

Martin Albrecht

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

16,598
citations

20797

60
h-index

16636

123
g-index

238
all docs

238
docs citations

238
times ranked

8974
citing authors

#	ARTICLE	IF	CITATIONS
1	N-Heterocyclic carbene iron complexes catalyze the ring-opening polymerization of lactide. <i>Catalysis Science and Technology</i> , 2022, 12, 996-1004.	2.1	15
2	Pyridylidene Amide Ru Complex for Selective Oxidation in Organic Synthesis. <i>Organic Letters</i> , 2022, 24, 1378-1382.	2.4	8
3	Carbohydrate-Functionalized Triazolylidene Iridium Complexes: Hydrogenation Catalysis in Water with Asymmetric Induction. <i>ChemCatChem</i> , 2022, 14, .	1.8	2
4	Oxo-functionalised mesoionic NHC nickel complexes for selective electrocatalytic reduction of CO ₂ to formate. <i>Green Chemistry</i> , 2021, 23, 3365-3373.	4.6	10
5	Manganese complexes with chelating and bridging di-triazolylidene ligands: synthesis and reactivity. <i>Dalton Transactions</i> , 2021, 50, 5911-5920.	1.6	10
6	Exploring the stability of the NHC-metal bond using thiones as probes. <i>Chemical Communications</i> , 2021, 57, 10600-10603.	2.2	10
7	Minimalistic peptidic scaffolds harbouring an artificial carbene-containing amino acid modulate reductase activity. <i>Chemical Communications</i> , 2021, 57, 9068-9071.	2.2	2
8	Modulation of N ² -bidentate chelating pyridyl-pyridylidene amide ligands offers mechanistic insights into Pd-catalysed ethylene/methyl acrylate copolymerisation. <i>Dalton Transactions</i> , 2021, 50, 6133-6145.	1.6	8
9	Synthesis, stability, and reactivity of mesoionic carbene iridium dihydride complexes. <i>Canadian Journal of Chemistry</i> , 2021, 99, 221-229.	0.6	0
10	Highly Modular Piano-Stool N-Heterocyclic Carbene Iron Complexes: Impact of Ligand Variation on Hydrosilylation Activity. <i>Organometallics</i> , 2021, 40, 1538-1550.	1.1	9
11	Cascade Reductive Friedel-Crafts Alkylation Catalyzed by Robust Iridium(III) Hydride Complexes Containing a Protic Triazolylidene Ligand. <i>ACS Catalysis</i> , 2021, 11, 8999-9007.	5.5	5
12	Mesoionic carbene cobalt complexes as multipurpose catalyst precursors for hydrosilylation and dihydropyrimidinone synthesis. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100181.	1.0	0
13	An Iron-Mesoionic Carbene Complex for Catalytic Intramolecular C-H Amination Utilizing Organic Azides. <i>Journal of the American Chemical Society</i> , 2021, 143, 20157-20165.	6.6	20
14	Modular O- vs. N-coordination of pyridylidene amide ligands to iron determines activity in alcohol oxidation catalysis. <i>Dalton Transactions</i> , 2020, 49, 17674-17682.	1.6	5
15	Synthesis and Reactivity of Remarkably Stable and Nucleophilic Hydroxide-Bridged Dimetallic Nickel NHC Complexes. <i>Organometallics</i> , 2020, 39, 3413-3424.	1.1	9
16	Anion-cation synergistic metal-free catalytic oxidative homocoupling of benzylamines by triazolium iodide salts. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7379-7387.	1.5	4
17	Effect of Ligand Chelation and Sacrificial Oxidant on the Integrity of Triazole-Based Carbene Iridium Water Oxidation Catalysts. <i>Inorganic Chemistry</i> , 2020, 59, 12337-12347.	1.9	18
18	Ambidentate bonding and electrochemical implications of pincer-type pyridylidene amide ligands in complexes of nickel, cobalt and zinc. <i>Dalton Transactions</i> , 2020, 49, 12662-12673.	1.6	8

