

Nicolai Cramer

List of Publications by Year in descending order

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163
papers

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10986

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15266

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docs citations

251
times ranked

6433
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic C–C Bond Activations via Oxidative Addition to Transition Metals. <i>Chemical Reviews</i> , 2015, 115, 9410-9464.	47.7	878
2	Catalytic Enantioselective Transformations Involving C–H Bond Cleavage by Transition-Metal Complexes. <i>Chemical Reviews</i> , 2017, 117, 8908-8976.	47.7	827
3	Chiral Cyclopentadienyls: Enabling Ligands for Asymmetric Rh(III)-Catalyzed C–H Functionalizations. <i>Accounts of Chemical Research</i> , 2015, 48, 1308-1318.	15.6	736
4	Chiral Cyclopentadienyl Ligands as Stereocontrolling Element in Asymmetric C–H Functionalization. <i>Science</i> , 2012, 338, 504-506.	12.6	578
5	Cyclobutanes in Catalysis. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7740-7752.	13.8	527
6	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, 636-639.	13.7	445
7	Enantioselective Construction of Spirocyclic Oxindolic Cyclopentanes by Palladium-Catalyzed Trimethylenemethane-[3+2]-Cycloaddition. <i>Journal of the American Chemical Society</i> , 2007, 129, 12396-12397.	13.7	398
8	Asymmetric Synthesis of Isoindolones by Chiral Cyclopentadienyl–Rhodium(III)-Catalyzed C–H Functionalizations. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7896-7899.	13.8	270
9	Access to <i>syn</i> - and Axially Chiral Biaryl Phosphine Oxides by Enantioselective Cp ^{Ir} -Catalyzed C–H Arylations. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12901-12905.	13.8	270
10	Chiral Cp–Rhodium(III)-Catalyzed Asymmetric Hydroarylations of 1,1-Disubstituted Alkenes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 507-511.	13.8	246
11	Enantioselective Synthesis of Indanols from <i>tert</i> -Cyclobutanols Using a Rhodium-Catalyzed C–C/C–H Activation Sequence. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6320-6323.	13.8	237
12	Chiral Monodentate Phosphines and Bulky Carboxylic Acids: Cooperative Effects in Palladium-Catalyzed Enantioselective C(sp ³)-C–H Functionalization. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2238-2242.	13.8	232
13	Rhodium-Catalyzed C–C Bond Cleavage: Construction of Acyclic Methyl Substituted Quaternary Stereogenic Centers. <i>Journal of the American Chemical Society</i> , 2010, 132, 5340-5341.	13.7	226
14	<i>syn</i> -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, 8181-8184.	13.8	225
15	Access to Sultams by Rhodium(III)-Catalyzed Directed C–H Activation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10610-10614.	13.8	212
16	Rhodium(III)-Catalyzed Enantiotopic C–H Activation Enables Access to <i>syn</i> -Chiral Cyclic Phosphinamides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 364-367.	13.8	206
17	Asymmetric Catalysis Powered by Chiral Cyclopentadienyl Ligands. <i>Journal of the American Chemical Society</i> , 2016, 138, 3935-3941.	13.7	203
18	Enantioselective Palladium-Catalyzed Direct Arylations at Ambient Temperature: Access to Indanes with Quaternary Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9139-9142.	13.8	202

