

Gregory C Fu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2839275/publications.pdf>

Version: 2024-02-01

117
papers

21,927
citations

6250

80
h-index

17580

121
g-index

136
all docs

136
docs citations

136
times ranked

10315
citing authors

#	ARTICLE	IF	CITATIONS
1	Substrate-directable chemical reactions. <i>Chemical Reviews</i> , 1993, 93, 1307-1370.	23.0	1,413
2	The Development of Versatile Methods for Palladium-Catalyzed Coupling Reactions of Aryl Electrophiles through the Use of P(<i>i</i> -Bu) ₃ and PCy ₃ as Ligands. <i>Accounts of Chemical Research</i> , 2008, 41, 1555-1564.	7.6	693
3	A Versatile Catalyst for Heck Reactions of Aryl Chlorides and Aryl Bromides under Mild Conditions. <i>Journal of the American Chemical Society</i> , 2001, 123, 6989-7000.	6.6	670
4	A Convenient and General Method for Pd-Catalyzed Suzuki Cross-Couplings of Aryl Chlorides and Arylboronic Acids. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3387-3388.	7.2	663
5	Transition metal-catalyzed alkyl-alkyl bond formation: Another dimension in cross-coupling chemistry. <i>Science</i> , 2017, 356, .	6.0	624
6	Asymmetric copper-catalyzed C-N cross-couplings induced by visible light. <i>Science</i> , 2016, 351, 681-684.	6.0	597
7	Air-Stable Trialkylphosphonium Salts: Simple, Practical, and Versatile Replacements for Air-Sensitive Trialkylphosphines. Applications in Stoichiometric and Catalytic Processes. <i>Organic Letters</i> , 2001, 3, 4295-4298.	2.4	588
8	Asymmetric Catalysis with Planar-Chiral Derivatives of 4-(Dimethylamino)pyridine. <i>Accounts of Chemical Research</i> , 2004, 37, 542-547.	7.6	443
9	Pd(PhCN) ₂ Cl ₂ /P(<i>t</i> -Bu) ₃ : A Versatile Catalyst for Sonogashira Reactions of Aryl Bromides at Room Temperature. <i>Organic Letters</i> , 2000, 2, 1729-1731.	2.4	432
10	Photoinduced Ullmann C-N Coupling: Demonstrating the Viability of a Radical Pathway. <i>Science</i> , 2012, 338, 647-651.	6.0	431
11	Transition-Metal Catalysis of Nucleophilic Substitution Reactions: A Radical Alternative to S _N 1 and S _N 2 Processes. <i>ACS Central Science</i> , 2017, 3, 692-700.	5.3	429
12	Enantioselective Nucleophilic Catalysis with Planar-Chiral Heterocycles. <i>Accounts of Chemical Research</i> , 2000, 33, 412-420.	7.6	428
13	Enantioselective Decarboxylative Arylation of α -Amino Acids via the Merger of Photoredox and Nickel Catalysis. <i>Journal of the American Chemical Society</i> , 2016, 138, 1832-1835.	6.6	425
14	Room-Temperature Alkyl-Alkyl Suzuki Cross-Coupling of Alkyl Bromides that Possess β Hydrogens. <i>Journal of the American Chemical Society</i> , 2001, 123, 10099-10100.	6.6	403
15	Nickel-Catalyzed Negishi Arylations of Propargylic Bromides: A Mechanistic Investigation. <i>Journal of the American Chemical Society</i> , 2014, 136, 16588-16593.	6.6	362
16	Catalytic Asymmetric Synthesis of Piperidine Derivatives through the [4 + 2] Annulation of Imines with Allenes. <i>Journal of the American Chemical Society</i> , 2005, 127, 12234-12235.	6.6	354
17	Synthesis of Functionalized Cyclopentenes through Catalytic Asymmetric [3+2] Cycloadditions of Allenes with Enones. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1426-1429.	7.2	342
18	Cross-Couplings of Unactivated Secondary Alkyl Halides: A Room-Temperature Nickel-Catalyzed Negishi Reactions of Alkyl Bromides and Iodides. <i>Journal of the American Chemical Society</i> , 2003, 125, 14726-14727.	6.6	318