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19	Carbene-Induced Rescue of Catalytic Activity in Deactivated Nitrite Reductase Mutant. <i>Chemistry - A European Journal</i> , 2020, 26, 15206-15211.	1.7	2
20	O-Functionalised NHC Ligands for Efficient Nickel-catalysed C=O Hydrosilylation. <i>Chimia</i> , 2020, 74, 483.	0.3	7
21	Structural, Electronic, and Catalytic Modulation of Chelating Pyridylideneamide Ruthenium(II) Complexes. <i>Organometallics</i> , 2020, 39, 2383-2391.	1.1	16
22	Donor-Flexible Bis(pyridylidene amide) Ligands for Highly Efficient Ruthenium-Catalyzed Olefin Oxidation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8932-8936.	7.2	39
23	Donor-Flexible Bis(pyridylidene amide) Ligands for Highly Efficient Ruthenium-Catalyzed Olefin Oxidation. <i>Angewandte Chemie</i> , 2020, 132, 9017-9021.	1.6	1
24	Relevance of Chemical vs. Electrochemical Oxidation of Tunable Carbene Iridium Complexes for Catalytic Water Oxidation. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 801-812.	1.0	16
25	Catalyst design for highly efficient carbon dioxide hydrogenation to formic acid under buffering conditions. <i>Journal of Catalysis</i> , 2020, 385, 1-9.	3.1	40
26	Selective Conversion of Various Monosaccharides into Sugar Acids by Additive-Free Dehydrogenation in Water. <i>ChemCatChem</i> , 2020, 12, 3746-3752.	1.8	9
27	Highly Efficient Transfer Hydrogenation Catalysis with Tailored Pyridylidene Amide Pincer Ruthenium Complexes. <i>Chemistry - A European Journal</i> , 2020, 26, 13226-13234.	1.7	15
28	Switchable iridium hydride catalysts for controlling selectivity of alcohol oxidation. <i>Journal of Organometallic Chemistry</i> , 2020, 920, 121290.	0.8	3
29	Aerobic dehydrogenation of amines to nitriles catalyzed by triazolylidene ruthenium complexes with O ₂ as terminal oxidant. <i>Dalton Transactions</i> , 2020, 49, 1981-1991.	1.6	16
30	Carbohydrate-functionalized N-heterocyclic carbene Ru(II) complexes: synthesis, characterization and catalytic transfer hydrogenation activity. <i>Dalton Transactions</i> , 2019, 48, 11838-11847.	1.6	22
31	Imidazolylidene Cu(II) Complexes: Synthesis Using Imidazolium Carboxylate Precursors and Structure Rearrangement Pathways. <i>Inorganic Chemistry</i> , 2019, 58, 16047-16058.	1.9	12
32	Iridium Water Oxidation Catalysts Based on Pyridine-Carbene Alkyl-Substituted Ligands. <i>ChemCatChem</i> , 2019, 11, 5353-5361.	1.8	22
33	Palladium(II), Rhodium(I), and Iridium(I) Complexes Containing O-Functionalized 1,2,3-Triazol-5-ylidene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4263-4272.	1.0	8
34	Ruthenium Complexes with PYA Pincer Ligands for Catalytic Transfer Hydrogenation of Challenging Substrates. <i>Chimia</i> , 2019, 73, 299.	0.3	9
35	Synthesis, Stability, and (De)hydrogenation Catalysis by Normal and Abnormal Alkene- and Picolyl-Tethered NHC Ruthenium Complexes. <i>Organometallics</i> , 2019, 38, 2624-2635.	1.1	21
36	Chiral luminescent lanthanide complexes possessing strong (samarium, Sm ^{III}) circularly polarised luminescence (CPL), and their self-assembly into Langmuir-Blodgett films. <i>Dalton Transactions</i> , 2019, 48, 11317-11325.	1.6	39

