Eric Meggers

List of Publications by Year
in descending order

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232 papers	17,188 citations	9786 73 h-index	18647 119 g-index
281 all docs	281 docs citations	281 times ranked	10564 citing authors

#	Article	IF	Citations
1	Sequence Dependent Long Range Hole Transport in DNA. Journal of the American Chemical Society, 1998, 120, 12950-12955.	13.7	645
2	Asymmetric photoredox transition-metal catalysis activated by visible light. Nature, 2014, 515, 100-103.	27.8	527
3	Targeting proteins with metal complexes. Chemical Communications, 2009, , 1001.	4.1	394
4	A Novel Copper-Mediated DNA Base Pair. Journal of the American Chemical Society, 2000, 122, 10714-10715.	13.7	338
5	Asymmetric catalysis activated by visible light. Chemical Communications, 2015, 51, 3290-3301.	4.1	325
6	A Simple Glycol Nucleic Acid. Journal of the American Chemical Society, 2005, 127, 4174-4175.	13.7	276
7	Exploring biologically relevant chemical space with metal complexes. Current Opinion in Chemical Biology, 2007, 11, 287-292.	6.1	257
8	Steering Asymmetric Lewis Acid Catalysis Exclusively with Octahedral Metal-Centered Chirality. Accounts of Chemical Research, 2017, 50, 320-330.	15.6	256
9	Structure of a Copper-Mediated Base Pair in DNA. Journal of the American Chemical Society, 2001, 123, 12364-12367.	13.7	243
10	Ruthenium-Induced Allylcarbamate Cleavage in Living Cells. Angewandte Chemie - International Edition, 2006, 45, 5645-5648.	13.8	237
11	Progress towards Bioorthogonal Catalysis with Organometallic Compounds. Angewandte Chemie - International Edition, 2014, 53, 10536-10540.	13.8	231
12	Catalytic Asymmetric Câˆ’H Functionalization under Photoredox Conditions by Radical Translocation and Stereocontrolled Alkene Addition. Angewandte Chemie - International Edition, 2016, 55, 13495-13498.	13.8	231
13	On the Mechanism of Long-Range Electron Transfer through DNA. Angewandte Chemie - International Edition, 1999, 38, 996-998.	13.8	225
14	An Organometallic Protein Kinase Inhibitor Pharmacologically Activates p53 and Induces Apoptosis in Human Melanoma Cells. Cancer Research, 2007, 67, 209-217.	0.9	224
15	Ruthenium Half-Sandwich Complexes Bound to Protein Kinase Pim-1. Angewandte Chemie - International Edition, 2006, 45, 1580-1585.	13.8	222
16	Structurally Sophisticated Octahedral Metal Complexes as Highly Selective Protein Kinase Inhibitors. Journal of the American Chemical Society, 2011, 133, 5976-5986.	13.7	218
17	Asymmetric Radicalâ€“Radical Crossâ€Coupling through Visibleâ€Lightâ€Activated Iridium Catalysis. Angewandte Chemie - International Edition, 2016, 55, 685-688.	13.8	218
18	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.	13.7	205

