

Nicolai Cramer

List of Publications by Citations

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183
papers

13,763
citations

66
h-index

113
g-index

251
ext. papers

15,596
ext. citations

10.3
avg, IF

7.69
L-index

#	Paper	IF	Citations
183	Catalytic C-C Bond Activations via Oxidative Addition to Transition Metals. <i>Chemical Reviews</i> , 2015 , 115, 9410-64	68.1	690
182	Chiral Cyclopentadienyls: Enabling Ligands for Asymmetric Rh(III)-Catalyzed C-H Functionalizations. <i>Accounts of Chemical Research</i> , 2015 , 48, 1308-18	24.3	633
181	Catalytic Enantioselective Transformations Involving C-H Bond Cleavage by Transition-Metal Complexes. <i>Chemical Reviews</i> , 2017 , 117, 8908-8976	68.1	586
180	Chiral cyclopentadienyl ligands as stereocontrolling element in asymmetric C-H functionalization. <i>Science</i> , 2012 , 338, 504-6	33.3	482
179	Cyclobutanes in catalysis. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7740-52	16.4	467
178	A tunable class of chiral Cp ligands for enantioselective rhodium(III)-catalyzed C-H allylations of benzamides. <i>Journal of the American Chemical Society</i> , 2013 , 135, 636-9	16.4	375
177	Enantioselective construction of spirocyclic oxindolic cyclopentanes by palladium-catalyzed trimethylenemethane-[3+2]-cycloaddition. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12396-7	16.4	370
176	Asymmetric synthesis of isoindolones by chiral cyclopentadienyl-rhodium(III)-catalyzed C-H functionalizations. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7896-9	16.4	234
175	Enantioselective synthesis of indanols from tert-cyclobutanols using a rhodium-catalyzed C-C/C-H activation sequence. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6320-3	16.4	218
174	Chiral Cp-rhodium(III)-catalyzed asymmetric hydroarylations of 1,1-disubstituted alkenes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 507-11	16.4	207
173	Chiral monodentate phosphines and bulky carboxylic acids: cooperative effects in palladium-catalyzed enantioselective C(sp ³)-H functionalization. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 2238-42	16.4	207
172	Rhodium-catalyzed C-C bond cleavage: construction of acyclic methyl substituted quaternary stereogenic centers. <i>Journal of the American Chemical Society</i> , 2010 , 132, 5340-1	16.4	206
171	syn-Selective rhodium(I)-catalyzed allylations of ketimines proceeding through a directed C-H activation/allene addition sequence. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8181-4	16.4	199
170	Access to P- and Axially Chiral Biaryl Phosphine Oxides by Enantioselective Cp Ir -Catalyzed C-H Arylations. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12901-12905	16.4	189
169	Access to sultams by rhodium(III)-catalyzed directed C-H activation. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10610-4	16.4	185
168	Enantioselective palladium-catalyzed direct arylations at ambient temperature: access to indanes with quaternary stereocenters. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9139-42	16.4	180
167	Enantioselective rhodium(I)-catalyzed [3+2] annulations of aromatic ketimines induced by directed C-H activations. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11098-102	16.4	177

