

Lus F Veiros

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.

225
papers

6,750
citations

46
h-index

67
g-index

262
ext. papers

7,423
ext. citations

5.3
avg, IF

6.01
L-index

#	Paper	IF	Citations
225	-Selective Manganese-Catalyzed Semihydrogenation of Alkynes with H Directly Employed or In Situ-Generated.. <i>ACS Catalysis</i> , 2022 , 12, 2253-2260	13.1	7
224	C [≡] N [≡] C hydrogen bonding in cyanobenzene-ethylenedithio-tetrathiafulvalene compounds. <i>CrystEngComm</i> , 2022 , 24, 1145-1155	3.3	0
223	Diazaborines Are a Versatile Platform to Develop ROS-Responsive Antibody Drug Conjugates*. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25914-25921	16.4	1
222	Manganese-Catalyzed Dehydrogenative Silylation of Alkenes Following Two Parallel Inner-Sphere Pathways. <i>Journal of the American Chemical Society</i> , 2021 , 143, 17825-17832	16.4	9
221	Manganese-Catalyzed Hydrogenation of Ketones under Mild and Base-free Conditions. <i>Organometallics</i> , 2021 , 40, 1388-1394	3.8	10
220	Carbon Dioxide Hydrogenation to Formate Catalyzed by a Bench-Stable, Non-Pincer-Type Mn(I) Alkylcarbonyl Complex. <i>Organometallics</i> , 2021 , 40, 1213-1220	3.8	12
219	Structural and Electronic Properties of Iron(0) PNP Pincer Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 1429-1435	1.3	
218	Selective Manganese-Catalyzed Dimerization and Cross-Coupling of Terminal Alkynes. <i>ACS Catalysis</i> , 2021 , 11, 6474-6483	13.1	9
217	Benzylnickel(II) Complexes of 2-Iminopyrrolyl Chelating Ligands: Synthesis, Structure, and Catalytic Oligo-/Polymerization of Ethylene to Hyperbranched Polyethylene. <i>Organometallics</i> , 2021 , 40, 2594-2609	3.8	1
216	Manganese complexes with chelating and bridging di-triazolylidene ligands: synthesis and reactivity. <i>Dalton Transactions</i> , 2021 , 50, 5911-5920	4.3	4
215	Hydroboration of Terminal Alkenes and trans-1,2-Diboration of Terminal Alkynes Catalyzed by a Manganese(I) Alkyl Complex. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24488-24492	16.4	10
214	Hydroboration of Terminal Alkenes and trans-1,2-Diboration of Terminal Alkynes Catalyzed by a Manganese(I) Alkyl Complex. <i>Angewandte Chemie</i> , 2021 , 133, 24693	3.6	0
213	Synthesis and Catalytic Reactivity of Cobalt Pincer Nitrosyl Hydride Complexes. <i>Organometallics</i> , 2021 , 40, 278-285	3.8	4
212	Manganese and iron PCP pincer complexes - the influence of sterics on structure and reactivity. <i>Dalton Transactions</i> , 2021 , 50, 13915-13924	4.3	1
211	Structural diversity in conducting bilayer salts (CNB-EDT-TTF) ₄ A. <i>CrystEngComm</i> , 2020 , 22, 8313-8321	3.3	2
210	Assistance of DFT calculations on the design and rationalization of active pharmaceutical ingredients synthesis - Michael addition-isomerization steps in Oseltamivir synthesis. <i>Tetrahedron</i> , 2020 , 76, 131373	2.4	
209	Engineering Boron Hot Spots for the Site-Selective Installation of Iminoboronates on Peptide Chains. <i>Chemistry - A European Journal</i> , 2020 , 26, 15226-15231	4.8	6