#	ARTICLE	IF	CITATIONS
19	Asymmetric Nickel-Catalyzed Negishi Cross-Couplings of Secondary \hat{I} -Bromo Amides with Organozinc Reagents. <i>Journal of the American Chemical Society</i> , 2005, 127, 4594-4595.	6.6	310
20	A New Family of Nucleophiles for Photoinduced, Copper-Catalyzed Cross-Couplings via Single-Electron Transfer: Reactions of Thiols with Aryl Halides Under Mild Conditions (0 \hat{A} °C). <i>Journal of the American Chemical Society</i> , 2013, 135, 9548-9552.	6.6	310
21	Effective Kinetic Resolution of Secondary Alcohols with a Planar \hat{r} Chiral Analogue of 4-(Dimethylamino)pyridine. Use of the Fe(C5Ph5) Group in Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 1997, 119, 1492-1493.	6.6	306
22	Suzuki Cross-Couplings of Unactivated Secondary Alkyl Bromides and Iodides. <i>Journal of the American Chemical Society</i> , 2004, 126, 1340-1341.	6.6	306
23	Palladium-Catalyzed Negishi Cross-Coupling Reactions of Unactivated Alkyl Iodides, Bromides, Chlorides, and Tosylates. <i>Journal of the American Chemical Society</i> , 2003, 125, 12527-12530.	6.6	288
24	Catalytic enantioconvergent coupling of secondary and tertiary electrophiles with olefins. <i>Nature</i> , 2018, 563, 379-383.	13.7	287
25	Photoinduced, Copper-Catalyzed Decarboxylative C \hat{e} -N Coupling to Generate Protected Amines: An Alternative to the Curtius Rearrangement. <i>Journal of the American Chemical Society</i> , 2017, 139, 12153-12156.	6.6	273
26	Catalytic Enantioselective Negishi Reactions of Racemic Secondary Benzylic Halides. <i>Journal of the American Chemical Society</i> , 2005, 127, 10482-10483.	6.6	263
27	Nickel-Catalyzed Asymmetric Negishi Cross-Couplings of Secondary Allylic Chlorides with Alkylzincs. <i>Journal of the American Chemical Society</i> , 2008, 130, 2756-2757.	6.6	249
28	Alkyl \hat{r} Alkyl Suzuki Cross-Couplings of Unactivated Secondary Alkyl Halides at Room Temperature. <i>Journal of the American Chemical Society</i> , 2007, 129, 9602-9603.	6.6	245
29	Enantioselective Alkyl \hat{r} Alkyl Suzuki Cross-Couplings of Unactivated Homobenzylic Halides. <i>Journal of the American Chemical Society</i> , 2008, 130, 6694-6695.	6.6	245
30	Nickel/Bis(oxazoline)-Catalyzed Asymmetric Kumada Reactions of Alkyl Electrophiles: Cross-Couplings of Racemic \hat{I} -Bromoketones. <i>Journal of the American Chemical Society</i> , 2010, 132, 1264-1266.	6.6	245
31	Suzuki Cross-Couplings of Alkyl Tosylates that Possess \hat{I}^2 Hydrogen Atoms: Synthetic and Mechanistic Studies. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3910-3912.	7.2	223
32	New Directing Groups for Metal-Catalyzed Asymmetric Carbon \hat{e} -Carbon Bond-Forming Processes: Stereoconvergent Alkyl \hat{e} -Alkyl Suzuki Cross-Couplings of Unactivated Electrophiles. <i>Journal of the American Chemical Society</i> , 2012, 134, 5794-5797.	6.6	223
33	Phosphine \hat{e} -Catalyzed Enantioselective Synthesis of Oxygen Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2225-2227.	7.2	222
34	Kinetic Resolution of Arylalkylcarbinols Catalyzed by a Planar-Chiral Derivative of DMAP: \hat{a} % A New Benchmark for Nonenzymatic Acylation. <i>Journal of Organic Chemistry</i> , 1998, 63, 2794-2795.	1.7	219
35	Nickel-Catalyzed Asymmetric Cross-Couplings of Racemic Propargylic Halides with Arylzinc Reagents. <i>Journal of the American Chemical Society</i> , 2008, 130, 12645-12647.	6.6	206
36	Application of a New Chiral Phosphepine to the Catalytic Asymmetric Synthesis of Highly Functionalized Cyclopentenes That Bear an Array of Heteroatom-Substituted Quaternary Stereocenters. <i>Journal of the American Chemical Society</i> , 2011, 133, 12293-12297.	6.6	200

