Eric Meggers

List of Publications by Year
in descending order

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232 papers	17,188 citations	9756 73 h-index	18606 119 g-index
281 all docs	281 docs citations	281 times ranked	10564 citing authors

#	Article	IF	Citations
1	Stereocontrolled 1,3-nitrogen migration to access chiral Î±-amino acids. Nature Chemistry, 2022, 14, 566-573.	6.6	43
2	Electrochemical Enantioselective Nucleophilic Î±-C(sp³)â€“H Alkenylation of 2-Acyl Imidazoles. Journal of the American Chemical Society, 2022, 144, 6964-6971.	6.6	48
3	Deracemization of Chiral-at-Ruthenium Catalyst by Diastereoselective Dynamic Resolution. Organometallics, 2022, 41, 52-59.	1.1	1
4	Ruthenium Pybox-Catalyzed Enantioselective Intramolecular Câ€“H Amination of Sulfamoyl Azides en Route to Chiral Vicinal Diamines. Journal of Organic Chemistry, 2021, 86, 750-761.	1.7	12
5	Efficient Amination of Activated and Nonâ€Activated C(sp³)â^'H Bonds with a Simple Ironâ€“Phenanthroline Catalyst. Angewandte Chemie - International Edition, 2021, 60, 6314-6319.	7.2	30
6	Efficient Amination of Activated and Nonâ€Activated C(sp³)â^'H Bonds with a Simple Ironâ€“Phenanthroline Catalyst. Angewandte Chemie, 2021, 133, 6384-6389.	1.6	1
7	Bis-Cyclometalated Indazole and Benzimidazole Chiral-at-Iridium Complexes: Synthesis and Asymmetric Catalysis. Molecules, 2021, 26, 1822.	1.7	8
8	Chiral-at-Ruthenium Catalysts with Mixed Normal and Abnormal N-Heterocyclic Carbene Ligands. Organometallics, 2021, 40, 1148-1155.	1.1	6
9	Chiralâ€atâ€Iron Catalyst for Highly Enantioselective and Diastereoselective Heteroâ€Dielsâ€Alder Reaction. Chemistry - A European Journal, 2021, 27, 8557-8563.	1.7	19
10	Stereogenic-at-Iron Catalysts with a Chiral Tripodal Pentadentate Ligand. ACS Catalysis, 2021, 11, 7467-7476.	5.5	9
11	Catalytic Î±-Deracemization of Ketones Enabled by Photoredox Deprotonation and Enantioselective Protonation. Journal of the American Chemical Society, 2021, 143, 13393-13400.	6.6	65
12	Enantioselective Î±-Fluorination and Î±-Chlorination of N-Acyl Pyrazoles Catalyzed by a Non-C₂-Symmetric Chiral-at-Rhodium Catalyst. ACS Catalysis, 2021, 11, 11396-11406.	5.5	13
13	Catalytic Enantioselective Oxidative Homocoupling of 2â€Acyl Imidazoles. Advanced Synthesis and Catalysis, 2021, 363, 4695-4700.	2.1	6
14	Understanding the mechanism of direct visible-light-activated [2 + 2] cycloadditions mediated by Rh and Ir photocatalysts: combined computational and spectroscopic studies. Chemical Science, 2021, 12, 9673-9681.	3.7	16
15	Catalytic enantioselective synthesis of Î²-amino alcohols by nitrene insertion. Science China Chemistry, 2021, 64, 452-458.	4.2	20
16	Directed Evolution of an Fe^{II}-Dependent Halogenase for Asymmetric C(sp³)â€“H Chlorination. ACS Catalysis, 2020, 10, 1272-1277.	5.5	38
17	Atroposelective Synthesis of Axially Chiral Nâ€Arylpyrroles by Chiralâ€atâ€Rhodium Catalysis. Angewandte Chemie, 2020, 132, 13654-13658.	1.6	22
18	Intramolecular C(sp³)â€“H Bond Oxygenation by Transitionâ€Metal Acylnitrenoids. Angewandte Chemie, 2020, 132, 21890-21894.	1.6	5

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19	Intramolecular C(sp³)â€“H Bond Oxygenation by Transitionâ€Metal Acylnitrenoids. Angewandte Chemie - International Edition, 2020, 59, 21706-21710.	7.2	26
20	Asymmetric Ring-Closing Aminooxygenation of Alkenes en Route to 2-Amino-1,3-Diols with Vicinal Stereocenters. Organic Letters, 2020, 22, 6653-6656.	2.4	30