208	Base-Initiated Formation of Fe(BNP) Pincer Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 1101-1105	2.3	4
207	Ru-Catalyzed Carbonylative Murai Reaction: Directed C3-Acylation of Biomass-Derived 2-Formyl Heteroaromatics. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 2486-2493	5.6	7
206	Efficient α -Selective Semihydrogenation of Internal Alkynes Catalyzed by Cationic Iron(II) Hydride Complexes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 17452-17458	16.4	34
205	Rethinking Basic Concepts: Hydrogenation of Alkenes Catalyzed by Bench-Stable Alkyl Mn(I) Complexes. <i>ACS Catalysis</i> , 2019 , 9, 9715-9720	13.1	30
204	Hydroboration of terminal olefins with pinacolborane catalyzed by new 2-iminopyrrolyl iron(II) complexes. <i>Catalysis Science and Technology</i> , 2019 , 9, 3347-3360	5.5	4
203	Cyclic(Alkyl)(Amino)Carbene (CAAC)-Supported Zn Alkyls: Synthesis, Structure and Reactivity in Hydrosilylation Catalysis. <i>Chemistry - A European Journal</i> , 2019 , 25, 8061-8069	4.8	17
202	Five-Coordinate Low-Spin {FeNO} PNP Pincer Complexes. <i>Inorganic Chemistry</i> , 2019 , 58, 4641-4646	5.1	5
201	Access to Fe Bis(η -H) Aminoborane Complexes through Protonation of a Borohydride Complex and Dehydrogenation of Amine-Boranes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13874-13879	16.4	13
200	Access to Fe(II) Bis(η -H) Aminoborane Complexes through Protonation of a Borohydride Complex and Dehydrogenation of Amine-Boranes. <i>Angewandte Chemie</i> , 2019 , 131, 14012-14017	3.6	
199	Old Concepts, New Application - Additive-Free Hydrogenation of Nitriles Catalyzed by an Air Stable Alkyl Mn(I) Complex. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 5412-5420	5.6	26
198	Pinacol-Derived Chlorohydrosilane in Metal-Free Reductive Amination for the Preparation of Tertiary Alkylphenolmethyl Amines. <i>Organic Letters</i> , 2019 , 21, 1402-1406	6.2	3
197	Cr(II) and Cr(I) PCP Pincer Complexes: Synthesis, Structure, and Catalytic Reactivity. <i>Organometallics</i> , 2019 , 38, 4669-4678	3.8	11
196	Neutral Mono(5-aryl-2-iminopyrrolyl)nickel(II) Complexes as Precatalysts for the Synthesis of Highly Branched Ethylene Oligomers: Preparation, Molecular Characterization, and Catalytic Studies. <i>Organometallics</i> , 2019 , 38, 614-625	3.8	19
195	Carbon Dioxide Reduction to Methanol Catalyzed by Mn(I) PNP Pincer Complexes under Mild Reaction Conditions. <i>ACS Catalysis</i> , 2019 , 9, 632-639	13.1	53
194	Pd-Catalyzed Direct C-H Alkenylation and Allylation of Azine N-Oxides. <i>Organic Letters</i> , 2018 , 20, 2346-2350	2.5	28
193	Displacement of η -cyclopentadienyl ligands from half-sandwich C,C-(NHC-cyanoalkyl)-nickel(ii) metallacycles: further insight into the structure of the resulting Cp-free nickelacycles and a catalytic activity study. <i>Dalton Transactions</i> , 2018 , 47, 1535-1547	4.3	9
192	Formation of Mono Oxo Molybdenum(IV) PNP Pincer Complexes: Interplay between Water and Molecular Oxygen. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 876-884	2.3	4
191	Chemoselective Hydrogenation of Aldehydes under Mild, Base-Free Conditions: Manganese Outperforms Rhenium. <i>ACS Catalysis</i> , 2018 , 8, 4009-4016	13.1	84