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19	Direct Visible-Light-Excited Asymmetric Lewis Acid Catalysis of Intermolecular [2+2] Photocycloadditions. Journal of the American Chemical Society, 2017, 139, 9120-9123.	13.7	203
20	Asymmetric Photocatalysis with Bis-cyclometalated Rhodium Complexes. Accounts of Chemical Research, 2019, 52, 833-847.	15.6	198
21	Metal complex catalysis in living biological systems. Chemical Communications, 2013, 49, 1581-1587.	4.1	194
22	Targeting Large Kinase Active Site with Rigid, Bulky Octahedral Ruthenium Complexes. Journal of the American Chemical Society, 2008, 130, 15764-15765.	13.7	193
23	Electron Transfer through DNA in the Course of Radical-Induced Strand Cleavage. Angewandte Chemie - International Edition, 1998, 37, 460-462.	13.8	169
24	Enantioselective, Catalytic Trichloromethylation through Visible-Light-Activated Photoredox Catalysis with a Chiral Iridium Complex. Journal of the American Chemical Society, 2015, 137, 9551-9554.	13.7	162
25	Asymmetric Catalysis with Substitutionally Labile yet Stereochemically Stable Chiral-at-Metal Iridium(III) Complex. Journal of the American Chemical Society, 2014, 136, 2990-2993.	13.7	161
26	Asymmetric Catalysis with Organic Azides and Diazo Compounds Initiated by Photoinduced Electron Transfer. Journal of the American Chemical Society, 2016, 138, 12636-12642.	13.7	160
27	Iridium Complex with Antiangiogenic Properties. Angewandte Chemie - International Edition, 2010, 49, 3839-3842.	13.8	155
28	Catalytic Asymmetric Dearomatization by Visibleâ€Lightâ€Activated [2+2] Photocycloaddition. Angewandte Chemie - International Edition, 2018, 57, 6242-6246.	13.8	153
29	A Novel Silver(I)-Mediated DNA Base Pair. Journal of the American Chemical Society, 2002, 124, 13684-13685.	13.7	150
30	From Conventional to Unusual Enzyme Inhibitor Scaffolds: The Quest for Target Specificity. Angewandte Chemie - International Edition, 2011, 50, 2442-2448.	13.8	149
31	Asymmetric Lewis acid catalysis directed by octahedral rhodium centrochirality. Chemical Science, 2015, 6, 1094-1100.	7.4	148
32	Asymmetric Catalysis with an Inert Chiral-at-Metal Iridium Complex. Journal of the American Chemical Society, 2013, 135, 10598-10601.	13.7	145
33	Rapid Access to Unexplored Chemical Space by Ligand Scanning around a Ruthenium Center:Â Discovery of Potent and Selective Protein Kinase Inhibitors. Journal of the American Chemical Society, 2006, 128, 877-884.	13.7	144
34	Asymmetric Catalysis Mediated by the Ligand Sphere of Octahedral Chiralâ€atâ€Metal Complexes. Angewandte Chemie - International Edition, 2014, 53, 10868-10874.	13.8	137
35	Aerobic Asymmetric Dehydrogenative Crossâ€Coupling between Two Cï£¿H Groups Catalyzed by a Chiralâ€atâ€Metal Rhodium Complex. Angewandte Chemie - International Edition, 2015, 54, 13045-13048.	13.8	135
36	Exploring Chemical Space with Organometallics: Ruthenium Complexes as Protein Kinase Inhibitors. Synlett, 2007, 2007, 1177-1189.	1.8	133

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37	An Organometallic Inhibitor for Glycogen Synthase Kinase 3. Journal of the American Chemical Society, 2004, 126, 13594-13595.	13.7	129
38	An Extremely Stable and Orthogonal DNA Base Pair with a Simplified Three-Carbon Backbone. Journal of the American Chemical Society, 2005, 127, 74-75.	13.7	129
39	Electricity-driven asymmetric Lewis acid catalysis. Nature Catalysis, 2019, 2, 34-40.	34.4	122
40	Duplex Structure of a Minimal Nucleic Acid. Journal of the American Chemical Society, 2008, 130, 8158-8159.	13.7	116
41	Catalytic Azide Reduction in Biological Environments. ChemBioChem, 2012, 13, 1116-1120.	2.6	113
42	Organometallic Compounds with Biological Activity: A Very Selective and Highly Potent Cellular Inhibitor for Glycogen Synthase Kinase 3. ChemBioChem, 2006, 7, 1443-1450.	2.6	110
43	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.	13.8	110
44	PIM1 kinase as a target for cancer therapy. Expert Opinion on Investigational Drugs, 2012, 21, 425-436.	4.1	108
45	Chiralâ€atâ€Metal Octahedral Iridium Catalyst for the Asymmetric Construction of an Allâ€Carbon Quaternary Stereocenter. Angewandte Chemie - International Edition, 2013, 52, 14021-14025.	13.8	107
46	Metal complexes as structural templates for targeting proteins. Current Opinion in Chemical Biology, 2014, 19, 76-81.	6.1	106
47	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.	6.1	106
48	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.	4.1	106
49	Asymmetric Synthesis of Octahedral Coordination Complexes. European Journal of Inorganic Chemistry, 2011, 2011, 2911-2926.	2.0	103
50	Dual anticancer activity in a single compound: visible-light-induced apoptosis by an antiangiogenic iridium complex. Chemical Communications, 2012, 48, 1863-1865.	4.1	103
51	Octahedral Ruthenium Complex with Exclusive Metal-Centered Chirality for Highly Effective Asymmetric Catalysis. Journal of the American Chemical Society, 2017, 139, 4322-4325.	13.7	103
52	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.	13.7	102
53	Stereogenicâ€Onlyâ€atâ€Metal Asymmetric Catalysts. Chemistry - an Asian Journal, 2017, 12, 2335-2342.	3.3	101
54	Chiral Auxiliaries as Emerging Tools for the Asymmetric Synthesis of Octahedral Metal Complexes. Chemistry - A European Journal, 2010, 16, 752-758.	3.3	100