21	Ruthenacarboraneâ€“Phenanthroline Derivatives as Potential Metallodrugs. Molecules, 2020, 25, 2322.	1.7	5
22	ErgÃnzung von Pyridinâ€2,6â€bisoxazolin mit einem cyclometallierten Nâ€heterocyclischen Carben fÃ¼r die asymmetrische Ruâ€Katalyse. Angewandte Chemie, 2020, 132, 12491-12495.	1.6	2
23	Complementing Pyridineâ€2,6â€bis(oxazoline) with Cyclometalated Nâ€Heterocyclic Carbene for Asymmetric Ruthenium Catalysis. Angewandte Chemie - International Edition, 2020, 59, 12392-12395.	7.2	26
24	Atroposelective Synthesis of Axially Chiral Nâ€Arylpyrroles by Chiralâ€atâ€Rhodium Catalysis. Angewandte Chemie - International Edition, 2020, 59, 13552-13556.	7.2	66
25	Asymmetric catalysis with a chiral-at-osmium complex. Chemical Communications, 2020, 56, 7714-7717.	2.2	26
26	Enantioselective Ring-Closing Câ€“H Amination of Urea Derivatives. CheM, 2020, 6, 2024-2034.	5.8	48
27	Asymmetric Synthesis of 1,4â€Dicarbonyl Compounds from Aldehydes by Hydrogen Atom Transfer Photocatalysis and Chiral Lewis Acid Catalysis. Angewandte Chemie - International Edition, 2019, 58, 16859-16863.	7.2	96
28	Asymmetric Photocatalysis by Intramolecular Hydrogenâ€Atom Transfer in Photoexcited Catalystâ€“Substrate Complex. Angewandte Chemie, 2019, 131, 14604-14608.	1.6	9
29	Asymmetric Synthesis of 1,4â€Dicarbonyl Compounds from Aldehydes by Hydrogen Atom Transfer Photocatalysis and Chiral Lewis Acid Catalysis. Angewandte Chemie, 2019, 131, 17015-17019.	1.6	17
30	Bisâ€Cyclometalated Indazole Chiralâ€atâ€Rhodium Catalyst for Asymmetric Photoredox Cyanoalkylations. Chemistry - A European Journal, 2019, 25, 15333-15340.	1.7	31
31	Asymmetric Photocatalysis by Intramolecular Hydrogenâ€Atom Transfer in Photoexcited Catalystâ€“Substrate Complex. Angewandte Chemie - International Edition, 2019, 58, 14462-14466.	7.2	33
32	Chiral Bis(oxazoline) Ligands as C2-Symmetric Chiral Auxiliaries for the Synthesis of Enantiomerically Pure Bis-Cyclometalated Rhodium(III) Complexes. Organometallics, 2019, 38, 3852-3859.	1.1	10
33	Enantioconvergent photoredox radical-radical coupling catalyzed by a chiral-at-rhodium complex. Science China Chemistry, 2019, 62, 1512-1518.	4.2	20
34	Enantioselective intramolecular Câ€“H amination of aliphatic azides by dual ruthenium and phosphine catalysis. Chemical Science, 2019, 10, 3202-3207.	3.7	61
35	Chiral-at-Rhodium Catalyst Containing Two Different Cyclometalating Ligands. Organometallics, 2019, 38, 3948-3954.	1.1	10
36	Asymmetric Photocatalysis with Bis-cyclometalated Rhodium Complexes. Accounts of Chemical Research, 2019, 52, 833-847.	7.6	198

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37	Chiral-at-Iron Catalyst: Expanding the Chemical Space for Asymmetric Earth-Abundant Metal Catalysis. Journal of the American Chemical Society, 2019, 141, 4569-4572.	6.6	53
38	Non-C₂-Symmetric Chiral-at-Ruthenium Catalyst for Highly Efficient Enantioselective Intramolecular C(sp³)â€“H Amidation. Journal of the American Chemical Society, 2019, 141, 19048-19057.	6.6	102
39	Catalytic Enantioselective Intramolecular C(sp³)â^'H Amination of 2â€Azidoacetamides. Angewandte Chemie, 2019, 131, 1100-1105.	1.6	20
40	Chiralâ€atâ€Ruthenium Catalyst with Sterically Demanding Furo[3,2â€b]pyridine Ligands. European Journal of Inorganic Chemistry, 2019, 2019, 195-198.	1.0	6
41	Electricity-driven asymmetric Lewis acid catalysis. Nature Catalysis, 2019, 2, 34-40.	16.1	122
42	Catalytic Enantioselective Intramolecular C(sp³)â^'H Amination of 2â€Azidoacetamides. Angewandte Chemie - International Edition, 2019, 58, 1088-1093.	7.2	76