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37	(Di)triazolylidene manganese complexes in catalytic oxidation of alcohols to ketones and aldehydes. <i>Catalysis Science and Technology</i> , 2019, 9, 2421-2425.	2.1	26
38	Optimization of Synthetically Versatile Pyridylidene Amide Ligands for Efficient Iridium-Catalyzed Water Oxidation. <i>Chemistry - A European Journal</i> , 2018, 24, 6386-6398.	1.7	29
39	Z-Selective alkyne semi-hydrogenation catalysed by piano-stool N-heterocyclic carbene iron complexes. <i>Catalysis Science and Technology</i> , 2018, 8, 2779-2783.	2.1	31
40	Unveiling the role of ancillary ligands in acceptorless benzyl alcohol dehydrogenation and etherification mediated by mesoionic carbene iridium complexes. <i>Dalton Transactions</i> , 2018, 47, 74-82.	1.6	11
41	A mesoionic nitrogen-donor ligand: structure, iridium coordination, and catalytic effects. <i>Dalton Transactions</i> , 2018, 47, 659-662.	1.6	25
42	NHC-Based Iridium Catalysts for Hydrogenation and Dehydrogenation of N-Heteroarenes in Water under Mild Conditions. <i>ACS Catalysis</i> , 2018, 8, 17-21.	5.5	102
43	Self-Assembly Properties of Amphiphilic Iron(III) Spin Crossover Complexes in Water and at the Air-Water Interface. <i>Magnetochemistry</i> , 2018, 4, 49.	1.0	10
44	Olefin Dimerization and Isomerization Catalyzed by Pyridylidene Amide Palladium Complexes. <i>Organometallics</i> , 2018, 37, 3619-3630.	1.1	18
45	Carbene in Cupredoxin Protein Scaffolds: Replacement of a Histidine Ligand in the Active Site Substantially Alters Copper Redox Properties. <i>Angewandte Chemie</i> , 2018, 130, 10837-10842.	1.6	2
46	Modular Pincer-type Pyridylidene Amide Ruthenium(II) Complexes for Efficient Transfer Hydrogenation Catalysis. <i>Inorganic Chemistry</i> , 2018, 57, 11761-11774.	1.9	31
47	Carbene in Cupredoxin Protein Scaffolds: Replacement of a Histidine Ligand in the Active Site Substantially Alters Copper Redox Properties. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10677-10682.	7.2	7
48	Mesoionic and Related Less Heteroatom-Stabilized N-Heterocyclic Carbene Complexes: Synthesis, Catalysis, and Other Applications. <i>Chemical Reviews</i> , 2018, 118, 9493-9586.	23.0	360
49	LIGANDS WITH INTRINSIC DONOR FLEXIBILITY FOR REDOX CATALYSIS. , 2018, , .		0
50	Triazolylidene Metal Complexes Tagged with a Bodipy Chromophore: Synthesis and Monitoring of Ligand Exchange Reactions. <i>Organometallics</i> , 2017, 36, 1469-1478.	1.1	20
51	Influence of the Linker Length and Coordination Mode of (Di)Triazolylidene Ligands on the Structure and Catalytic Transfer Hydrogenation Activity of Iridium(III) Centers. <i>Organometallics</i> , 2017, 36, 1580-1590.	1.1	27
52	Synthesis, hemilability, and catalytic transfer hydrogenation activity of Iridium(III) and ruthenium(II) complexes containing oxygen-functionalised triazolylidene ligands. <i>Journal of Organometallic Chemistry</i> , 2017, 845, 196-205.	0.8	24
53	Triazolylidene-Iridium Complexes with a Pendant Pyridyl Group for Cooperative Metal-Ligand Induced Catalytic Dehydrogenation of Amines. <i>Chemistry - A European Journal</i> , 2017, 23, 8901-8911.	1.7	20
54	Carbohydrate-Functionalized 1,2,3-Triazolylidene Complexes for Application in Base-Free Alcohol and Amine Oxidation. <i>Inorganic Chemistry</i> , 2017, 56, 12410-12420.	1.9	29