166	Enantioselective metal-catalyzed activation of strained rings. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 2835-40	3.9	175
165	Palladium(0)-catalyzed enantioselective C-H arylation of cyclopropanes: efficient access to functionalized tetrahydroquinolines. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 12842-5	16.4	171
164	Cyclobutane in der Katalyse. <i>Angewandte Chemie</i> , 2011 , 123, 7884-7896	3.6	171
163	Asymmetric Catalysis Powered by Chiral Cyclopentadienyl Ligands. <i>Journal of the American Chemical Society</i> , 2016 , 138, 3935-41	16.4	169
162	Rhodium(III)-Catalyzed Enantiotopic C-H Activation Enables Access to P-Chiral Cyclic Phosphinamides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 364-367	16.4	159
161	Highly enantioselective rhodium(I)-catalyzed activation of enantiotopic cyclobutanone C-C bonds. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3001-5	16.4	156
160	Concise total synthesis of (+/-)-marcfortine B. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3086-7	16.4	149
159	Rhodium-catalyzed dynamic kinetic asymmetric transformations of racemic allenes by the [3+2] annulation of aryl ketimines. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10630-4	16.4	128
158	Cooperative Effects between Chiral Cp-Iridium(III) Catalysts and Chiral Carboxylic Acids in Enantioselective C-H Amidations of Phosphine Oxides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15088-15092	16.4	122
157	Highly enantioselective rhodium(I)-catalyzed carbonyl carboacylations initiated by C-C bond activation. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 9640-4	16.4	117
156	Enantioselective Synthesis of Chiral-at-Sulfur 1,2-Benzothiazines by Cp Rh -Catalyzed C-H Functionalization of Sulfoximines. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15539-15543	16.4	116
155	Diaminophosphine oxide ligand enabled asymmetric nickel-catalyzed hydrocarbamoylations of alkenes. <i>Journal of the American Chemical Society</i> , 2013 , 135, 11772-5	16.4	115
154	Aromatic homologation by non-chelate-assisted Rh(III)-catalyzed C-H functionalization of arenes with alkynes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3484-7	16.4	113
153	Chiral Bicyclo[3.3.0]octa-2,5-dienes as Steering Ligands in Substrate-Dependent Rhodium-Catalyzed 1,4-Addition of Arylboronic Acids to Enones. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 2331-2337	5.6	113
152	Enantioselective Access to Spirocyclic Sultams by Chiral Cp(x) -Rhodium(III)-Catalyzed Annulations. <i>Chemistry - A European Journal</i> , 2016 , 22, 2270-3	4.8	111
151	Chiral Cp-Rhodium(III)-Catalyzed Asymmetric Hydroarylations of 1,1-Disubstituted Alkenes. <i>Angewandte Chemie</i> , 2014 , 126, 517-521	3.6	106
150	Chiral β -Lactams by Enantioselective Palladium(0)-Catalyzed Cyclopropane Functionalizations. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11826-9	16.4	106
149	Access to β -Lactams by enantioselective palladium(0)-catalyzed C(sp ³)-H alkylation. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 9064-7	16.4	105

148	Enantioselective C-H arylation strategy for functionalized dibenzazepinones with quaternary stereocenters. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7865-8	16.4	105
147	Rhodium(I)-catalyzed 1,4-silicon shift of unactivated silanes from aryl to alkyl: enantioselective synthesis of indanol derivatives. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 10163-7	16.4	105
146	Enantioselective C-C bond activation of allenyl cyclobutanes: access to cyclohexenones with quaternary stereogenic centers. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9294-7	16.4	104
145	Enantioselective C H Bond Functionalizations by 3d Transition-Metal Catalysts. <i>Trends in Chemistry</i> , 2019 , 1, 471-484	14.8	102
144	Ligand-controlled regiodivergent pathways of rhodium(III)-catalyzed dihydroisoquinolone synthesis: experimental and computational studies of different cyclopentadienyl ligands. <i>Chemistry - A European Journal</i> , 2014 , 20, 15409-18	4.8	100
143	Synthesis and biological activity of largazole and derivatives. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 6483-5	16.4	98
142	Chiral Cyclopentadienyl Cobalt(III) Complexes Enable Highly Enantioselective 3d-Metal-Catalyzed C-H Functionalizations. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5675-5680	16.4	97
141	Chirale einz�nige Phosphine und sperrige Carbons�ren: kooperative Effekte in Pd-katalysierten enantioselektiven C(sp ³)-H-Funktionalisierungen. <i>Angewandte Chemie</i> , 2012 , 124, 2281-2285	3.6	97
140	Nickel-Catalyzed Enantioselective Pyridone C-H Functionalizations Enabled by a Bulky N-Heterocyclic Carbene Ligand. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4489-4493	16.4	96
139	Rapid access to spirocyclic oxindole alkaloids: application of the asymmetric palladium-catalyzed [3 + 2] trimethylenemethane cycloaddition. <i>Journal of the American Chemical Society</i> , 2013 , 135, 16720-35	16.4	95
138	TADDOL-based phosphorus(III)-ligands in enantioselective Pd(0)-catalysed C-H functionalisations. <i>Chemical Communications</i> , 2015 , 51, 17647-57	5.8	92
137	Asymmetric Synthesis of Isoindolones by Chiral Cyclopentadienyl-Rhodium(III)-Catalyzed C?H Functionalizations. <i>Angewandte Chemie</i> , 2014 , 126, 8030-8033	3.6	91
136	Enantioselective Synthesis of Indanols from tert-Cyclobutanols Using a Rhodium-Catalyzed C?C/C?H Activation Sequence. <i>Angewandte Chemie</i> , 2009 , 121, 6438-6441	3.6	90
135	Palladium-catalyzed arylative ring-opening reactions of norbornenols: entry to highly substituted cyclohexenes, quinolines, and tetrahydroquinolines. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4455-8	16.4	89
134	Access to P- and Axially Chiral Biaryl Phosphine Oxides by Enantioselective Cp*Ir(III)-Catalyzed C�H Arylations. <i>Angewandte Chemie</i> , 2018 , 130, 13083-13087	3.6	88
133	Tailored trisubstituted chiral Cp Rh catalysts for kinetic resolutions of phosphinic amides. <i>Chemical Science</i> , 2018 , 9, 2981-2985	9.4	86
132	�Carbon Elimination from Cyclobutanols: A Clean Access to Alkylrhodium Intermediates Bearing a Quaternary Stereogenic Center. <i>Synlett</i> , 2011 , 2011, 449-460	2.2	84
131	Enantioselective palladium(0)-catalyzed intramolecular cyclopropane functionalization: access to dihydroquinolones, dihydroisoquinolones and the BMS-791325 ring system. <i>Chemical Science</i> , 2015 , 6, 5164-5171	9.4	83