#	ARTICLE	IF	CITATIONS
37	A general, modular method for the catalytic asymmetric synthesis of alkylboronate esters. <i>Science</i> , 2016, 354, 1265-1269.	6.0	200
38	Transition-Metal-Catalyzed Alkylations of Amines with Alkyl Halides: Photoinduced, Copper-Catalyzed Couplings of Carbazoles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5129-5133.	7.2	198
39	Asymmetric Suzuki Cross-Couplings of Activated Secondary Alkyl Electrophiles: Arylations of Racemic β -Chloroamides. <i>Journal of the American Chemical Society</i> , 2010, 132, 11027-11029.	6.6	192
40	Photoinduced, Copper-Catalyzed Alkylation of Amides with Unactivated Secondary Alkyl Halides at Room Temperature. <i>Journal of the American Chemical Society</i> , 2014, 136, 2162-2167.	6.6	191
41	Applications of Planar-Chiral Heterocycles as Ligands in Asymmetric Catalysis. <i>Accounts of Chemical Research</i> , 2006, 39, 853-860.	7.6	187
42	Stille Cross-Couplings of Unactivated Secondary Alkyl Halides Using Monoorganotin Reagents. <i>Journal of the American Chemical Society</i> , 2005, 127, 510-511.	6.6	183
43	Phosphine-Catalyzed Formation of Carbon-Sulfur Bonds: Catalytic Asymmetric Synthesis of β -Thioesters. <i>Journal of the American Chemical Society</i> , 2010, 132, 4568-4569.	6.6	181
44	Stereoconvergent Amine-Directed Alkyl-Alkyl Suzuki Reactions of Unactivated Secondary Alkyl Chlorides. <i>Journal of the American Chemical Society</i> , 2011, 133, 8154-8157.	6.6	176
45	A Versatile Approach to Ullmann C-N Couplings at Room Temperature: New Families of Nucleophiles and Electrophiles for Photoinduced, Copper-Catalyzed Processes. <i>Journal of the American Chemical Society</i> , 2013, 135, 13107-13112.	6.6	176
46	Catalytic Asymmetric β -Alkylation of Carbonyl Compounds via Stereoconvergent Suzuki Cross-Couplings. <i>Journal of the American Chemical Society</i> , 2011, 133, 15362-15364.	6.6	172
47	Catalytic Enantioselective Cross-Couplings of Secondary Alkyl Electrophiles with Secondary Alkylmetal Nucleophiles: Negishi Reactions of Racemic Benzylic Bromides with Achiral Alkylzinc Reagents. <i>Journal of the American Chemical Society</i> , 2012, 134, 17003-17006.	6.6	172
48	Asymmetric Alkyl-Alkyl Cross-Couplings of Unactivated Secondary Alkyl Electrophiles: Stereoconvergent Suzuki Reactions of Racemic Acylated Halohydrins. <i>Journal of the American Chemical Society</i> , 2010, 132, 11908-11909.	6.6	167
49	Dynamic Kinetic Resolutions Catalyzed by a Planar-Chiral Derivative of DMAP: Enantioselective Synthesis of Protected β -Amino Acids from Racemic Azlactones. <i>Journal of Organic Chemistry</i> , 1998, 63, 3154-3155.	1.7	166
50	Enantioconvergent Cross-Couplings of Racemic Alkylmetal Reagents with Unactivated Secondary Alkyl Electrophiles: Catalytic Asymmetric Negishi β -Alkylations of <i>N</i> -Boc-pyrrolidine. <i>Journal of the American Chemical Society</i> , 2013, 135, 10946-10949.	6.6	166
51	Asymmetric Carbon-Carbon Bond Formation β to a Carbonyl Group: Phosphine-Catalyzed Addition of Nitromethane to Allenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 14231-14233.	6.6	161
52	Catalyst-controlled doubly enantioconvergent coupling of racemic alkyl nucleophiles and electrophiles. <i>Science</i> , 2020, 367, 559-564.	6.0	143
53	A Versatile New Catalyst for the Enantioselective Isomerization of Allylic Alcohols to Aldehydes: Scope and Mechanistic Studies. <i>Journal of Organic Chemistry</i> , 2001, 66, 8177-8186.	1.7	141
54	Enantioselective Alkenylation via Nickel-Catalyzed Cross-Coupling with Organozirconium Reagents. <i>Journal of the American Chemical Society</i> , 2010, 132, 5010-5011.	6.6	137