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19	Enantioselective Rhodium(I)-Catalyzed [3+2] Annulations of Aromatic Ketimines Induced by Directed C ₁ –H Activations. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11098-11102.	13.8	194
20	Palladium(0)-Catalyzed Enantioselective C ₁ –H Arylation of Cyclopropanes: Efficient Access to Functionalized Tetrahydroquinolines. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12842-12845.	13.8	189
21	Enantioselective metal-catalyzed activation of strained rings. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2835.	2.8	183
22	Chiral Cyclopentadienyl Ligands: Design, Syntheses, and Applications in Asymmetric Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13198-13224.	13.8	178
23	Enantioselective C–H Bond Functionalizations by 3d Transition-Metal Catalysts. <i>Trends in Chemistry</i> , 2019, 1, 471-484.	8.5	177
24	Highly Enantioselective Rhodium(I)-Catalyzed Activation of Enantiotopic Cyclobutanone C ₁ –C Bonds. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3001-3005.	13.8	173
25	Concise Total Synthesis of (±)-Marcfortine B. <i>Journal of the American Chemical Society</i> , 2007, 129, 3086-3087.	13.7	168
26	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.	13.7	166
27	Catalytic Enantioselective Functionalizations of C–H Bonds by Chiral Iridium Complexes. <i>Chemical Reviews</i> , 2020, 120, 10516-10543.	47.7	165
28	Enantioselective Synthesis of Chiral C ₁ –Sulfur 1,2-Benzothiazines by Cp ^x Rh ^{III} -Catalyzed C–H Functionalization of Sulfoximines. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15539-15543.	13.8	163
29	Cooperative Effects between Chiral Cp ^x -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.	13.8	156
30	Diaminophosphine Oxide Ligand Enabled Asymmetric Nickel-Catalyzed Hydrocarbonylations of Alkenes. <i>Journal of the American Chemical Society</i> , 2013, 135, 11772-11775.	13.7	152
31	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, 10630-10634.	13.8	146
32	Nickel-Catalyzed Enantioselective Pyridone C–H Functionalizations Enabled by a Bulky <i>i</i> -N-Heterocyclic Carbene Ligand. <i>Journal of the American Chemical Society</i> , 2018, 140, 4489-4493.	13.7	140
33	Chiral ¹³ C-Lactams by Enantioselective Palladium(0)-Catalyzed Cyclopropane Functionalizations. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11826-11829.	13.8	138
34	Highly Enantioselective Rhodium(I)-Catalyzed Carbonyl Carboacylations Initiated by C ₁ –C Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9640-9644.	13.8	136
35	Enantioselective Access to Spirocyclic Sultams by Chiral Cp ^x -Rhodium(III)-Catalyzed Annulations. <i>Chemistry - A European Journal</i> , 2016, 22, 2270-2273.	3.3	132
36	Enantioselective C ₁ –H Arylation Strategy for Functionalized Dibenzazepinones with Quaternary Stereocenters. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7865-7868.	13.8	129

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37	Access to β -lactams by Enantioselective Palladium(0)-Catalyzed C(sp ³)–H Alkylation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9064-9067.	13.8	127
38	Aromatic Homologation by Non-chelate-Assisted Rh ^{III} -Catalyzed C–H Functionalization of Arenes with Alkynes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3484-3487.	13.8	126
39	Tailored trisubstituted chiral Cp ^x Rh ^{III} catalysts for kinetic resolutions of phosphinic amides. <i>Chemical Science</i> , 2018, 9, 2981-2985.	7.4	124
40	Axially Chiral Dibenzazepinones by a Palladium(0)-Catalyzed Atropo-enantioselective C–H Arylation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11040-11044.	13.8	123
41	Generation of Heteroatom Stereocenters by Enantioselective C–H Functionalization. <i>ACS Catalysis</i> , 2019, 9, 9164-9177.	11.2	122
42	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, 10163-10167.	13.8	121
43	Efficient Kinetic Resolution of Sulfur-Stereogenic Sulfoximines by Exploiting Cp ^X Rh ^{III} -Catalyzed C–H Functionalization. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8902-8906.	13.8	121
44	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.	4.3	120
45	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, 15409-15418.	3.3	120
46	Enantioselective C–C Bond Activation of Allenyl Cyclobutanes: Access to Cyclohexenones with Quaternary Stereogenic Centers. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9294-9297.	13.8	116
47	Intermolecular Palladium(0)-Catalyzed Atropo-enantioselective C–H Arylation of Heteroarenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 2161-2167.	13.7	112
48	Ligand-Controlled Regiodivergent Nickel-Catalyzed Annulation of Pyridones. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 633-637.	13.8	109
49	TADDOL-based phosphorus(III)-ligands in enantioselective Pd(0)-catalysed C–H functionalisations. <i>Chemical Communications</i> , 2015, 51, 17647-17657.	4.1	109
50	Synthesis and Biological Activity of Largazole and Derivatives. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6483-6485.	13.8	108
51	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, 16720-16735.	13.7	107
52	Access to <i>P</i> - and Axially Chiral Biaryl Phosphine Oxides by Enantioselective Cp ^x Ir ^{III} -Catalyzed C–H Arylations. <i>Angewandte Chemie</i> , 2018, 130, 13083-13087.	2.0	106
53	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.	7.4	99
54	Cobalt(III)-Catalyzed Enantioselective Intermolecular Carboamination by C–H Functionalization. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 655-659.	13.8	99