130	Enantioselective Palladium-Catalyzed Direct Arylations at Ambient Temperature: Access to Indanes with Quaternary Stereocenters. <i>Angewandte Chemie</i> , 2009 , 121, 9303-9306	3.6	83
129	syn-Selective Rhodium(I)-Catalyzed Allylations of Ketimines Proceeding through a Directed C?H Activation/Allene Addition Sequence. <i>Angewandte Chemie</i> , 2010 , 122, 8357-8360	3.6	83
128	Axially Chiral Dibenzazepinones by a Palladium(0)-Catalyzed Atropo-enantioselective C-H Arylation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11040-11044	16.4	83
127	Efficient Kinetic Resolution of Sulfur-Stereogenic Sulfoximines by Exploiting Cp Rh -Catalyzed C-H Functionalization. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8902-8906	16.4	81
126	Catalytic Enantioselective Functionalizations of C-H Bonds by Chiral Iridium Complexes. <i>Chemical Reviews</i> , 2020 , 120, 10516-10543	68.1	81
125	Rhodium(III)-Catalyzed Enantiotopic C-H Activation Enables Access to P-Chiral Cyclic Phosphinamides. <i>Angewandte Chemie</i> , 2017 , 129, 370-373	3.6	77
124	Rhodium(I)-catalyzed enantioselective activation of cyclobutanols: formation of cyclohexane derivatives with quaternary stereogenic centers. <i>Chemistry - A European Journal</i> , 2010 , 16, 3383-91	4.8	74
123	Generation of Heteroatom Stereocenters by Enantioselective C-H Functionalization. <i>ACS Catalysis</i> , 2019 , 9, 9164-9177	13.1	72
122	Chiral Cyclopentadienyl Ligands Enable a Rhodium(III)-Catalyzed Enantioselective Access to Hydroxychromanes and Phthalides. <i>Synlett</i> , 2015 , 26, 1490-1495	2.2	72
121	Palladium(0)-Catalyzed Enantioselective C-H Arylation of Cyclopropanes: Efficient Access to Functionalized Tetrahydroquinolines. <i>Angewandte Chemie</i> , 2012 , 124, 13014-13017	3.6	72
120	Exploitation of Rh(I)âRh(III) cycles in enantioselective C-H bond cleavages: access to tetralones and benzobicyclo[2.2.2]octanones. <i>Chemical Science</i> , 2014 , 5, 837-840	9.4	71
119	Enantioselective Rhodium(I)-Catalyzed [3+2] Annulations of Aromatic Ketimines Induced by Directed C-H Activations. <i>Angewandte Chemie</i> , 2011 , 123, 11294-11298	3.6	70
118	Chiral Cyclopentadienyl Ligands: Design, Syntheses, and Applications in Asymmetric Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13198-13224	16.4	68
117	Intermolecular Palladium(0)-Catalyzed Atropo-enantioselective C-H Arylation of Heteroarenes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 2161-2167	16.4	65
116	Access to Sultams by Rhodium(III)-Catalyzed Directed C-H Activation. <i>Angewandte Chemie</i> , 2012 , 124, 10762-10766	3.6	64
115	Enantioselective C-H Functionalization-Addition Sequence Delivers Densely Substituted 3-Azabicyclo[3.1.0]hexanes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12398-12401	16.4	63
114	Chiral cyclopentadienyl iridium(III) complexes promote enantioselective cycloisomerizations giving fused cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12149-52	16.4	62
113	Mild complexation protocol for chiral CpRh and Ir complexes suitable for catalysis. <i>Chemical Science</i> , 2019 , 10, 781-787	9.4	62