190	Catalyst-dependent selectivity in sulfonium ylide cycloisomerization reactions. <i>Chemical Science</i> , 2018 , 9, 7091-7095	9.4	15
189	Iron(II) Bis(acetylide) Complexes as Key Intermediates in the Catalytic Hydrofunctionalization of Terminal Alkynes. <i>ACS Catalysis</i> , 2018 , 8, 7973-7982	13.1	47
188	Synthesis and Reactivity of Group Six Metal PCP Pincer Complexes: Reversible CO Addition Across the Metal-Caryl Bond. <i>Organometallics</i> , 2018 , 37, 3631-3638	3.8	7
187	Reversible Ligand Protonation of a Mn(I) PCP Pincer Complex To Afford a Complex with an η^2 -Caryl π Agostic Bond. <i>Organometallics</i> , 2018 , 37, 3475-3479	3.8	12
186	Thiopyridazine-Based Palladium and Platinum Boratrane Complexes. <i>Inorganic Chemistry</i> , 2018 , 57, 6921-6931	5.8	8
185	Iron PCP Pincer Complexes in Three Oxidation States: Reversible Ligand Protonation To Afford an Fe(0) Complex with an Agostic C-H Arene Bond. <i>Inorganic Chemistry</i> , 2018 , 57, 7925-7931	5.1	14
184	Cobalt(I) Complexes of 5-Aryl-2-iminopyrrolyl Ligands: Synthesis, Spin Isomerism, and Application in Catalytic Hydroboration. <i>Inorganic Chemistry</i> , 2018 , 57, 14671-14685	5.1	19
183	Cooperative Metal-Ligand Hydroamination Catalysis Supported by C-H Activation in Cyclam Zr(IV) Complexes. <i>Inorganic Chemistry</i> , 2018 , 57, 13034-13045	5.1	9
182	Lewis Base Catalyzed Intramolecular Reduction of Salicylaldehydes by Pinacol-Derived Chlorohydrosilane. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 2910-2917	3.2	5
181	Hydroboration of Terminal Olefins with Pinacolborane Catalyzed by New Mono(2-iminopyrrolyl) Cobalt(II) Complexes. <i>Inorganic Chemistry</i> , 2018 , 57, 8146-8159	5.1	21
180	Carbon dioxide hydrogenation catalysed by well-defined Mn(i) PNP pincer hydride complexes. <i>Chemical Science</i> , 2017 , 8, 5024-5029	9.4	129
179	Murai Reaction on Furfural Derivatives Enabled by Removable N,N'-Bidentate Directing Groups. <i>Chemistry - A European Journal</i> , 2017 , 23, 8385-8389	4.8	20
178	Modular Assembly of Reversible Multivalent Cancer-Cell-Targeting Drug Conjugates. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9346-9350	16.4	20
177	Stable, Yet Highly Reactive Nonclassical Iron(II) Polyhydride Pincer Complexes: Z-Selective Dimerization and Hydroboration of Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8130-8133	16.4	128
176	Modular Assembly of Reversible Multivalent Cancer-Cell-Targeting Drug Conjugates. <i>Angewandte Chemie</i> , 2017 , 129, 9474-9478	3.6	5
175	Three-Fold-Symmetric Selenium-Donor Metallaboratranes of Cobalt and Nickel. <i>Inorganic Chemistry</i> , 2017 , 56, 12670-12673	5.1	10
174	Accessing Two-Coordinate Zn Organocations by NHC Coordination: Synthesis, Structure, and Use as Lewis Acids in Alkene, Alkyne, and CO Hydrosilylation. <i>Chemistry - A European Journal</i> , 2017 , 23, 15908-15912	4.8	40
173	Hydrogen Generation via Activation of X-H Bonds in Ammonia and Water by an MoI Complex. <i>ChemistrySelect</i> , 2017 , 2, 11071-11082	1.8	1