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55	Palladium-Catalyzed Arylative Ring-Opening Reactions of Norbornenols: Entry to Highly Substituted Cyclohexenes, Quinolines, and Tetrahydroquinolines. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4455-4458.	13.8	98
56	β -Carbon Elimination from Cyclobutanols: A Clean Access to Alkylrhodium Intermediates Bearing a Quaternary Stereogenic Center. <i>Synlett</i> , 2011, 2011, 449-460.	1.8	92
57	Chiral Cyclopentadienyl Ligands Enable a Rhodium(III)-Catalyzed Enantioselective Access to Hydroxychromanes and Phthalides. <i>Synlett</i> , 2015, 26, 1490-1495.	1.8	90
58	Rhodium(III)-Catalyzed Enantiotopic C-H Activation Enables Access to P-Chiral Cyclic Phosphinamides. <i>Angewandte Chemie</i> , 2017, 129, 370-373.	2.0	89
59	A Bulky Chiral Heterocyclic Carbene Nickel Catalyst Enables Enantioselective C-H Functionalizations of Indoles and Pyrroles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11044-11048.	13.8	82
60	Mild complexation protocol for chiral Cp ^x Rh and Ir complexes suitable for <i>in situ</i> catalysis. <i>Chemical Science</i> , 2019, 10, 781-787.	7.4	82
61	Rhodium(I)-Catalyzed Enantioselective Activation of Cyclobutanols: Formation of Cyclohexane Derivatives with Quaternary Stereogenic Centers. <i>Chemistry - A European Journal</i> , 2010, 16, 3383-3391.	3.3	79
62	Exploitation of Rh(ⁱ)-Rh(ⁱⁱⁱ) cycles in enantioselective C-C bond cleavages: access to β -tetralones and benzobicyclo[2.2.2]octanones. <i>Chemical Science</i> , 2014, 5, 837-840.	7.4	78
63	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.	13.7	75
64	Asymmetric Alkenyl C-H Functionalization by Cp ^x Rh ^{III} forms 2-H-Pyrrol-2-ones through [4+1]-Annulation of Acryl Amides and Allenes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18136-18140.	13.8	75
65	An Enantioselective Cp ^x Rh(III)-Catalyzed C-H Functionalization/Ring-Opening Route to Chiral Cyclopentenylamines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2514-2518.	13.8	75
66	Cooperative Effects between Chiral Cp ^x -Iridium(III) Catalysts and Chiral Carboxylic Acids in Enantioselective C-H Amidations of Phosphine Oxides. <i>Angewandte Chemie</i> , 2017, 129, 15284-15288.	2.0	73
67	Asymmetric Rhodium(I)-Catalyzed C-C Activations with Zwitterionic Bis-phospholane Ligands. <i>Organometallics</i> , 2014, 33, 780-787.	2.3	71
68	Chiral Cyclopentadienyl Iridium(III) Complexes Promote Enantioselective Cycloisomerizations Giving Fused Cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12149-12152.	13.8	71
69	Iridium-catalyzed acid-assisted asymmetric hydrogenation of oximes to hydroxylamines. <i>Science</i> , 2020, 368, 1098-1102.	12.6	69
70	Divergent Asymmetric Synthesis of Polycyclic Compounds via Vinyl Triazenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11490-11493.	13.8	68
71	Converting disulfide bridges in native peptides to stable methylene thioacetals. <i>Chemical Science</i> , 2016, 7, 7007-7012.	7.4	65
72	Biomimetic Synthesis of (+)-Ledene, (+)-Viridiflorol, (α)-Palustrol, (+)-Spathulenol, and Psiguadial...A, C, and D via the Platform Terpene (+)-Bicyclogermacrene. <i>Chemistry - A European Journal</i> , 2014, 20, 10654-10660.	3.3	63