43	Kinetic Resolution of Epoxides with CO 2 Catalyzed by a Chiralâ€atâ€Iridium Complex. ChemSusChem, 2019, 12, 320-325.	3.6	33
44	Preparation of chiral-at-metal catalysts and their use in asymmetric photoredox chemistry. Nature Protocols, 2018, 13, 605-632.	5.5	74
45	Catalytic Asymmetric Dearomatization by Visibleâ€Lightâ€Activated [2+2] Photocycloaddition. Angewandte Chemie, 2018, 130, 6350-6354.	1.6	40
46	Catalytic Asymmetric Dearomatization by Visibleâ€Lightâ€Activated [2+2] Photocycloaddition. Angewandte Chemie - International Edition, 2018, 57, 6242-6246.	7.2	153
47	Asymmetric Nazarov Cyclizations Catalyzed by Chiralâ€atâ€Metal Complexes. Advanced Synthesis and Catalysis, 2018, 360, 2093-2100.	2.1	37
48	Oneâ€Pot Sequential Photoredox Chemistry and Asymmetric Transfer Hydrogenation with a Single Catalyst. European Journal of Organic Chemistry, 2018, 2018, 571-577.	1.2	18
49	Catalytic Enantioselective Synthesis of Key Propargylic Alcohol Intermediates of the Anti-HIV Drug Efavirenz. Organic Process Research and Development, 2018, 22, 103-107.	1.3	20
50	Synthesis of Î²â€Substituted Î³â€Aminobutyric Acid Derivatives through Enantioselective Photoredox Catalysis. Angewandte Chemie - International Edition, 2018, 57, 11193-11197.	7.2	87
51	Asymmetric [3+2] Photocycloadditions of Cyclopropanes with Alkenes or Alkynes through Visibleâ€Light Excitation of Catalystâ€Bound Substrates. Angewandte Chemie, 2018, 130, 5552-5556.	1.6	24
52	Asymmetric [3+2] Photocycloadditions of Cyclopropanes with Alkenes or Alkynes through Visibleâ€Light Excitation of Catalystâ€Bound Substrates. Angewandte Chemie - International Edition, 2018, 57, 5454-5458.	7.2	110
53	Arylketone Ï€-Conjugation Controls Enantioselectivity in Asymmetric Alkynylations Catalyzed by Centrochiral Ruthenium Complexes. Journal of the American Chemical Society, 2018, 140, 5146-5152.	6.6	26
54	Sequential asymmetric hydrogenation and photoredox chemistry with a single catalyst. Organic Chemistry Frontiers, 2018, 5, 166-170.	2.3	24

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55	Catalytic Asymmetric Synthesis of Fluoroalkylâ€Containing Compounds by Threeâ€Component Photoredox Chemistry. Chemistry - A European Journal, 2018, 24, 259-265.	1.7	48
56	A Chiralâ€atâ€Metal Iridium Catalyst with Two Simple but Sterically Demanding Cyclometalated Nâ€Heterocyclic Carbene Ligands. European Journal of Inorganic Chemistry, 2018, 2018, 2500-2504.	1.0	8
57	Synthesis of Î²â€Substituted Î³â€Aminobutyric Acid Derivatives through Enantioselective Photoredox Catalysis. Angewandte Chemie, 2018, 130, 11363-11367.	1.6	60
58	Visible-Light-Activated Catalytic Enantioselective Î²-Alkylation of Î±,Î²-Unsaturated 2-Acyl Imidazoles Using Hantzsch Esters as Radical Reservoirs. Journal of Organic Chemistry, 2018, 83, 10922-10932.	1.7	60
59	Steering Asymmetric Lewis Acid Catalysis Exclusively with Octahedral Metal-Centered Chirality. Accounts of Chemical Research, 2017, 50, 320-330.	7.6	256
60	Polymer-Supported Chiral-at-Metal Lewis Acid Catalysts. Organometallics, 2017, 36, 1457-1460.	1.1	36
61	Chemical Activation in Blood Serum and Human Cell Culture: Improved Ruthenium Complex for Catalytic Uncaging of Allocâ€Protected Amines. ChemBioChem, 2017, 18, 1083-1086.	1.3	76
62	Enantioselective catalytic Î²-amination through proton-coupled electron transfer followed by stereocontrolled radicalâ€“radical coupling. Chemical Science, 2017, 8, 5757-5763.	3.7	77