112	Asymmetric Rhodium(I)-Catalyzed C=C Activations with Zwitterionic Bis-phospholane Ligands. <i>Organometallics</i> , 2014 , 33, 780-787	3.8	61
111	Cooperative Effects between Chiral CpRhodium(III) Catalysts and Chiral Carboxylic Acids in Enantioselective C=C Amidations of Phosphine Oxides. <i>Angewandte Chemie</i> , 2017 , 129, 15284-15288	3.6	60
110	Highly Enantioselective Rhodium(I)-Catalyzed Activation of Enantiotopic Cyclobutanone C-C Bonds. <i>Angewandte Chemie</i> , 2014 , 126, 3045-3049	3.6	59
109	Rhodium-Catalyzed Dynamic Kinetic Asymmetric Transformations of Racemic Allenes by the [3+2] Annulation of Aryl Ketimines. <i>Angewandte Chemie</i> , 2013 , 125, 10824-10828	3.6	58
108	A Bulky Chiral N-Heterocyclic Carbene Nickel Catalyst Enables Enantioselective C-H Functionalizations of Indoles and Pyrroles. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 11044-11048	16.4	57
107	Divergent Asymmetric Synthesis of Polycyclic Compounds via Vinyl Triazenes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11490-11493	16.4	57
106	Enantioselective total synthesis of cylindramide. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 820-2	16.4	54
105	An Enantioselective Cp Rh(III)-Catalyzed C-H Functionalization/Ring-Opening Route to Chiral Cyclopentenylamines. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2514-2518	16.4	53
104	Converting disulfide bridges in native peptides to stable methylene thioacetals. <i>Chemical Science</i> , 2016 , 7, 7007-7012	9.4	52
103	Synthesis of functionalized spiroindolines via palladium-catalyzed methine C-H arylation. <i>Organic Letters</i> , 2013 , 15, 1354-7	6.2	50
102	Ligand-controlled regiodivergent nickel-catalyzed annulation of pyridones. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 633-7	16.4	50
101	Chiral Lactams by Enantioselective Palladium(0)-Catalyzed Cyclopropane Functionalizations. <i>Angewandte Chemie</i> , 2015 , 127, 11992-11995	3.6	49
100	Aromatic Homologation by Non-Chelate-Assisted Rh(III)-Catalyzed C-H Functionalization of Arenes with Alkynes. <i>Angewandte Chemie</i> , 2014 , 126, 3552-3555	3.6	48
99	A Readily Accessible Class of Chiral Cp Ligands and their Application in Ru-Catalyzed Enantioselective Syntheses of Dihydrobenzoindoles. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5459-5462	16.4	47
98	Asymmetric Alkenyl C-H Functionalization by Cp Rh Forms 2H-Pyrrol-2-ones through [4+1]-Annulation of Acryl Amides and Allenes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18136-18140	16.4	47
97	Biomimetic synthesis of (+)-ledene, (+)-viridiflorol, (-)-palustrol, (+)-spathulenol, and psiguadial A, C, and D via the platform terpene (+)-bicyclogermacrene. <i>Chemistry - A European Journal</i> , 2014 , 20, 10654-60	4.8	47
96	Palladium-Catalyzed Arylative Ring-Opening Reactions of Norbornenols: Entry to Highly Substituted Cyclohexenes, Quinolines, and Tetrahydroquinolines. <i>Angewandte Chemie</i> , 2010 , 122, 4557-4560	3.6	47
95	Neutral chiral cyclopentadienyl Ru(II)Cl catalysts enable enantioselective [2+2]-cycloadditions. <i>Chemical Science</i> , 2017 , 8, 1862-1866	9.4	47