#	ARTICLE	IF	CITATIONS
55	A surprisingly mild and versatile method for palladium-catalyzed Suzuki cross-couplings of aryl chlorides in the presence of a triarylphosphine. Electronic supplementary information (ESI) available: experimental procedures and compound characterization data. See http://www.rsc.org/suppdata/cc/b1/b107888g/ . <i>Chemical Communications</i> , 2001, , 2408-2409.	2.2	134
56	Use of a New Spirophosphine To Achieve Catalytic Enantioselective [4 + 1] Annulations of Amines with Allenes To Generate Dihydropyrroles. <i>Journal of the American Chemical Society</i> , 2015, 137, 3803-3806.	6.6	123
57	Mechanistic Investigation of Enantioconvergent Kumada Reactions of Racemic $\hat{\pm}$ -Bromoketones Catalyzed by a Nickel/Bis(oxazoline) Complex. <i>Journal of the American Chemical Society</i> , 2019, 141, 15433-15440.	6.6	123
58	The First Application of a Planar-Chiral Phosphorus Heterocycle in Asymmetric Catalysis: $\hat{\%}$ Enantioselective Hydrogenation of Dehydroamino Acids. <i>Journal of Organic Chemistry</i> , 1998, 63, 4168-4169.	1.7	118
59	Nickel-Catalyzed Enantioselective Cross-Couplings of Racemic Secondary Electrophiles That Bear an Oxygen Leaving Group. <i>Journal of the American Chemical Society</i> , 2012, 134, 2966-2969.	6.6	118
60	Stereoconvergent Negishi Arylations of Racemic Secondary Alkyl Electrophiles: Differentiating between a CF ₃ and an Alkyl Group. <i>Journal of the American Chemical Society</i> , 2015, 137, 9523-9526.	6.6	117
61	Catalytic Asymmetric C-N Bond Formation: Phosphine-Catalyzed Intra- and Intermolecular $\hat{3}$ -Addition of Nitrogen Nucleophiles to Allenates and Alkynoates. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2525-2528.	7.2	116
62	Photoinduced copper-catalysed asymmetric amidation via ligand cooperativity. <i>Nature</i> , 2021, 596, 250-256.	13.7	116
63	Copper-Catalyzed Alkylation of Aliphatic Amines Induced by Visible Light. <i>Journal of the American Chemical Society</i> , 2017, 139, 17707-17710.	6.6	115
64	A Mild, Palladium-Catalyzed Method for the Dehydrohalogenation of Alkyl Bromides: Synthetic and Mechanistic Studies. <i>Journal of the American Chemical Society</i> , 2012, 134, 14232-14237.	6.6	113
65	Design of a Photoredox Catalyst that Enables the Direct Synthesis of Carbamate-Protected Primary Amines via Photoinduced, Copper-Catalyzed <i>N</i> -Alkylation Reactions of Unactivated Secondary Halides. <i>Journal of the American Chemical Society</i> , 2017, 139, 18101-18106.	6.6	110
66	The kinetic resolution of allylic alcohols by a non-enzymatic acylation catalyst; application to natural product synthesis. <i>Chemical Communications</i> , 2000, , 1009-1010.	2.2	107
67	Photoinduced, Copper-Catalyzed Carbon-Carbon Bond Formation with Alkyl Electrophiles: Cyanation of Unactivated Secondary Alkyl Chlorides at Room Temperature. <i>Journal of the American Chemical Society</i> , 2015, 137, 13902-13907.	6.6	107
68	Nickel-Catalyzed Negishi Cross-Couplings of Secondary Nucleophiles with Secondary Propargylic Electrophiles at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9334-9336.	7.2	106
69	Biphenyl-Derived Phosphines as Chiral Nucleophilic Catalysts: Enantioselective [4+1] Annulations To Form Functionalized Cyclopentenones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13183-13187.	7.2	104
70	Silicon-Carbon Bond Formation via Nickel-Catalyzed Cross-Coupling of Silicon Nucleophiles with Unactivated Secondary and Tertiary Alkyl Electrophiles. <i>Journal of the American Chemical Society</i> , 2016, 138, 6404-6407.	6.6	104
71	Phosphine-Catalyzed Enantioselective Intramolecular [3+2] Annulations To Generate Fused Ring Systems. <i>Journal of the American Chemical Society</i> , 2015, 137, 4587-4591.	6.6	103
72	Phosphine-catalyzed asymmetric additions of malonate esters to $\hat{\text{A}}$ -substituted allenates and allenamides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20652-20654.	3.3	100