63	Asymmetric Nucleophilic Catalysis with an Octahedral Chiral-at-Metal Iridium(III) Complex. ACS Catalysis, 2017, 7, 5151-5162.	5.5	43
64	Direct Visible-Light-Excited Asymmetric Lewis Acid Catalysis of Intermolecular [2+2] Photocycloadditions. Journal of the American Chemical Society, 2017, 139, 9120-9123.	6.6	203
65	Asymmetric Construction of 3,3-Disubstituted Oxindoles Bearing Vicinal Quaternaryâ€“Tertiary Carbon Stereocenters Catalyzed by a Chiral-at-Rhodium Complex. Journal of Organic Chemistry, 2017, 82, 6457-6467.	1.7	24
66	Suzuki Crossâ€Coupling for Postâ€Complexation Derivatization of Nonâ€Racemic Bisâ€Cyclometalated Iridium(III) Complexes. Chemistry - A European Journal, 2017, 23, 12363-12371.	1.7	6
67	Understanding Rate Acceleration and Stereoinduction of an Asymmetric Giese Reaction Mediated by a Chiral Rhodium Catalyst. Journal of the American Chemical Society, 2017, 139, 8062-8065.	6.6	41
68	Octahedral Ruthenium Complex with Exclusive Metal-Centered Chirality for Highly Effective Asymmetric Catalysis. Journal of the American Chemical Society, 2017, 139, 4322-4325.	6.6	103
69	Threeâ€Component Asymmetric Mannich Reaction Catalyzed by a Lewis Acid with Rhodiumâ€Centered Chirality. Chemistry - an Asian Journal, 2017, 12, 963-967.	1.7	29
70	Exploiting Octahedral Stereocenters: From Enzyme Inhibition to Asymmetric Photoredox Catalysis. Angewandte Chemie - International Edition, 2017, 56, 5668-5675.	7.2	58
71	Enantioselective 2-Alkylation of 3-Substituted Indoles with Dual Chiral Lewis Acid/Hydrogen-Bond-Mediated Catalyst. Organic Letters, 2017, 19, 222-225.	2.4	27
72	Combining the catalytic enantioselective reaction of visible-light-generated radicals with a by-product utilization system. Chemical Science, 2017, 8, 7126-7131.	3.7	67

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73	Asymmetric alkylation of remote C(sp³)â€“H bonds by combining proton-coupled electron transfer with chiral Lewis acid catalysis. Chemical Communications, 2017, 53, 8964-8967.	2.2	106
74	Enantioselective Alkynylation of Aromatic Aldehydes Catalyzed by a Sterically Highly Demanding Chiral-at-Rhodium Lewis Acid. Journal of Organic Chemistry, 2017, 82, 8995-9005.	1.7	19
75	Ausnutzung oktaedrischer Stereozentren: von Enzymhemmung bis hin zu asymmetrischer Photoredoxkatalyse. Angewandte Chemie, 2017, 129, 5760-5768.	1.6	10
76	Stereogenicâ€Onlyâ€atâ€Metal Asymmetric Catalysts. Chemistry - an Asian Journal, 2017, 12, 2335-2342.	1.7	101
77	Origins of Enantioselectivity in Asymmetric Radical Additions to Octahedral Chiral-at-Rhodium Enolates: A Computational Study. Journal of the American Chemical Society, 2017, 139, 17902-17907.	6.6	58
78	Visible-Light-Activated Asymmetric Î²-Câ€“H Functionalization of Acceptor-Substituted Ketones with 1,2-Dicarbonyl Compounds. Journal of the American Chemical Society, 2017, 139, 17245-17248.	6.6	85
79	An N-heterocyclic carbene iridium catalyst with metal-centered chirality for enantioselective transfer hydrogenation of imines. Chemical Communications, 2017, 53, 8089-8092.	2.2	35
80	Catalytic asymmetric synthesis of a nitrogen heterocycle through stereocontrolled direct photoreaction from electronically excited state. Nature Communications, 2017, 8, 2245.	5.8	82
81	Proline and Î±â€Methylproline as Chiral Auxiliaries for the Synthesis of Enantiopure Bisâ€Cyclometalated Iridium(III) Complexes. European Journal of Inorganic Chemistry, 2016, 2016, 2896-2901.	1.0	18