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55	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.	13.8	96
56	Catalytic Asymmetric Câ^'H Functionalization under Photoredox Conditions by Radical Translocation and Stereocontrolled Alkene Addition. Angewandte Chemie, 2016, 128, 13693-13696.	2.0	91
57	The Art of Filling Protein Pockets Efficiently with Octahedral Metal Complexes. Angewandte Chemie - International Edition, 2012, 51, 5244-5246.	13.8	88
58	Synthesis of Î²â€Substituted Î³â€Aminobutyric Acid Derivatives through Enantioselective Photoredox Catalysis. Angewandte Chemie - International Edition, 2018, 57, 11193-11197.	13.8	87
59	Chiral-Auxiliary-Mediated Asymmetric Synthesis of Ruthenium Polypyridyl Complexes. Accounts of Chemical Research, 2013, 46, 2635-2644.	15.6	86
60	Similar Biological Activities of Two Isostructural Ruthenium and Osmium Complexes. Chemistry - A European Journal, 2008, 14, 4816-4822.	3.3	85
61	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.	13.7	85
62	Progress Toward an Expanded Eukaryotic Genetic Code. Chemistry and Biology, 2003, 10, 511-519.	6.0	83
63	Switching on a Signaling Pathway with an Organoruthenium Complex. Angewandte Chemie - International Edition, 2005, 44, 1984-1987.	13.8	82
64	Ruthenium half-sandwich complexes as protein kinase inhibitors: derivatization of the pyridocarbazole pharmacophore ligand. Organic and Biomolecular Chemistry, 2007, 5, 1218.	2.8	82
65	Catalytic asymmetric synthesis of a nitrogen heterocycle through stereocontrolled direct photoreaction from electronically excited state. Nature Communications, 2017, 8, 2245.	12.8	82
66	Expanding the family of bis-cyclometalated chiral-at-metal rhodium(iii) catalysts with a benzothiazole derivative. Dalton Transactions, 2016, 45, 8320-8323.	3.3	80
67	Crystal Structure of the PIM2 Kinase in Complex with an Organoruthenium Inhibitor. PLoS ONE, 2009, 4, e7112.	2.5	79
68	A second-generation copper(II)-mediated metallo-DNA-base pair. Bioorganic Chemistry, 2004, 32, 13-25.	4.1	78
69	Merger of Visible Light Induced Oxidation and Enantioselective Alkylation with a Chiral Iridium Catalyst. Chemistry - A European Journal, 2015, 21, 7355-7359.	3.3	78
70	Ruthenium Half-Sandwich Complexes as Protein Kinase Inhibitors:â€‰ AnN-Succinimidyl Ester for Rapid Derivatizations of the Cyclopentadienyl Moiety. Organic Letters, 2006, 8, 5465-5468.	4.6	77
71	Enantioselective catalytic Î²-amination through proton-coupled electron transfer followed by stereocontrolled radicalâ€“radical coupling. Chemical Science, 2017, 8, 5757-5763.	7.4	77
72	Synthesis and Properties of the Simplified Nucleic Acid Glycol Nucleic Acid. Accounts of Chemical Research, 2010, 43, 1092-1102.	15.6	76