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73	A Readily Accessible Class of Chiral Cp Ligands and their Application in Ru ^{II} -Catalyzed Enantioselective Syntheses of Dihydrobenzoindoles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5459-5462.	13.8	62
74	Synthesis of Functionalized Spiroindolines <i>via</i> Palladium-Catalyzed Methine C-H Arylation. <i>Organic Letters</i> , 2013, 15, 1354-1357.	4.6	60
75	Enantioselective Total Synthesis of Cylindramide. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 820-822.	13.8	59
76	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.	13.7	59
77	Chiral Cationic Cp ^x Ru(II) Complexes for Enantioselective Yne-Enone Cyclizations. <i>Journal of the American Chemical Society</i> , 2015, 137, 12478-12481.	13.7	56
78	Chiral cyclopentadienyl Rh ^{III} -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.	7.4	56
79	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, 13229-13233.	13.8	55
80	Chiral 1,3,2-Diazaphospholenes as Catalytic Molecular Hydrides for Enantioselective Conjugate Reductions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4039-4042.	13.8	55
81	Neutral chiral cyclopentadienyl Ru(ⁱⁱ)Cl catalysts enable enantioselective [2+2]-cycloadditions. <i>Chemical Science</i> , 2017, 8, 1862-1866.	7.4	54
82	A ² -Carbon elimination strategy for convenient in situ access to cyclopentadienyl metal complexes. <i>Chemical Science</i> , 2017, 8, 7174-7179.	7.4	53
83	Total Synthesis and NMR Investigations of Cylindramide. <i>Chemistry - A European Journal</i> , 2006, 12, 2488-2503.	3.3	50
84	Chiral <i>N</i> -Heterocyclic Carbene Ligand Enabled Nickel(0)-Catalyzed Enantioselective Three-Component Couplings as Direct Access to Silylated Indanols. <i>Organic Letters</i> , 2016, 18, 3242-3245.	4.6	49
85	Alkynyl Triazenes as Fluoroalkyne Surrogates: Regioselective Access to 4-Fluoro-2-pyridones by a Rh(III)-Catalyzed C-H Activation-Lossen Rearrangement-Wallach Reaction. <i>ACS Catalysis</i> , 2020, 10, 3790-3796.	11.2	49
86	Ketene Amino Phosphates: Competent Substrates for Enantioselective Pd(0)-Catalyzed C-H Functionalizations. <i>ACS Catalysis</i> , 2017, 7, 7417-7420.	11.2	48
87	Enantioselective Synthesis of Chiral α -Sulfur 1,2-Benzothiazines by Cp ^x Rh(III)-Catalyzed C-H Functionalization of Sulfoximines. <i>Angewandte Chemie</i> , 2018, 130, 15765-15769.	2.0	48
88	Axially Chiral Dibenzazepinones by a Palladium(0)-Catalyzed Atropo-enantioselective C-H Arylation. <i>Angewandte Chemie</i> , 2018, 130, 11206-11210.	2.0	47
89	Asymmetric Cp ^x Rh(III)-Catalyzed Acrylic Acid C-H Functionalization with Allenes Provides Chiral ¹³ C-Lactones. <i>ACS Catalysis</i> , 2020, 10, 8231-8236.	11.2	44
90	Chiral Cyclopentadienyl Ligands: Design, Syntheses, and Applications in Asymmetric Catalysis. <i>Angewandte Chemie</i> , 2021, 133, 13306-13332.	2.0	44