82	Enantioselective Alkynylation of 2â€Trifluoroacetyl Imidazoles Catalyzed by Bisâ€Cyclometalated Rhodium(III) Complexes Containing Pineneâ€Derived Ligands. Chemistry - A European Journal, 2016, 22, 11977-11981.	1.7	34
83	Asymmetric dual catalysis via fragmentation of a single rhodium precursor complex. Chemical Communications, 2016, 52, 7699-7702.	2.2	35
84	Catalytic, Enantioselective Addition of Alkyl Radicals to Alkenes via Visible-Light-Activated Photoredox Catalysis with a Chiral Rhodium Complex. Journal of the American Chemical Society, 2016, 138, 6936-6939.	6.6	205
85	Expanding the family of bis-cyclometalated chiral-at-metal rhodium(iii) catalysts with a benzothiazole derivative. Dalton Transactions, 2016, 45, 8320-8323.	1.6	80
86	Catalytic Asymmetric Câˆ’H Functionalization under Photoredox Conditions by Radical Translocation and Stereocontrolled Alkene Addition. Angewandte Chemie, 2016, 128, 13693-13696.	1.6	91
87	Restricted Conformation of a Hydrogen Bond Mediated Catalyst Enables the Highly Efficient Enantioselective Construction of an All-Carbon Quaternary Stereocenter. ACS Catalysis, 2016, 6, 7641-7646.	5.5	44
88	Catalytic Asymmetric Câˆ’H Functionalization under Photoredox Conditions by Radical Translocation and Stereocontrolled Alkene Addition. Angewandte Chemie - International Edition, 2016, 55, 13495-13498.	7.2	231
89	Asymmetric Catalysis with Organic Azides and Diazo Compounds Initiated by Photoinduced Electron Transfer. Journal of the American Chemical Society, 2016, 138, 12636-12642.	6.6	160
90	Enantioselective Î²-alkylation of pyrroles with the formation of an all-carbon quaternary stereocenter. Organic Chemistry Frontiers, 2016, 3, 1319-1325.	2.3	21

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91	Enantioselective rhodium/ruthenium photoredox catalysis en route to chiral 1,2-aminoalcohols. Chemical Communications, 2016, 52, 10183-10186.	2.2	66
92	Metalâ€Templated Asymmetric Catalysis: (Z)â€1â€Bromoâ€1â€Nitrostyrenes as Versatile Substrates for Friedelâ€“Crafts Alkylation of Indoles. Asian Journal of Organic Chemistry, 2016, 5, 1198-1203.	1.3	19
93	Progress in the Synthesis and Bioactivity of Hexacoordinate Silicon(IV) Complexes. European Journal of Inorganic Chemistry, 2016, 2016, 5161-5170.	1.0	12
94	A Rhodium Catalyst Superior to Iridium Congeners for Enantioselective Radical Amination Activated by Visible Light. Chemistry - A European Journal, 2016, 22, 9102-9105.	1.7	75
95	Asymmetric Radicalâ€“Radical Crossâ€Coupling through Visibleâ€Lightâ€Activated Iridium Catalysis. Angewandte Chemie - International Edition, 2016, 55, 685-688.	7.2	218
96	Metal-Templated Design: Enantioselective Hydrogen-Bond-Driven Catalysis Requiring Only Parts-per-Million Catalyst Loading. Journal of the American Chemical Society, 2016, 138, 8774-8780.	6.6	71
97	Tuning the Basicity of a Metalâ€Templated BrÃ¸nsted Base to Facilitate the Enantioselective Sulfaâ€Michael Addition of Aliphatic Thiols to Î±,Î²â€Unsaturated Nâ€Acylpyrazoles. European Journal of Organic Chemistry, 2016, 2016, 887-890.	1.2	33
98	Visible-Light-Activated Enantioselective Perfluoroalkylation with a Chiral Iridium Photoredox Catalyst. Synlett, 2016, 27, 749-753.	1.0	43
99	Chiral-at-metal iridium complex for efficient enantioselective transfer hydrogenation of ketones. Chemical Communications, 2016, 52, 4207-4210.	2.2	57
100	PIM kinases as therapeutic targets against advanced melanoma. Oncotarget, 2016, 7, 54897-54912.	0.8	16
101	Probing Chiral Recognition of Enzyme Active Sites with Octahedral Iridium(III) Propeller Complexes. European Journal of Inorganic Chemistry, 2015, 2015, 1654-1659.	1.0	20