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55	Ether formation through reductive coupling of ketones or aldehydes catalyzed by a mesoionic carbene iridium complex. <i>Catalysis Science and Technology</i> , 2017, 7, 5766-5774.	2.1	16
56	Enhanced Catalytic Activity of Iridium(III) Complexes by Facile Modification of C,N-Bidentate Chelating Pyridylideneamide Ligands. <i>Inorganic Chemistry</i> , 2017, 56, 11688-11701.	1.9	41
57	Piano-stool N-heterocyclic carbene iron complexes: Synthesis, reactivity and catalytic applications. <i>Coordination Chemistry Reviews</i> , 2017, 352, 1-14.	9.5	57
58	Triazolylidene Iridium Complexes for Highly Efficient and Versatile Transfer Hydrogenation of C=O, C=N, and C=C Bonds and for Acceptorless Alcohol Oxidation. <i>Inorganic Chemistry</i> , 2017, 56, 11282-11298.	1.9	54
59	Triazolylidene Iron(II) Piano-Stool Complexes: Synthesis and Catalytic Hydrosilylation of Carbonyl Compounds. <i>Organometallics</i> , 2017, 36, 2902-2913.	1.1	49
60	Exploring the Effect of Ligand Structural Isomerism in Langmuir-Blodgett Films of Chiral Luminescent Eu ^{III} Self-Assemblies. <i>Chemistry - A European Journal</i> , 2016, 22, 9709-9723.	1.7	19
61	Frontispiece: Donor-Flexible Nitrogen Ligands for Efficient Iridium-Catalyzed Water Oxidation Catalysis. <i>Chemistry - A European Journal</i> , 2016, 22, .	1.7	0
62	N-Heterocyclic Carbenes as Ligands in Metal Complexes. , 2016, , .		0
63	Effects of histidin-2-ylidene vs. imidazol-2-ylidene ligands on the anticancer and antivasular activity of complexes of ruthenium, iridium, platinum, and gold. <i>Journal of Inorganic Biochemistry</i> , 2016, 163, 221-228.	1.5	32
64	Bonding and Catalytic Application of Ruthenium N-Heterocyclic Carbene Complexes Featuring Triazole, Triazolylidene, and Imidazolylidene Ligands. <i>Organometallics</i> , 2016, 35, 2980-2986.	1.1	46
65	Small molecule activation. <i>Dalton Transactions</i> , 2016, 45, 14419-14420.	1.6	17
66	Synthesis of Triazolylidene Nickel Complexes and Their Catalytic Application in Selective Aldehyde Hydrosilylation. <i>ACS Catalysis</i> , 2016, 6, 8192-8200.	5.5	50
67	Synthesis and catalytic applications of 1,2,3-triazolylidene gold(ⁱ) complexes in silver-free oxazoline syntheses and C-H bond activation. <i>Dalton Transactions</i> , 2016, 45, 14591-14602.	1.6	48
68	Versatile bonding and coordination modes of ditriazolylidene ligands in rhodium(ⁱⁱⁱ) and iridium(ⁱⁱⁱ) complexes. <i>Dalton Transactions</i> , 2016, 45, 15859-15871.	1.6	20
69	Carboxylate-Functionalized Mesoionic Carbene Precursors: Decarboxylation, Ruthenium Bonding, and Catalytic Activity in Hydrogen Transfer Reactions. <i>Organometallics</i> , 2016, 35, 2256-2266.	1.1	36
70	Donor-Flexible Nitrogen Ligands for Efficient Iridium-Catalyzed Water Oxidation Catalysis. <i>Chemistry - A European Journal</i> , 2016, 22, 6740-6745.	1.7	49
71	Transfer hydrogenation with abnormal dicarbene rhodium(ⁱⁱⁱ) complexes containing ancillary and modular poly-pyridine ligands. <i>Dalton Transactions</i> , 2016, 45, 4570-4579.	1.6	13
72	Enhanced product selectivity promoted by remote metal coordination in acceptor-free alcohol dehydrogenation catalysis. <i>Chemical Communications</i> , 2016, 52, 3344-3347.	2.2	54