172	Redox-Neutral Arylations of Vinyl Cation Intermediates. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 64-77	5.6	46
171	Dinuclear Systems in the Efficient Nickel-Catalyzed Kumada-Tamao-Corriu Cross-Coupling of Aryl Halides. <i>Organometallics</i> , 2017 , 36, 255-265	3.8	46
170	Arene C-H Bond Coordination versus C-H Bond Cleavage in Low-Valent Group 6 Carbonyl Pincer Complexes. <i>Organometallics</i> , 2016 , 35, 3032-3039	3.8	12
169	Divergent Coupling of Alcohols and Amines Catalyzed by Isoelectronic Hydride Mn(I) and Fe(II) PNP Pincer Complexes. <i>Chemistry - A European Journal</i> , 2016 , 22, 12316-20	4.8	181
168	Structural diversity of halocarbonyl molybdenum and tungsten PNP pincer complexes through ligand modifications. <i>Dalton Transactions</i> , 2016 , 45, 13834-45	4.3	9
167	Biomass-Based and Oxidant-Free Preparation of Hydroquinone from Quinic Acid. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 3856-3861	3.2	5
166	A Cobalt(I) Pincer Complex with an η^2 -C(aryl)-H Agostic Bond: Facile C-H Bond Cleavage through Deprotonation, Radical Abstraction, and Oxidative Addition. <i>Angewandte Chemie</i> , 2016 , 128, 3097-3100	3.6	15
165	Iminoboronates are efficient intermediates for selective, rapid and reversible α -terminal cysteine functionalisation. <i>Chemical Science</i> , 2016 , 7, 5052-5058	9.4	58
164	Highly Efficient and Selective Hydrogenation of Aldehydes: A Well-Defined Fe(II) Catalyst Exhibits Noble-Metal Activity. <i>ACS Catalysis</i> , 2016 , 6, 2664-2672	13.1	106
163	A Cobalt(I) Pincer Complex with an η^2 -C(aryl)-H Agostic Bond: Facile C-H Bond Cleavage through Deprotonation, Radical Abstraction, and Oxidative Addition. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3045-8	16.4	35
162	Brønsted Acid-Mediated Hydrative Arylation of Unactivated Alkynes. <i>Chemistry - A European Journal</i> , 2016 , 22, 4727-32	4.8	73
161	Efficient and Mild Carbon Dioxide Hydrogenation to Formate Catalyzed by Fe(II) Hydrido Carbonyl Complexes Bearing 2,6-(Diaminopyridyl)diphosphine Pincer Ligands. <i>ACS Catalysis</i> , 2016 , 6, 2889-2893	13.1	123
160	High-spin iron(II) complexes with mono-phosphorylated 2,6-diaminopyridine ligands. <i>Monatshefte für Chemie</i> , 2016 , 147, 1539-1545	1.4	10
159	Cationic indenylnickel complexes bearing a 1,5-cyclooctadiene ligand: Synthesis and characterization. <i>Polyhedron</i> , 2016 , 116, 162-169	2.7	1
158	Thiopyridazine-Based Copper Boratrane Complexes Demonstrating the Z-type Nature of the Ligand. <i>Inorganic Chemistry</i> , 2016 , 55, 4980-91	5.1	23
157	Synthesis and characterization of cationic dicarbonyl Fe(II) PNP pincer complexes. <i>Monatshefte für Chemie</i> , 2016 , 147, 1713-1719	1.4	3
156	Synthesis and reactivity of TADDOL-based chiral Fe(II) PNP pincer complexes-solution equilibria between η^2 P,N- and η^3 P,N,P-bound PNP pincer ligands. <i>Dalton Transactions</i> , 2015 , 44, 13071-86	4.3	13
155	Comparing spectroscopic and electrochemical properties of complexes of type $\text{Cp}^*\text{M}(\text{B-C}_3\text{H}_5)(\text{CO})_2$ ($\text{Cp}^* = \text{Cp}$, Ind, Flu): A complementary experimental and DFT study. <i>Journal of Organometallic Chemistry</i> , 2015 , 792, 154-166	2.3	6