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73	Chemical Activation in Blood Serum and Human Cell Culture: Improved Ruthenium Complex for Catalytic Uncaging of Allocâ€Protected Amines. ChemBioChem, 2017, 18, 1083-1086.	2.6	76
74	Catalytic Enantioselective Intramolecular C(sp³)â^'H Amination of 2â€Azidoacetamides. Angewandte Chemie - International Edition, 2019, 58, 1088-1093.	13.8	76
75	A Rhodium Catalyst Superior to Iridium Congeners for Enantioselective Radical Amination Activated by Visible Light. Chemistry - A European Journal, 2016, 22, 9102-9105.	3.3	75
76	Toward the Development of a Potent and Selective Organoruthenium Mammalian Sterile 20 Kinase Inhibitor. Journal of Medicinal Chemistry, 2009, 52, 1602-1611.	6.4	74
77	Rhenium Complexes with Visibleâ€Lightâ€Induced Anticancer Activity. ChemMedChem, 2013, 8, 924-927.	3.2	74
78	Preparation of chiral-at-metal catalysts and their use in asymmetric photoredox chemistry. Nature Protocols, 2018, 13, 605-632.	12.0	74
79	Duplex Formation of the Simplified Nucleic Acid GNA. ChemBioChem, 2007, 8, 927-932.	2.6	73
80	The Crystal Structure of BRAF in Complex with an Organoruthenium Inhibitor Reveals a Mechanism for Inhibition of an Active Form of BRAF Kinase. Biochemistry, 2009, 48, 5187-5198.	2.5	72
81	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.	13.7	71
82	Ruthenium Complexes as Protein Kinase Inhibitors. Organic Letters, 2004, 6, 521-523.	4.6	67
83	Light-Triggered Ruthenium-Catalyzed Allylcarbamate Cleavage in Biological Environments. Organometallics, 2012, 31, 5968-5970.	2.3	67
84	Combining the catalytic enantioselective reaction of visible-light-generated radicals with a by-product utilization system. Chemical Science, 2017, 8, 7126-7131.	7.4	67
85	Octahedral Chiralâ€atâ€Metal Iridium Catalysts: Versatile Chiral Lewis Acids for Asymmetric Conjugate Additions. Chemistry - A European Journal, 2015, 21, 9720-9726.	3.3	66
86	Enantioselective rhodium/ruthenium photoredox catalysis en route to chiral 1,2-aminoalcohols. Chemical Communications, 2016, 52, 10183-10186.	4.1	66
87	Atroposelective Synthesis of Axially Chiral Nâ€Arylpyrroles by Chiralâ€atâ€Rhodium Catalysis. Angewandte Chemie - International Edition, 2020, 59, 13552-13556.	13.8	66
88	Metal-templated chiral BrÃ¸nsted base organocatalysis. Nature Communications, 2014, 5, 4531.	12.8	65
89	Catalytic Î±-Deracemization of Ketones Enabled by Photoredox Deprotonation and Enantioselective Protonation. Journal of the American Chemical Society, 2021, 143, 13393-13400.	13.7	65
90	Rhenium Complexes with Redâ€Lightâ€Induced Anticancer Activity. European Journal of Inorganic Chemistry, 2014, 2014, 807-811.	2.0	63

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91	Sixty Years Young: The Diverse Biological Activities of Metal Polypyridyl Complexes Pioneered by Francis P. Dwyer. Australian Journal of Chemistry, 2012, 65, 1325.	0.9	61
92	Enantioselective intramolecular Câ€“H amination of aliphatic azides by dual ruthenium and phosphine catalysis. Chemical Science, 2019, 10, 3202-3207.	7.4	61
93	Conformation, Lifetime, and Repair of 4â€˜-DNA Radicals. Journal of the American Chemical Society, 1997, 119, 11130-11131.	13.7	60
94	Metal-mediated base pairing within the simplified nucleic acid GNA. Organic and Biomolecular Chemistry, 2009, 7, 476-482.	2.8	60
95	An Organometallic Inhibitor for the Human Repair Enzyme 7,8â€Dihydroâ€8â€oxoguanosine Triphosphatase. Angewandte Chemie - International Edition, 2014, 53, 305-309.	13.8	60
96	Synthesis of Î²â€Substituted Î³â€Aminobutyric Acid Derivatives through Enantioselective Photoredox Catalysis. Angewandte Chemie, 2018, 130, 11363-11367.	2.0	60
97	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.	3.2	60
98	Extremely Tight Binding of a Ruthenium Complex to Glycogen Synthase Kinase 3. ChemBioChem, 2008, 9, 2933-2936.	2.6	58
99	Method for the Preparation of Nonracemic Bis-Cyclometalated Iridium(III) Complexes. European Journal of Inorganic Chemistry, 2013, 2013, 4164-4172.	2.0	58
100	Exploiting Octahedral Stereocenters: From Enzyme Inhibition to Asymmetric Photoredox Catalysis. Angewandte Chemie - International Edition, 2017, 56, 5668-5675.	13.8	58
101	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.	13.7	58
102	Chiral-at-metal iridium complex for efficient enantioselective transfer hydrogenation of ketones. Chemical Communications, 2016, 52, 4207-4210.	4.1	57
103	Electron Transfer in DNA from Guanine and 8-Oxoguanine to a Radical Cation of the Carbohydrate Backbone. Chemistry - A European Journal, 2000, 6, 485-492.	3.3	56
104	Metal-templated enantioselective enamine/H-bonding dual activation catalysis. Chemical Communications, 2014, 50, 10409.	4.1	54
105	Chiral-Auxiliary-Mediated Asymmetric Synthesis of Tris-Heteroleptic Ruthenium Polypyridyl Complexes. Journal of the American Chemical Society, 2009, 131, 9602-9603.	13.7	53
106	Chiral-at-Iron Catalyst: Expanding the Chemical Space for Asymmetric Earth-Abundant Metal Catalysis. Journal of the American Chemical Society, 2019, 141, 4569-4572.	13.7	53
107	Inert ruthenium half-sandwich complexes with anticancer activity. Dalton Transactions, 2009, , 10882.	3.3	52
108	Structure-Based Design of an Organoruthenium Phosphatidyl-inositol-3-kinase Inhibitor Reveals a Switch Governing Lipid Kinase Potency and Selectivity. ACS Chemical Biology, 2008, 3, 305-316.	3.4	51