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73	Ligand Exchange Processes in Abnormal N-Heterocyclic Carbene Rhodium Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 2250-2257.	0.6	3
74	Predictable adjustment of spin crossover temperature in solutions of iron(II) complexes functionalized with alkyl-urea tails. <i>Journal of Materials Chemistry C</i> , 2015, 3, 7883-7889.	2.7	21
75	Synthesis, Isomerization, and Catalytic Transfer Hydrogenation Activity of Rhodium(III) Complexes Containing Both Chelating Dicarbenes and Diphosphine Ligands. <i>Organometallics</i> , 2015, 34, 5723-5733.	1.1	29
76	Controlling the Selectivity of C-H Activation in Pyridinium Triazolylidene Iridium Complexes: Mechanistic Details and Influence of Remote Substituents. <i>Organometallics</i> , 2015, 34, 858-869.	1.1	28
77	Ruthenium(0) complexes with triazolylidene spectator ligands: Oxidative activation for (de)hydrogenation catalysis. <i>Journal of Organometallic Chemistry</i> , 2015, 793, 256-262.	0.8	23
78	â€œTailâ€•Tuning of Iron(II) Spin Crossover Temperature by 100 K. <i>Inorganic Chemistry</i> , 2015, 54, 2902-2909.	1.9	42
79	Late Transition Metal Complexes with Pincer Ligands that Comprise N-Heterocyclic Carbene Donor Sites. <i>Topics in Organometallic Chemistry</i> , 2015, , 45-91.	0.7	17
80	Substantial Improvement of Pyridine-Carbene Iridium Water Oxidation Catalysts by a Simple Methyl-to-Octyl Substitution. <i>ACS Catalysis</i> , 2015, 5, 2714-2718.	5.5	74
81	Silver(I) NHC mediated C-C bond activation of alkyl nitriles and catalytic efficiency in oxazoline synthesis. <i>Chemical Communications</i> , 2015, 51, 8699-8701.	2.2	31
82	Iridium-mediated Bond Activation and Water Oxidation as an Exemplary Case of CARISMA, A European Network for the Development of Catalytic Routines for Small Molecule Activation. <i>Chimia</i> , 2015, 69, 316-320.	0.3	0
83	Adaptive N-Mesoionic Ligands Anchored to a Triazolylidene for Ruthenium-Mediated (De)Hydrogenation Catalysis. <i>Organometallics</i> , 2015, 34, 4076-4084.	1.1	45
84	Iridium, ruthenium, and palladium complexes containing a mesoionic fused imidazolylidene ligand. <i>Journal of Organometallic Chemistry</i> , 2015, 775, 117-123.	0.8	13
85	Ligand Exchange and Redox Processes in Iridium Triazolylidene Complexes Relevant to Catalytic Water Oxidation. <i>Inorganic Chemistry</i> , 2014, 53, 12896-12901.	1.9	29
86	Iridium Complexes Containing Mesoionic C Donors: Selective C(sp ³)-H versus C(sp ²)-H Bond Activation, Reactivity Towards Acids and Bases, and Catalytic Oxidation of Silanes and Water. <i>Chemistry - A European Journal</i> , 2014, 20, 15775-15784.	1.7	47
87	Normal and Abnormal N-Heterocyclic Carbene Ligands. <i>Advances in Organometallic Chemistry</i> , 2014, 62, 111-158.	0.5	44
88	Synthesis, structural, photophysical and electrochemical studies of various d-metal complexes of btp [2,6-bis(1,2,3-triazol-4-yl)pyridine] ligands that give rise to the formation of metallo-supramolecular gels. <i>Dalton Transactions</i> , 2014, 43, 196-209.	1.6	45
89	Synthesis and catalytic alcohol oxidation and ketone transfer hydrogenation activity of donor-functionalized mesoionic triazolylidene ruthenium(II) complexes. <i>Dalton Transactions</i> , 2014, 43, 4462-4473.	1.6	91
90	Transfer Hydrogenation Catalysis by a N-Heterocyclic Carbene Iridium Complex on a Polyoxometalate Platform. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2356-2360.	1.0	22