154	Synthesis, Structure, and Reactivity of Co(II) and Ni(II) PCP Pincer Borohydride Complexes. <i>Organometallics</i> , 2015 , 34, 1364-1372	3.8	39
153	Organocatalyzed One-Step Synthesis of Functionalized N-Alkyl-Pyridinium Salts from Biomass Derived 5-Hydroxymethylfurfural. <i>Organic Letters</i> , 2015 , 17, 5244-7	6.2	26
152	Exploring the influence of steric hindrance and electronic nature of substituents in the supramolecular arrangements of 5-(substituted phenyl)-2-formylpyrroles. <i>CrystEngComm</i> , 2015 , 17, 6406-6419 ¹²	2.3	12
151	A contribution to the rational design of Ru(CO)3Cl2L complexes for in vivo delivery of CO. <i>Dalton Transactions</i> , 2015 , 44, 5058-75	4.3	50
150	Diazo- and transition-metal-free C-H insertion: a direct synthesis of β -lactams. <i>Chemistry - A European Journal</i> , 2015 , 21, 1449-53	4.8	27
149	Reactions of heteroallenes with cyclam-based Zr(IV) complexes. <i>Dalton Transactions</i> , 2015 , 44, 1441-55	4.3	10
148	FeII Carbonyl Complexes Featuring Small to Bulky PNP Pincer Ligands [Facile Substitution of β P,N-Bound PNP Ligands by Carbon Monoxide. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 5053-5065	2.3	18
147	Stereoselective gold(I) domino catalysis of allylic isomerization and olefin cyclopropanation: mechanistic studies. <i>Journal of Organic Chemistry</i> , 2015 , 80, 5719-29	4.2	25
146	Iron(II) complexes featuring β - and β -bound PNP pincer ligands--the significance of sterics. <i>Dalton Transactions</i> , 2015 , 44, 281-94	4.3	15
145	Vanadyl cationic complexes as catalysts in olefin oxidation. <i>Dalton Transactions</i> , 2015 , 44, 5125-38	4.3	40
144	Synthesis and characterization of ferrocenyl camphor compounds. <i>Journal of Organometallic Chemistry</i> , 2014 , 760, 108-114	2.3	7
143	Efficient Hydrogenation of Ketones and Aldehydes Catalyzed by Well-Defined Iron(II) PNP Pincer Complexes: Evidence for an Insertion Mechanism. <i>Organometallics</i> , 2014 , 33, 6905-6914	3.8	105
142	Synthesis and Reactivity of Four- and Five-Coordinate Low-Spin Cobalt(II) PCP Pincer Complexes and Some Nickel(II) Analogues. <i>Organometallics</i> , 2014 , 33, 6132-6140	3.8	32
141	An iron(II) complex featuring β and labile β -bound PNP pincer ligands - striking differences between CH2 and NH spacers. <i>Dalton Transactions</i> , 2014 , 43, 14517-9	4.3	15
140	CNN pincer ruthenium catalysts for hydrogenation and transfer hydrogenation of ketones: experimental and computational studies. <i>Chemistry - A European Journal</i> , 2014 , 20, 13603-17	4.8	42
139	Gold-catalyzed intermolecular synthesis of alkylidenecyclopropanes through catalytic allene activation. <i>Chemistry - A European Journal</i> , 2014 , 20, 10636-9	4.8	33
138	Trienamines derived from 5-substituted furfurals: remote β -functionalization of 2,4-dienals. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 9324-8	3.9	22
137	Synthesis and reactivity of coordinatively unsaturated halocarbonyl molybdenum PNP pincer complexes. <i>Dalton Transactions</i> , 2014 , 43, 14669-79	4.3	16