#	ARTICLE	IF	CITATIONS
73	Chemistry of Borabenzene: An Efficient and General Synthesis of New Neutral Borabenzene Ligand Complexes. <i>Organometallics</i> , 1996, 15, 1315-1318.	1.1	99
74	Visible-Light-Induced, Copper-Catalyzed Three-Component Coupling of Alkyl Halides, Olefins, and Trifluoromethylthiolate To Generate Trifluoromethyl Thioethers. <i>ACS Catalysis</i> , 2018, 8, 11741-11748.	5.5	94
75	Convergent Catalytic Asymmetric Synthesis of Esters of Chiral Dialkyl Carbinols. <i>Journal of the American Chemical Society</i> , 2020, 142, 5870-5875.	6.6	93
76	Oxygen nucleophiles as reaction partners in photoinduced, copper-catalyzed cross-couplings: O-arylations of phenols at room temperature. <i>Chemical Science</i> , 2014, 5, 2831-2835.	3.7	89
77	Photoinduced, Copper-Catalyzed Alkylation of Amines: A Mechanistic Study of the Cross-Coupling of Carbazole with Alkyl Bromides. <i>Journal of the American Chemical Society</i> , 2017, 139, 12716-12723.	6.6	89
78	Organotin Hydride Catalyzed Carbon-Carbon Bond Formation: A Radical-Mediated Reductive Cyclization of Enals and Enones. <i>Journal of Organic Chemistry</i> , 1996, 61, 4-5.	1.7	86
79	Nonenzymatic Dynamic Kinetic Resolution of Secondary Alcohols via Enantioselective Acylation: Synthetic and Mechanistic Studies. <i>Journal of the American Chemical Society</i> , 2012, 134, 15149-15153.	6.6	86
80	Synthesis and Application of Planar-Chiral Phosphaferrocene-Oxazolines, a New Class of P,N-Ligands. <i>Organic Letters</i> , 2000, 2, 3695-3697.	2.4	82
81	A mechanistic investigation of the photoinduced, copper-mediated cross-coupling of an aryl thiol with an aryl halide. <i>Chemical Science</i> , 2016, 7, 4091-4100.	3.7	82
82	Synthesis, resolution and crystallographic characterization of a new C2-symmetric planar-chiral bipyridine ligand: application to the catalytic enantioselective cyclopropanation of olefins. <i>Chemical Communications</i> , 2000, , 377-378.	2.2	79
83	Bu ₃ SnH-Catalyzed Reduction of Nitroalkanes to Alkanes. <i>Journal of Organic Chemistry</i> , 1998, 63, 5296-5297.	1.7	75
84	Phosphine-Catalyzed Doubly Stereoconvergent $\hat{1}^3$ -Additions of Racemic Heterocycles to Racemic Allenates: The Catalytic Enantioselective Synthesis of Protected $\hat{1}^{\pm}$, $\hat{1}^{\pm}$ -Disubstituted $\hat{1}^{\pm}$ -Amino Acid Derivatives. <i>Journal of the American Chemical Society</i> , 2015, 137, 9438-9442.	6.6	75
85	Development of Bu ₃ SnH-Catalyzed Processes: An Efficient Reduction of Azides to Amines. <i>Journal of Organic Chemistry</i> , 1998, 63, 2796-2797.	1.7	74
86	Control of Vicinal Stereocenters through Nickel-Catalyzed Alkyl-Alkyl Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5821-5824.	7.2	74
87	Enantioselective carbon-sulfur bond formation: $\hat{1}^3$ additions of aryl thiols to allenates catalyzed by a chiral phosphine. <i>Chemical Science</i> , 2011, 2, 2196.	3.7	72
88	Hydroboration of Olefins with Catecholborane at Room Temperature in the Presence of N,N-Dimethylacetamide. <i>Journal of Organic Chemistry</i> , 1996, 61, 3224-3225.	1.7	67
89	Quaternary stereocentres via catalytic enantioconvergent nucleophilic substitution reactions of tertiary alkyl halides. <i>Nature Chemistry</i> , 2021, 13, 236-242.	6.6	63
90	Enantioconvergent Cross-Couplings of Alkyl Electrophiles: The Catalytic Asymmetric Synthesis of Organosilanes. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3571-3574.	7.2	58