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91	Cobalt(III)-Catalyzed Diastereo- and Enantioselective Three-Component C=C-H Functionalization. ACS Catalysis, 2021, 11, 11938-11944.	11.2	44
92	Enantioselective Cp ^x Rh ^{III} -Catalyzed Carboaminations of Acrylates. Angewandte Chemie - International Edition, 2020, 59, 14129-14133.	13.8	42
93	Chiral Phosphites and Phosphoramidites Based on the Tropane Skeleton and Their Application in Catalysis. Organometallics, 2006, 25, 2284-2291.	2.3	40
94	Rh ^I , Ir ^{III} , and Co ^{III} Complexes with Atropchiral Biaryl Cyclopentadienyl Ligands: Syntheses, Structures, and Catalytic Activities. Organometallics, 2019, 38, 3939-3947.	2.3	40
95	Efficient Kinetic Resolution of Sulfur-Stereogenic Sulfoximines by Exploiting Cp ^X Rh ^{III} -Catalyzed C=C-H Functionalization. Angewandte Chemie, 2019, 131, 8994-8998.	2.0	37
96	One-Step Multigram-Scale Biomimetic Synthesis of Psiguadial...B. Angewandte Chemie - International Edition, 2017, 56, 13776-13780.	13.8	36
97	Heteroatom-Nucleophile-Induced C=C Fragmentations: Synthesis of Allenes and Entry to Domino Reactions. Angewandte Chemie - International Edition, 2010, 49, 8962-8965.	13.8	34
98	Preparation of UDP-galacturonic acid using UDP-sugar pyrophosphorylase. Analytical Biochemistry, 2006, 352, 182-187.	2.4	33
99	Atropo-Enantioselective Oxidation-Enabled Iridium(III)-Catalyzed C=C-H Arylations with Aryl Boronic Esters. Angewandte Chemie - International Edition, 2021, 60, 18532-18536.	13.8	33
100	Enantioselective assembly of the benzo[d]xanthene tetracyclic core of anti-influenza active natural products. Organic and Biomolecular Chemistry, 2010, 8, 1781.	2.8	32
101	Rhodium(III)/Copper(II)-Promoted <i>trans</i> -Selective Heteroaryl Acyloxylation of Alkynes: Stereodefined Access to <i>trans</i> -Enol Esters. Angewandte Chemie - International Edition, 2014, 53, 14575-14579.	13.8	32
102	Asymmetric Transformations via C=C Bond Cleavage. Topics in Current Chemistry, 2014, 346, 163-193.	4.0	32
103	Regiodivergent Cyclobutanone Cleavage: Switching Selectivity with Different Lewis Acids. Chemistry - A European Journal, 2015, 21, 1863-1867.	3.3	31
104	2-(Trifluoromethyl)indoles via Pd(0)-Catalyzed C(sp ³)-H Functionalization of Trifluoroacetimidoyl Chlorides. Organic Letters, 2016, 18, 1932-1935.	4.6	31
105	Desymmetrizations of meso-tert-norbornenols by rhodium(i)-catalyzed enantioselective retro-allylations. Chemical Communications, 2011, 47, 346-348.	4.1	29
106	Chiral Monodentate Trialkylphosphines Based on the Phospholane Architecture. Organometallics, 2012, 31, 8040-8046.	2.3	29
107	A Readily Accessible Class of Chiral Cp Ligands and their Application in Ru ^{II} -Catalyzed Enantioselective Syntheses of Dihydrobenzoindoles. Angewandte Chemie, 2018, 130, 5557-5560.	2.0	29
108	Enantioselective Access to 1-H-isoindoles with Quaternary Stereogenic Centers by Palladium(0)-Catalyzed C=C-H Functionalization. Angewandte Chemie - International Edition, 2018, 57, 13644-13647.	13.8	29