94	Chiral Cationic Cp(x)Ru(II) Complexes for Enantioselective Yne-Enone Cyclizations. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12478-81	16.4	46
93	Enantioselective C-H Arylation Strategy for Functionalized Dibenzazepinones with Quaternary Stereocenters. <i>Angewandte Chemie</i> , 2013 , 125, 8019-8022	3.6	46
92	Enantioselective C-C-Bindungsaktivierung von Allenylcyclobutanen: Synthese von Cyclohexenonen mit quartären Stereozentren. <i>Angewandte Chemie</i> , 2008 , 120, 9435-9438	3.6	46
91	Total synthesis and NMR investigations of cylindramide. <i>Chemistry - A European Journal</i> , 2006 , 12, 2488-503	16.4	46
90	Highly Enantioselective Rhodium(I)-Catalyzed Carbonyl Carboacylations Initiated by C-C Bond Activation. <i>Angewandte Chemie</i> , 2014 , 126, 9794-9798	3.6	43
89	Nickel(0)-catalyzed enantioselective annulations of alkynes and arylenoates enabled by a chiral NHC ligand: efficient access to cyclopentenones. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13229-33	16.4	43
88	Access to β -Lactams by Enantioselective Palladium(0)-Catalyzed C(sp ³)-H Alkylation. <i>Angewandte Chemie</i> , 2014 , 126, 9210-9213	3.6	43
87	Divergent Synthesis of Densely Substituted Arenes and Pyridines via Cyclotrimerization Reactions of Alkynyl Triazenes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 10372-10383	16.4	42
86	Cobalt(III)-Catalyzed Enantioselective Intermolecular Carboamination by C-H Functionalization. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 655-659	16.4	41
85	Ligand-Controlled Regiodivergent Nickel-Catalyzed Annulation of Pyridones. <i>Angewandte Chemie</i> , 2015 , 127, 643-647	3.6	40
84	Rhodium(I)-Catalyzed 1,4-Silicon Shift of Unactivated Silanes from Aryl to Alkyl: Enantioselective Synthesis of Indanol Derivatives. <i>Angewandte Chemie</i> , 2010 , 122, 10361-10365	3.6	40
83	Enantioselective Synthesis of Chiral- α -Sulfur 1,2-Benzothiazines by CpxRhIII-Catalyzed C-H Functionalization of Sulfoximines. <i>Angewandte Chemie</i> , 2018 , 130, 15765-15769	3.6	40
82	Chiral cyclopentadienyl Rh-catalyzed enantioselective cyclopropanation of electron-deficient olefins enable rapid access to UPF-648 and oxylipin natural products. <i>Chemical Science</i> , 2019 , 10, 2773-2777	9.4	39
81	Chiral N-Heterocyclic Carbene Ligand Enabled Nickel(0)-Catalyzed Enantioselective Three-Component Couplings as Direct Access to Silylated Indanols. <i>Organic Letters</i> , 2016 , 18, 3242-5	6.2	39
80	Axially Chiral Dibenzazepinones by a Palladium(0)-Catalyzed Atropo-enantioselective C-H Arylation. <i>Angewandte Chemie</i> , 2018 , 130, 11206-11210	3.6	39
79	Ketene Aminal Phosphates: Competent Substrates for Enantioselective Pd(0)-Catalyzed C-H Functionalizations. <i>ACS Catalysis</i> , 2017 , 7, 7417-7420	13.1	38
78	Chiral 1,3,2-Diazaphospholenes as Catalytic Molecular Hydrides for Enantioselective Conjugate Reductions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4039-4042	16.4	38
77	A β -Carbon elimination strategy for convenient access to cyclopentadienyl metal complexes. <i>Chemical Science</i> , 2017 , 8, 7174-7179	9.4	37