136	A complete series of halocarbonyl molybdenum PNP pincer complexes - Unexpected differences between NH and NMe spacers. <i>Journal of Organometallic Chemistry</i> , 2014 , 760, 74-83	2.3	26
135	Heterolytic Cleavage of Dihydrogen by an Iron(II) PNP Pincer Complex via Metal-Ligand Cooperation. <i>Organometallics</i> , 2013 , 32, 4114-4121	3.8	68
134	Ring-Expansion Reaction of Isatins with Ethyl Diazoacetate Catalyzed by Dirhodium(II)/DBU Metal-Organic System: En Route to Viridicatin Alkaloids. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 6280-6290	3.2	12
133	A novel V(IV)O-pyrimidinone complex: synthesis, solution speciation and human serum protein binding. <i>Dalton Transactions</i> , 2013 , 42, 11841-61	4.3	37
132	Tuning structure and properties of Pd and Pt camphor derived complexes. <i>Inorganica Chimica Acta</i> , 2013 , 395, 169-175	2.7	7
131	Stereoselective intramolecular cyclopropanation through catalytic olefin activation. <i>Chemical Science</i> , 2013 , 4, 1105	9.4	59
130	N-Heterocyclic Carbene Dirhodium(II) Complexes as Catalysts for Allylic and Benzylic Oxidations. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 1471-1478	3.2	18
129	N-heterocyclic carbene catalyzed addition of aldehydes to diazo compounds: stereoselective synthesis of N-acylhydrazones. <i>Organic Letters</i> , 2013 , 15, 1760-3	6.2	25
128	Discovery of new heterocycles with activity against human neutrophil elastase based on a boron promoted one-pot assembly reaction. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 4465-72	3.9	26
127	Synthesis and Characterization of Hydrido Carbonyl Molybdenum and Tungsten PNP Pincer Complexes. <i>Organometallics</i> , 2013 , 32, 3042-3052	3.8	48
126	Sulfoxide Redox Chemistry with Molybdenum Catalysts 2013 , 305-314		
125	Dinuclear Cationic Zirconium Hydrides Stabilized by the N,N-Dibenzylcyclam Ancillary Ligand. <i>Organometallics</i> , 2012 , 31, 4937-4940	3.8	12
124	Synthesis and structural characterization of novel cyclam-based zirconium complexes and their use in the controlled ROP of rac-lactide: access to cyclam-functionalized polylactide materials. <i>Dalton Transactions</i> , 2012 , 41, 14288-98	4.3	23
123	An Oligosilsesquioxane Cage Functionalized with Molybdenum(II) Organometallic Fragments. <i>Organometallics</i> , 2012 , 31, 4495-4503	3.8	27
122	Four-component assembly of chiral N-B heterocycles with a natural product-like framework. <i>Organic Letters</i> , 2012 , 14, 988-91	6.2	20
121	Iminoboronates: a new strategy for reversible protein modification. <i>Journal of the American Chemical Society</i> , 2012 , 134, 10299-305	16.4	138
120	Gold-katalysierte Synthese von Furanen und Furanonen aus Schwefel-Yliden. <i>Angewandte Chemie</i> , 2012 , 124, 9016-9020	3.6	43
119	Tandem RCM-Claisen rearrangement-[2+2] cycloaddition of O,O'-(but-2-en-1,4-diyl)-bridged binaphthols. <i>Molecules</i> , 2012 , 17, 14531-54	4.8	2