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109	A Bulky Chiral Nâ€Heterocyclic Carbene Nickel Catalyst Enables Enantioselective CâˆH Functionalizations of Indoles and Pyrroles. <i>Angewandte Chemie</i> , 2019, 131, 11160-11164.	2.0	29
110	A 1,3,2â€Diazaphospholeneâ€Catalyzed Reductive Claisen Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8893-8897.	13.8	29
111	An Enantioselective Cp^xRh(III)â€Catalyzed CâˆH Functionalization/Ringâ€Opening Route to Chiral Cyclopentenylamines. <i>Angewandte Chemie</i> , 2019, 131, 2536-2540.	2.0	29
112	Synthesis and Biological Properties of Cylindramide Derivatives: Evidence for Calciumâ€Dependent Cytotoxicity of Tetramic Acid Lactams. <i>ChemBioChem</i> , 2008, 9, 2474-2486.	2.6	28
113	Chiral 1,3,2â€Diazaphospholenes as Catalytic Molecular Hydrides for Enantioselective Conjugate Reductions. <i>Angewandte Chemie</i> , 2018, 130, 4103-4106.	2.0	27
114	Divergent Asymmetric Synthesis of Polycyclic Compounds via Vinyl Triazenes. <i>Angewandte Chemie</i> , 2017, 129, 11648-11651.	2.0	26
115	Cobalt(III)â€Catalyzed Enantioselective Intermolecular Carboamination by CâˆH Functionalization. <i>Angewandte Chemie</i> , 2021, 133, 665-669.	2.0	24
116	Synthesis of Fijiolide A via an Atropselective Paracyclophane Formation. <i>Journal of the American Chemical Society</i> , 2015, 137, 11278-11281.	13.7	22
117	Asymmetric Alkenyl CâˆH Functionalization by Cp^xRh^{III} forms 2<i>H</i>â€Pyrrolâ€ones through [4+1]â€Annulation of Acryl Amides and Allenes. <i>Angewandte Chemie</i> , 2019, 131, 18304-18308.	2.0	22
118	Acid-Promoted Retro-Mannich Reaction of N-Protected Tropenones to 2-Substituted Pyrroles. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1397-1400.	2.4	20
119	Teaching Enantioselectivity to Câ€H Bond Functionalizations: Initial Steps of a Rather Long Shot. <i>Chimia</i> , 2012, 66, 869-872.	0.6	20
120	Enantioselective Iron-Catalyzed Cross-[4+4]-Cycloaddition of 1,3-Dienes Provides Chiral Cyclooctadienes. <i>Journal of the American Chemical Society</i> , 2020, 142, 19819-19824.	13.7	20
121	Stay positive: catalysis with 1,3,2-diazaphospholenes. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3521-3529.	4.5	20
122	Homo-Brook route to benzazocenols and congeners via allylsilane-derived aziridines. <i>Tetrahedron Letters</i> , 2001, 42, 9175-9178.	1.4	19
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125	Enantioselective palladium(0)-catalyzed Câ€H arylation strategy for chiral heterocycles. <i>Pure and Applied Chemistry</i> , 2014, 86, 265-272.	1.9	17
126	A Chiral Naphthyridine Diimine Ligand Enables Nickelâ€Catalyzed Asymmetric Alkylidenecyclopropanations. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16425-16429.	13.8	17

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128	Highly Selective Rhodium Catalyzed Domino C-H Activation/Cyclizations. <i>Chimia</i> , 2011, 65, 271-273.	0.6	14
129	Enantioselective Cp x Rh III ϵ -Catalyzed Carboaminations of Acrylates. <i>Angewandte Chemie</i> , 2020, 132, 14233-14237.	2.0	14
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131	1,3,2-Diazaphospholenes Catalyze the Conjugate Reduction of Substituted Acrylic Acids. <i>ChemCatChem</i> , 2020, 12, 4262-4266.	3.7	13
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136	Alkynyl triazenes enable divergent syntheses of 2-pyrones. <i>Chemical Science</i> , 2021, 12, 9140-9145.	7.4	9
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138	Enantioselective Construction of Indanones from Cyclobutanols Using a Rhodium-Catalyzed C-C/H/C-C Bond Activation Process. <i>Synlett</i> , 2010, 2010, 1699-1703.	1.8	8
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146	Catalytic Asymmetric Functionalization of Inert Bonds and Synthesis of Bioactive Natural Products. <i>Chimia</i> , 2011, 65, 656.	0.6	4
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148	Chiral Cyclopentadienyl Ruthenium Complexes as Versatile Catalysts for Enantioselective Transformations. <i>Chimia</i> , 2017, 71, 186.	0.6	4
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