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109	Isomerizationâ€Induced Asymmetric Coordination Chemistry: From Auxiliary Control to Asymmetric Catalysis. Angewandte Chemie - International Edition, 2010, 49, 7955-7957.	13.8	50
110	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.	4.5	50
111	Discovery of a strongly apoptotic ruthenium complex through combinatorial coordination chemistry. Dalton Transactions, 2010, 39, 8177.	3.3	48
112	Catalytic Asymmetric Synthesis of Fluoroalkylâ€Containing Compounds by Threeâ€Component Photoredox Chemistry. Chemistry - A European Journal, 2018, 24, 259-265.	3.3	48
113	Enantioselective Ring-Closing Câ€“H Amination of Urea Derivatives. CheM, 2020, 6, 2024-2034.	11.7	48
114	Electrochemical Enantioselective Nucleophilic Î±-C(sp³)â€“H Alkenylation of 2-Acyl Imidazoles. Journal of the American Chemical Society, 2022, 144, 6964-6971.	13.7	48
115	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.	1.4	46
116	Structure of anticancer ruthenium half-sandwich complex bound to glycogen synthase kinase 3Î². Journal of Biological Inorganic Chemistry, 2011, 16, 45-50.	2.6	44
117	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.	11.2	44
118	Spontaneous Cleavage of 4â€˜-DNA Radicals under Aerobic Conditions:Â Apparent Discrepancy between Trapping Rates and Cleavage Products. Journal of the American Chemical Society, 1998, 120, 7399-7403.	13.7	43
119	Visible-Light-Activated Enantioselective Perfluoroalkylation with a Chiral Iridium Photoredox Catalyst. Synlett, 2016, 27, 749-753.	1.8	43
120	Asymmetric Nucleophilic Catalysis with an Octahedral Chiral-at-Metal Iridium(III) Complex. ACS Catalysis, 2017, 7, 5151-5162.	11.2	43
121	Stereocontrolled 1,3-nitrogen migration to access chiral Î±-amino acids. Nature Chemistry, 2022, 14, 566-573.	13.6	43
122	Platinum Complex as a Nanomolar Protein Kinase Inhibitor. Inorganic Chemistry, 2007, 46, 2944-2946.	4.0	42
123	Bioorthogonal Enzymatic Activation of Caged Compounds. Angewandte Chemie - International Edition, 2015, 54, 13440-13443.	13.8	41
124	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.	13.7	41
125	Insight into the High Duplex Stability of the Simplified Nucleic Acid GNA. Angewandte Chemie - International Edition, 2009, 48, 960-963.	13.8	40
126	Catalytic Asymmetric Dearomatization by Visibleâ€Lightâ€Activated [2+2] Photocycloaddition. Angewandte Chemie, 2018, 130, 6350-6354.	2.0	40

