReO}_3]^+$ . <i>Angewandte Chemie International Edition in English</i> , <b>1993</b> , 32, 1714-1716		22
4	Heterolyse von $\text{Re}_2\text{O}_7$ : Erzeugung und Stabilisierung des Kations $[\text{ReO}_3]^+$ . <i>Angewandte Chemie</i> , <b>1993</b> , 105, 1768-1770	3.6	17
3	The Effect of trans Axial Isocyanide Ligands on Iron(II) Tetra-NHC Complexes and their Reactivity in Olefin Epoxidation. <i>Asian Journal of Organic Chemistry</i> ,	3	2
2	Effect of different parameters on caustic magnesia hydration and magnesium hydroxide rheology: a review. <i>Materials Advances</i> ,	3.3	3
1	Organometallic 3d transition metal NHC complexes in oxidation catalysis. <i>Catalysis Science and Technology</i> ,	5.5	2