102	Asymmetric Synthesis of Hydrocarbazoles Catalyzed by an Octahedral Chiralâ€atâ€Rhodium Lewis Acid. Chemistry - an Asian Journal, 2015, 10, 2738-2743.	1.7	29
103	Bioorthogonal Enzymatic Activation of Caged Compounds. Angewandte Chemie - International Edition, 2015, 54, 13440-13443.	7.2	41
104	Enantioselective Sulfaâ€Michael Addition to Î±,Î²â€Unsaturated Î³â€Oxoesters Catalyzed by a Metalâ€Templated Chiral BrÃ¸nsted Base. Asian Journal of Organic Chemistry, 2015, 4, 434-437.	1.3	26
105	Octahedral rhodium(III) complexes as kinase inhibitors: Control of the relative stereochemistry with acyclic tridentate ligands. Journal of Inorganic Biochemistry, 2015, 148, 11-21.	1.5	26
106	Transition-metal-mediated uncaging in living human cells â€” an emerging alternative to photolabile protecting groups. Current Opinion in Chemical Biology, 2015, 25, 48-54.	2.8	106
107	Asymmetric catalysis activated by visible light. Chemical Communications, 2015, 51, 3290-3301.	2.2	325
108	Asymmetric aza-Henry reaction to provide oxindoles with quaternary carbon stereocenter catalyzed by a metal-templated chiral BrÃ¸nsted base. Organic Chemistry Frontiers, 2015, 2, 968-972.	2.3	50

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109	Correlation between the Stereochemistry and Bioactivity in Octahedral Rhodium Prolinato Complexes. Inorganic Chemistry, 2015, 54, 8111-8120.	1.9	14
110	Enantioselective, Catalytic Trichloromethylation through Visible-Light-Activated Photoredox Catalysis with a Chiral Iridium Complex. Journal of the American Chemical Society, 2015, 137, 9551-9554.	6.6	162
111	Asymmetric Friedelâ€“Crafts alkylation of indoles with 2-nitro-3-arylacrylates catalyzed by a metal-templated hydrogen bonding catalyst. Tetrahedron Letters, 2015, 56, 4653-4656.	0.7	46
112	Merger of Visible Light Induced Oxidation and Enantioselective Alkylation with a Chiral Iridium Catalyst. Chemistry - A European Journal, 2015, 21, 7355-7359.	1.7	78
113	Asymmetric Lewis acid catalysis directed by octahedral rhodium centrochirality. Chemical Science, 2015, 6, 1094-1100.	3.7	148
114	Octahedral Chiralâ€¤tâ€Metal Iridium Catalysts: Versatile Chiral Lewis Acids for Asymmetric Conjugate Additions. Chemistry - A European Journal, 2015, 21, 9720-9726.	1.7	66
115	Aerobic Asymmetric Dehydrogenative Crossâ€Coupling between Two Cï£¿H Groups Catalyzed by a Chiralâ€¤tâ€Metal Rhodium Complex. Angewandte Chemie - International Edition, 2015, 54, 13045-13048.	7.2	135
116	Development of Organometallic S6K1 Inhibitors. Journal of Medicinal Chemistry, 2015, 58, 305-314.	2.9	20
117	Abstract 687: Compound screen identifies PIM kinases as therapeutic targets for melanoma. , 2015, , .		0
118	Rhenium Complexes with Redâ€Lightâ€Induced Anticancer Activity. European Journal of Inorganic Chemistry, 2014, 2014, 807-811.	1.0	63
119	Asymmetric Catalysis with Substitutionally Labile yet Stereochemically Stable Chiral-at-Metal Iridium(III) Complex. Journal of the American Chemical Society, 2014, 136, 2990-2993.	6.6	161
120	An Organometallic Inhibitor for the Human Repair Enzyme 7,8â€Dihydroâ€8â€oxoguanosine Triphosphatase. Angewandte Chemie - International Edition, 2014, 53, 305-309.	7.2	60
121	Asymmetric photoredox transition-metal catalysis activated by visible light. Nature, 2014, 515, 100-103.	13.7	527
122	Synthesis and anticancer activity of ruthenium half-sandwich complexes comprising combined metal centrochirality and planar chirality. Inorganica Chimica Acta, 2014, 423, 530-539.	1.2	9