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91	Springloaded porphyrin NHC hybrid rhodium(iii) complexes: carbene dissociation and oxidation catalysis. <i>Chemical Communications</i> , 2014, 50, 3488.	2.2	27
92	Carbene iridium complexes for efficient water oxidation: scope and mechanistic insights. <i>Energy and Environmental Science</i> , 2014, 7, 2316-2328.	15.6	102
93	Catalytic and Organometallic Chemistry of Earth-Abundant Metals. <i>Organometallics</i> , 2014, 33, 5619-5621.	1.1	67
94	Solvent-Dependent Switch of Ligand Donor Ability and Catalytic Activity of Ruthenium(II) Complexes Containing Pyridinylidene Amide (PYA) N-Heterocyclic Carbene Hybrid Ligands. <i>Inorganic Chemistry</i> , 2014, 53, 8054-8060.	1.9	43
95	Mesoionic Triazolylidene Nickel Complexes: Synthesis, Ligand Lability, and Catalytic C-C Bond Formation Activity. <i>Organometallics</i> , 2014, 33, 5834-5844.	1.1	53
96	Bimetallic Iridium-Carbene Complexes with Mesoionic Triazolylidene Ligands for Water Oxidation Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 708-714.	1.0	47
97	Dinuclear ruthenium complexes containing a new ditopic phthalazin-bis(triazole) ligand that promotes metal-metal interactions. <i>New Journal of Chemistry</i> , 2014, 38, 1980-1987.	1.4	17
98	Synthesis of pincer-type N-heterocyclic carbene palladium complexes with a hemilabile ligand and their application in cross-coupling catalysis. <i>Journal of Organometallic Chemistry</i> , 2014, 771, 33-39.	0.8	25
99	Carbene Transfer from Triazolylidene Gold Complexes as a Potent Strategy for Inducing High Catalytic Activity. <i>Journal of the American Chemical Society</i> , 2013, 135, 13193-13203.	6.6	125
100	Transition metal bioconjugates with an organometallic link between the metal and the biomolecular scaffold. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2420-2433.	9.5	71
101	Application of 1,2,3-triazolylidenes as versatile NHC-type ligands: synthesis, properties, and application in catalysis and beyond. <i>Chemical Communications</i> , 2013, 49, 1145-1159.	2.2	345
102	Platinum(ii) and platinum(iv) complexes stabilized by abnormal/mesoionic C4-bound dicarbenes. <i>Dalton Transactions</i> , 2013, 42, 4197-4207.	1.6	32
103	Wingtip substituents tailor the catalytic activity of ruthenium triazolylidene complexes in base-free alcohol oxidation. <i>Dalton Transactions</i> , 2013, 42, 7424.	1.6	53
104	Peptide-tethered monodentate and chelating histidylidene metal complexes: synthesis and application in catalytic hydrosilylation. <i>Dalton Transactions</i> , 2013, 42, 5655.	1.6	25
105	Synthesis, Photo-, and Electrochemistry of Ruthenium Bis(bipyridine) Complexes Comprising a <i>N</i> -heterocyclic Carbene Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 5395-5402.	1.9	106
106	Near Infrared (NIR) Lanthanide Emissive Langmuir-Blodgett Monolayers Formed Using Nd(III) Directed Self-Assembly Synthesis of Chiral Amphiphilic Ligands. <i>Langmuir</i> , 2013, 29, 11506-11515.	1.6	30
107	Efficient Electronic Communication of Two Ruthenium Centers through a Rigid Ditopic N-Heterocyclic Carbene Linker. <i>Chemistry - A European Journal</i> , 2013, 19, 17517-17527.	1.7	36
108	Regioselective Electrophilic H Bond Activation in Triazolylidene Metal Complexes Containing a N-Bound Phenyl Substituent. <i>Organometallics</i> , 2012, 31, 8414-8419.	1.1	67