76	Chiral Phosphites and Phosphoramidites Based on the Tropane Skeleton and Their Application in Catalysis. <i>Organometallics</i> , 2006 , 25, 2284-2291	3.8	37
75	Iridium-catalyzed acid-assisted asymmetric hydrogenation of oximes to hydroxylamines. <i>Science</i> , 2020 , 368, 1098-1102	33.3	34
74	Efficient Kinetic Resolution of Sulfur-Stereogenic Sulfoximines by Exploiting CpXRhIII-Catalyzed C=C Functionalization. <i>Angewandte Chemie</i> , 2019 , 131, 8994-8998	3.6	31
73	Enantioselective Cp Rh -Catalyzed Carboaminations of Acrylates. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14129-14133	16.4	31
72	Heteroatom-nucleophile-induced C-C fragmentations: synthesis of allenes and entry to domino reactions. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 8962-5	16.4	31
71	Alkynyl Triazenes as Fluoroalkyne Surrogates: Regioselective Access to 4-Fluoro-2-pyridones by a Rh(III)-Catalyzed C=C Activation → Lossen Rearrangement → Wallach Reaction. <i>ACS Catalysis</i> , 2020 , 10, 3790-3796	13.1	29
70	Enantioselective assembly of the benzo[d]xanthene tetracyclic core of anti-influenza active natural products. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 1781-4	3.9	29
69	Regiodivergent cyclobutanone cleavage: switching selectivity with different Lewis acids. <i>Chemistry - A European Journal</i> , 2015 , 21, 1863-7	4.8	28
68	Desymmetrizations of meso-tert-norbornenols by rhodium(I)-catalyzed enantioselective retro-allylations. <i>Chemical Communications</i> , 2011 , 47, 346-8	5.8	28
67	Preparation of UDP-galacturonic acid using UDP-sugar pyrophosphorylase. <i>Analytical Biochemistry</i> , 2006 , 352, 182-7	3.1	28
66	RhI, IrIII, and CoIII Complexes with Atropchiral Biaryl Cyclopentadienyl Ligands: Syntheses, Structures, and Catalytic Activities. <i>Organometallics</i> , 2019 , 38, 3939-3947	3.8	27
65	Chiral Monodentate Trialkylphosphines Based on the Phospholane Architecture. <i>Organometallics</i> , 2012 , 31, 8040-8046	3.8	27
64	Asymmetric CpxRh(III)-Catalyzed Acrylic Acid C=C Functionalization with Allenes Provides Chiral β -Lactones. <i>ACS Catalysis</i> , 2020 , 10, 8231-8236	13.1	26
63	A Readily Accessible Class of Chiral Cp Ligands and their Application in RuII-Catalyzed Enantioselective Syntheses of Dihydrobenzoindoles. <i>Angewandte Chemie</i> , 2018 , 130, 5557-5560	3.6	26
62	Asymmetric transformations via C-C bond cleavage. <i>Topics in Current Chemistry</i> , 2014 , 346, 163-93		26
61	Divergent Asymmetric Synthesis of Polycyclic Compounds via Vinyl Triazenes. <i>Angewandte Chemie</i> , 2017 , 129, 11648-11651	3.6	26
60	Chiral Cyclopentadienyl Iridium(III) Complexes Promote Enantioselective Cycloisomerizations Giving Fused Cyclopropanes. <i>Angewandte Chemie</i> , 2015 , 127, 12317-12320	3.6	26
59	Synthesis and biological properties of cylindramide derivatives: evidence for calcium-dependent cytotoxicity of tetramic acid lactams. <i>ChemBioChem</i> , 2008 , 9, 2474-86	3.8	26

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57	A Bulky Chiral N-Heterocyclic Carbene Nickel Catalyst Enables Enantioselective C α H Functionalizations of Indoles and Pyrroles. <i>Angewandte Chemie</i> , 2019 , 131, 11160-11164	3.6	25
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