123	Progress towards Bioorthogonal Catalysis with Organometallic Compounds. Angewandte Chemie - International Edition, 2014, 53, 10536-10540.	7.2	231
124	Metal-templated chiral BrÃ¸nsted base organocatalysis. Nature Communications, 2014, 5, 4531.	5.8	65
125	Novel metal-coordinated 1,10-phenanthroline ligands functionalized with a lactam or imide. Inorganica Chimica Acta, 2014, 421, 489-495.	1.2	1
126	Asymmetric Catalysis Mediated by the Ligand Sphere of Octahedral Chiralâ€¤tâ€Metal Complexes. Angewandte Chemie - International Edition, 2014, 53, 10868-10874.	7.2	137

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127	Synthesis and Functionalization of Hexacoordinate (Arenediolato)bis(polypyridyl)silicon(IV) Complexes. European Journal of Inorganic Chemistry, 2014, 2014, 2924-2933.	1.0	5
128	Metal-templated enantioselective enamine/H-bonding dual activation catalysis. Chemical Communications, 2014, 50, 10409.	2.2	54
129	Metal complexes as structural templates for targeting proteins. Current Opinion in Chemical Biology, 2014, 19, 76-81.	2.8	106
130	DNA Mismatch Recognition by a Hexacoordinate Silicon Sandwichâ€“Ruthenium Hybrid Complex. Organometallics, 2014, 33, 3219-3222.	1.1	13
131	Nonfitting proteinâ€“ligand interaction scoring function based on firstâ€principles theoretical chemistry methods: Development and application on kinase inhibitors. Journal of Computational Chemistry, 2013, 34, 1636-1646.	1.5	37
132	Method for the Preparation of Nonracemic Bis-Cyclometalated Iridium(III) Complexes. European Journal of Inorganic Chemistry, 2013, 2013, 4164-4172.	1.0	58
133	Strainâ€Promoted Azideâ€“Alkyne Cycloaddition with Ruthenium(II)â€“Azido Complexes. Chemistry - A European Journal, 2013, 19, 16682-16689.	1.7	39
134	Rhenium Complexes with Visibleâ€Lightâ€Induced Anticancer Activity. ChemMedChem, 2013, 8, 924-927.	1.6	74
135	Reductive Labilization of a Cyclometalating Ligand Applied to Auxiliary-Mediated Asymmetric Coordination Chemistry. Organometallics, 2013, 32, 5103-5113.	1.1	4
136	Continuous synthesis of pyridocarbazoles and initial photophysical and bioprobe characterization. Chemical Science, 2013, 4, 4067.	3.7	14
137	Thioether-based anchimeric assistance for asymmetric coordination chemistry with ruthenium(ii) and osmium(ii). Dalton Transactions, 2013, 42, 5623.	1.6	8
138	Metal complex catalysis in living biological systems. Chemical Communications, 2013, 49, 1581-1587.	2.2	194
139	Chiral-Auxiliary-Mediated Asymmetric Synthesis of Ruthenium Polypyridyl Complexes. Accounts of Chemical Research, 2013, 46, 2635-2644.	7.6	86
140	Asymmetric Catalysis with an Inert Chiral-at-Metal Iridium Complex. Journal of the American Chemical Society, 2013, 135, 10598-10601.	6.6	145
141	Chiral Enol Oxazolines and Thiazolines as Auxiliary Ligands for the Asymmetric Synthesis of Rutheniumâ€Polypyridyl Complexes. Chemistry - an Asian Journal, 2013, 8, 2274-2280.	1.7	6
142	Nonâ€ATPâ€Mimetic Organometallic Protein Kinase Inhibitor. ChemistryOpen, 2013, 2, 180-185.	0.9	12
143	Chiralâ€atâ€Metal Octahedral Iridium Catalyst for the Asymmetric Construction of an Allâ€Carbon Quaternary Stereocenter. Angewandte Chemie - International Edition, 2013, 52, 14021-14025.	7.2	107
144	Cyclometalated phenylquinoline rhodium complexes as protein kinase inhibitors. Inorganica Chimica Acta, 2012, 393, 261-268.	1.2	23

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