118	Fine Tuning of Dirhodium(II) Complexes: Exploring the Axial Modification. <i>ACS Catalysis</i> , 2012 , 2, 370-383	3.1	81
117	Gold-catalyzed synthesis of furans and furanones from sulfur ylides. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8886-90	16.4	106
116	Hydride Abstraction from [MCpBz(CO)3H] (M = Mo, W; CpBz = C5(CH2Ph)5): New Cationic Complexes Stabilized by π -C5H4:C6H5 Bonding of the Pentabenzylcyclopentadienyl Ligand. <i>Organometallics</i> , 2012 , 31, 4387-4396	3.8	2
115	Intramolecular Nitrile C-H Bond Activation in Nickel NHC Complexes: A Route to New Nickelacycles. <i>Organometallics</i> , 2011 , 30, 3400-3411	3.8	47
114	Reversible Addition of CO to Coordinatively Unsaturated High-Spin Iron(II) Complexes. <i>Organometallics</i> , 2011 , 30, 6587-6601	3.8	18
113	NHC/iron cooperative catalysis: aerobic oxidative esterification of aldehydes with phenols. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 3126-9	3.9	101
112	Indenyl effect in dissociative reactions. Nucleophilic substitution in iron carbonyl complexes: a case study. <i>Dalton Transactions</i> , 2011 , 40, 11138-46	4.3	16
111	Chemoselective Sulfide and Sulfoxide Oxidations by CpMo(CO)3Cl/HOOR: a DFT Mechanistic Study. <i>Organometallics</i> , 2011 , 30, 1454-1465	3.8	24
110	Indenyl ring slippage in crown thioether complexes [IndMo(CO)2L]+ and C-S activation of trithiacyclononane: experimental and theoretical studies. <i>Dalton Transactions</i> , 2011 , 40, 10513-25	4.3	17
109	Reactivity of coordinatively unsaturated iron complexes towards carbon monoxide: to bind or not to bind?. <i>Dalton Transactions</i> , 2011 , 40, 4778-92	4.3	30
108	Synthesis, Structure, Ligand Dynamics, and Catalytic Activity of Cationic [Pd(η -allyl)(η (E,N)-EN-chelate)]+(E = P, O, S, Se) Complexes. <i>Organometallics</i> , 2011 , 30, 5928-5942	3.8	19
107	Double Metalation of Acetone by a Nickel-NHC Complex: Trapping of an Oxyallyl Ligand at a Dinickel Center. <i>Organometallics</i> , 2011 , 30, 6495-6498	3.8	37
106	Asymmetric synthesis of trans-4,5-dioxygenated cyclopentenone derivatives by organocatalyzed rearrangement of pyranones and enzymatic dynamic kinetic resolution. <i>Tetrahedron</i> , 2011 , 67, 2779-2787	2.4	23
105	Structure and Reactivity of Neutral and Cationic trans-N,N'-Dibenzylcyclam Zirconium Alkyl Complexes. <i>Organometallics</i> , 2010 , 29, 3753-3764	3.8	27
104	Highly Efficient Reduction of Sulfoxides with the System Borane/Oxo-rhenium Complexes. <i>Organometallics</i> , 2010 , 29, 5517-5525	3.8	61
103	C-H activation of acetonitrile at nickel: ligand flip and conversion of N-bound acetonitrile into a C-bound cyanomethyl ligand. <i>Journal of the American Chemical Society</i> , 2010 , 132, 13588-9	16.4	56
102	Kinetically Controlled Formation of Octahedral trans-Dicarbonyl Iron(II) PNP Pincer Complexes: The Decisive Role of Spin-State Changes. <i>Organometallics</i> , 2010 , 29, 4932-4942	3.8	38
101	Sodium complexes containing 2-iminopyrrolyl ligands: the influence of steric hindrance in the formation of coordination polymers. <i>Dalton Transactions</i> , 2010 , 39, 736-48	4.3	40

100	Water as the reaction medium for multicomponent reactions based on boronic acids. <i>Tetrahedron</i> , 2010 , 66, 2736-2745	2.4	76
99	Unusual Anion Effects in the Iron-Catalyzed Formation of 3-Hydroxyacrylates from Aromatic Aldehydes and Ethyl Diazoacetate. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 3160-3166	2.3	18
98	Chemoselectivity as a delineator of cuprate structure in catalytic 1,4-addition of diorganozinc reagents to Michael acceptors. <i>Chemistry - A European Journal</i> , 2010 , 16, 5620-9	4.8	19
97	The role of cyclopentadienyl versus indenyl in Mo(II) spirodiene complexes reactivity: A DFT mechanistic study. <i>Inorganica Chimica Acta</i> , 2010 , 363, 555-561	2.7	6
96	Selective arylation of aldehydes with di-rhodium(II)/NHC catalysts. <i>Tetrahedron</i> , 2010 , 66, 8494-8502	2.4	29
95	Cyclization of Diazoacetamides Catalyzed by N-Heterocyclic Carbene Dirhodium(II) Complexes. <i>Synthesis</i> , 2009 , 2009, 3519-3526	2.9	7
94	Ion pairing and salt structure in organic salts through diffusion, Overhauser, DFT and X-ray methods. <i>Chemistry - A European Journal</i> , 2009 , 15, 6848-62	4.8	14
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