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127	Strainâ€Promoted Azideâ€“Alkyne Cycloaddition with Ruthenium(II)â€“Azido Complexes. Chemistry - A European Journal, 2013, 19, 16682-16689.	3.3	39
128	Directed Evolution of an Fe^{II}-Dependent Halogenase for Asymmetric C(sp³)â€“H Chlorination. ACS Catalysis, 2020, 10, 1272-1277.	11.2	38
129	An Efficient Synthesis of Enantiomerically Pure ?- and ?-Ruthenium(II)-Labelled Oligonucleotides. Helvetica Chimica Acta, 1997, 80, 640-652.	1.6	37
130	GSK3Î² Inhibition Blocks Melanoma Cell/Host Interactions by Downregulating N-Cadherin Expression and Decreasing FAK Phosphorylation. Journal of Investigative Dermatology, 2012, 132, 2818-2827.	0.7	37
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.	3.3	37
132	Asymmetric Nazarov Cyclizations Catalyzed by Chiralâ€atâ€Metal Complexes. Advanced Synthesis and Catalysis, 2018, 360, 2093-2100.	4.3	37
133	Chiral Salicyloxazolines as Auxiliaries for the Asymmetric Synthesis of Ruthenium Polypyridyl Complexes. Inorganic Chemistry, 2010, 49, 7692-7699.	4.0	36
134	Polymer-Supported Chiral-at-Metal Lewis Acid Catalysts. Organometallics, 2017, 36, 1457-1460.	2.3	36
135	Solid-Phase Synthesis of Tris-heteroleptic Ruthenium(II) Complexes and Application to Acetylcholinesterase Inhibition. Inorganic Chemistry, 2008, 47, 5030-5032.	4.0	35
136	Atomic resolution duplex structure of the simplified nucleic acidGNA. Chemical Communications, 2010, 46, 1094-1096.	4.1	35
137	Organometallic Pyridylnaphthalimide Complexes as Protein Kinase Inhibitors. Organometallics, 2011, 30, 4598-4606.	2.3	35
138	Asymmetric dual catalysis via fragmentation of a single rhodium precursor complex. Chemical Communications, 2016, 52, 7699-7702.	4.1	35
139	An N-heterocyclic carbene iridium catalyst with metal-centered chirality for enantioselective transfer hydrogenation of imines. Chemical Communications, 2017, 53, 8089-8092.	4.1	35
140	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.	3.3	34
141	Organometallics as Structural Scaffolds for Enzyme Inhibitor Design. Topics in Organometallic Chemistry, 2010, , 141-153.	0.7	33
142	Proline as Chiral Auxiliary for the Economical Asymmetric Synthesis of Ruthenium(II) Polypyridyl Complexes. Inorganic Chemistry, 2012, 51, 10004-10011.	4.0	33
143	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.	2.4	33
144	Asymmetric Photocatalysis by Intramolecular Hydrogenâ€Atom Transfer in Photoexcited Catalystâ€“Substrate Complex. Angewandte Chemie - International Edition, 2019, 58, 14462-14466.	13.8	33

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145	Kinetic Resolution of Epoxides with CO 2 Catalyzed by a Chiralâ€atâ€Iridium Complex. ChemSusChem, 2019, 12, 320-325.	6.8	33
146	Pyridocarbazole-Rhodium(III) Complexes as Protein Kinase Inhibitors. European Journal of Inorganic Chemistry, 2012, 2012, 813-821.	2.0	32
147	Inorganic chemical biology: from small metal complexes in biological systems to metalloproteins. Current Opinion in Chemical Biology, 2008, 12, 194-196.	6.1	31
148	Bisâ€Cyclometalated Indazole Chiralâ€atâ€Rhodium Catalyst for Asymmetric Photoredox Cyanoalkylations. Chemistry - A European Journal, 2019, 25, 15333-15340.	3.3	31
149	Asymmetric Ring-Closing Aminooxygenation of Alkenes en Route to 2-Amino-1,3-Diols with Vicinal Stereocenters. Organic Letters, 2020, 22, 6653-6656.	4.6	30
150	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.	13.8	30
151	Asymmetric Synthesis of Hydrocarbazoles Catalyzed by an Octahedral Chiralâ€atâ€Rhodium Lewis Acid. Chemistry - an Asian Journal, 2015, 10, 2738-2743.	3.3	29
152	Threeâ€Component Asymmetric Mannich Reaction Catalyzed by a Lewis Acid with Rhodiumâ€Centered Chirality. Chemistry - an Asian Journal, 2017, 12, 963-967.	3.3	29
153	Bioactive cyclometalated phthalimides: design, synthesis and kinase inhibition. Dalton Transactions, 2012, 41, 9337.	3.3	27
154	Enantioselective 2-Alkylation of 3-Substituted Indoles with Dual Chiral Lewis Acid/Hydrogen-Bond-Mediated Catalyst. Organic Letters, 2017, 19, 222-225.	4.6	27
155	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.	2.7	26
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