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109	Stereospecific synthesis and catalytic activity of l-histidylidene metal complexes. Dalton Transactions, 2012, 41, 8813.	1.6	18
110	A magnetic iron(III) switch with controlled and adjustable thermal response for solution processing. Dalton Transactions, 2012, 41, 3726.	1.6	37
111	Synthesis of a sterically modulated pyridine-NHC palladium complex and its reactivity towards ethylene. New Journal of Chemistry, 2012, 36, 1552.	1.4	13
112	Inducing hysteretic spin crossover in solution. Dalton Transactions, 2012, 41, 7461.	1.6	37
113	A chelating tetrapeptide rhodium complex comprised of a histidylidene residue: biochemical tailoring of an NHC-Rh hydrosilylation catalyst. Chemical Communications, 2012, 48, 10960.	2.2	40
114	Photolytic water oxidation catalyzed by a molecular carbene iridium complex. Dalton Transactions, 2012, 41, 13074.	1.6	94
115	Palladium Carbene Complexes for Selective Alkene Di- and Oligomerization. Organometallics, 2012, 31, 976-986.	1.1	54
116	Chelating C4-Bound Imidazolylidene Complexes through Oxidative Addition of Imidazolium Salts to Palladium(0). European Journal of Inorganic Chemistry, 2012, 2012, 1394-1402.	1.0	40
117	Unexpected Outcomes of the Oxidation of (Pentafluorophenyl)triphenylphosphane-gold(I) The Question of <i>cis</i> versus <i>trans</i> Configuration in Octahedral Metal Diketonates: An In-Depth Investigation on Diorganobis(4-acylpyrazolonato)tin(IV) Complexes Chelating C4-Bound Imidazolylidene Complexes through Oxidative Addition of Imidazolium Salts to Palladium(0) Ruthenium Acetate Complexes as Versatile P. European Journal of Inorganic Chemistry, 2012, 2012, .	1.0	0
118	PEPPSI-Type Palladium Complexes Containing Basic 1,2,3-Triazolylidene Ligands and Their Role in Suzuki-Miyaura Catalysis. Chemistry - A European Journal, 2012, 18, 6055-6062.	1.7	150
119	Mesoionic oxides: facile access from triazolium salts or triazolylidene copper precursors, and catalytic relevance. Chemical Communications, 2012, 48, 6499.	2.2	36
120	N-Heterocyclic carbene bonding to cobalt porphyrin complexes. Inorganica Chimica Acta, 2012, 380, 90-95.	1.2	29
121	Rhodium Carbene Complexes as Versatile Catalyst Precursors for C-H Bond Activation. Chemistry - A European Journal, 2012, 18, 652-658.	1.7	52
122	Circularly Polarized Lanthanide Luminescence from Langmuir-Blodgett Films Formed from Optically Active and Amphiphilic Eu(III)-Based Self-Assembly Complexes. Angewandte Chemie - International Edition, 2012, 51, 704-708.	7.2	83
123	Smooth C(alkyl)-H bond activation in rhodium complexes comprising abnormal carbene ligands. Dalton Transactions, 2011, 40, 9911.	1.6	35
124	Modulating the Steric, Electronic, and Catalytic Properties of Cp* Ruthenium Half-Sandwich Complexes with η^2 -Diketiminato Ligands. Organometallics, 2011, 30, 6119-6132.	1.1	28
125	Abnormal N-heterocyclic Carbenes: More than Just Exceptionally Strong Donor Ligands. Australian Journal of Chemistry, 2011, 64, 1113.	0.5	103
126	Transfer hydrogenation of unfunctionalised alkenes using N-heterocyclic carbene ruthenium catalyst precursors. Chemical Communications, 2011, 47, 8802.	2.2	67

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127	Synthesis and catalytic activity of histidine-based NHC ruthenium complexes. Dalton Transactions, 2011, 40, 2716.	1.6	39
128	Synthesis and self-assembly of spin-labile and redox-active manganese(III) complexes. Dalton Transactions, 2011, 40, 1855.	1.6	44
129	Probing Intermetallic Coupling in Dinuclear N-Heterocyclic Carbene Ruthenium(II) Complexes. Inorganic Chemistry, 2011, 50, 8188-8196.	1.9	47
130	Tunable single-site ruthenium catalysts for efficient water oxidation. Chemical Communications, 2011, 47, 8058.	2.2	139
131	Synthesis and Tunability of Abnormal 1,2,3-Triazolylidene Palladium and Rhodium Complexes. Organometallics, 2011, 30, 1021-1029.	1.1	127
132	Oxidations and Oxidative Couplings Catalyzed by Triazolylidene Ruthenium Complexes. Organometallics, 2011, 30, 1162-1167.	1.1	236
133	Cleavage of unreactive bonds with pincer metal complexes. Dalton Transactions, 2011, 40, 8733.	1.6	123
134	Abnormal NHC Palladium Complexes: Synthesis, Structure, and Reactivity. Current Organic Chemistry, 2011, 15, 3325-3336.	0.9	48
135	Normal and abnormal carbene complexes derived from thiazole: Preparation and a preliminary investigation of their relative catalytic performance. Polyhedron, 2011, 30, 2776-2782.	1.0	18
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