#	ARTICLE	IF	CITATIONS
91	Nickel-Catalyzed Alkyl-Alkyl Cross-Couplings of Fluorinated Secondary Electrophiles: A General Approach to the Synthesis of Compounds having a Perfluoroalkyl Substituent. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9047-9051.	7.2	57
92	Enantioconvergent Alkylations of Amines by Alkyl Electrophiles: Copper-Catalyzed Nucleophilic Substitutions of Racemic \pm -Halolactams by Indoles. <i>Journal of the American Chemical Society</i> , 2019, 141, 14864-14869.	6.6	53
93	Nickel-Catalyzed Enantioconvergent Borylation of Racemic Secondary Benzylic Electrophiles. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14529-14532.	7.2	51
94	Recent Advances in Rhodium(I)-Catalyzed Asymmetric Olefin Isomerization and Hydroacylation Reactions. , 2005, , 79-91.		47
95	Photoinduced, Copper-Catalyzed Enantioconvergent Alkylations of Anilines by Racemic Tertiary Electrophiles: Synthesis and Mechanism. <i>Journal of the American Chemical Society</i> , 2022, 144, 4550-4558.	6.6	47
96	Exploiting $\hat{1}$ -5- to $\hat{1}$ -3-Indenyl Ring Slippage to Access a Directed Reaction: \hat{a} % Ether-Directed, Rhodium-Catalyzed Olefin Hydroboration. <i>Journal of Organic Chemistry</i> , 1998, 63, 1370-1371.	1.7	45
97	Asymmetric Synthesis of Protected Unnatural \pm -Amino Acids via Enantioconvergent Nickel-Catalyzed Cross-Coupling. <i>Journal of the American Chemical Society</i> , 2021, 143, 8614-8618.	6.6	45
98	Catalytic Enantioselective Carbon-Oxygen Bond Formation: Phosphine-Catalyzed Synthesis of Benzylic Ethers via the Oxidation of Benzylic C-H Bonds. <i>Journal of the American Chemical Society</i> , 2016, 138, 12069-12072.	6.6	42
99	Synthesis, Resolution, and Crystallographic Characterization of a C ₂ -Symmetric Diphosphaferrocene. <i>Organometallics</i> , 1998, 17, 773-774.	1.1	37
100	The First General Method for the Synthesis of Transition-Metal η^6 Complexes of an Electronically Diverse Family of 1,2-Azaborolyls. <i>Organometallics</i> , 2002, 21, 4323-4325.	1.1	36
101	The Asymmetric Synthesis of Amines via Nickel-Catalyzed Enantioconvergent Substitution Reactions. <i>Journal of the American Chemical Society</i> , 2021, 143, 2930-2937.	6.6	36
102	Synthesis, Structure, and Reactivity of C ₂ -Symmetric Bis(phospholyl)zirconium and Bis(phospholyl)hafnium Complexes. <i>Organometallics</i> , 2001, 20, 3453-3458.	1.1	33
103	Synthesis and Structure of Borabenzene- η^4 -Phenylpyridine, a Heterocyclic Analogue of p-Terphenyl. <i>Organometallics</i> , 1997, 16, 1501-1502.	1.1	31
104	From the Design of a Chiral Lewis Acid Catalyst to Metal-Catalyzed Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2004, 69, 3245-3249.	1.7	30
105	Investigation of the C-N Bond-Forming Step in a Photoinduced, Copper-Catalyzed Enantioconvergent N-Alkylation: Characterization and Application of a Stabilized Organic Radical as a Mechanistic Probe. <i>Journal of the American Chemical Society</i> , 2022, 144, 4114-4123.	6.6	27
106	Caution in the Use of Nonlinear Effects as a Mechanistic Tool for Catalytic Enantioconvergent Reactions: Intrinsic Negative Nonlinear Effects in the Absence of Higher-Order Species. <i>Journal of the American Chemical Society</i> , 2017, 139, 4225-4229.	6.6	21
107	Control of Vicinal Stereocenters through Nickel-Catalyzed Alkyl-Alkyl Cross-Coupling. <i>Angewandte Chemie</i> , 2017, 129, 5915-5918.	1.6	21
108	First synthesis and resolution of a planar-chiral tetrahydroindolyl complex of iron: Electronic tuning of reactivity and enantioselective nucleophilic catalysis. <i>Chirality</i> , 2000, 12, 318-324.	1.3	18

#	ARTICLE	IF	CITATIONS
109	Enantioconvergent Cross-Couplings of Alkyl Electrophiles: The Catalytic Asymmetric Synthesis of Organosilanes. <i>Angewandte Chemie</i> , 2019, 131, 3609-3612.	1.6	14
110	Asymmetric catalysis with "planar-chiral" heterocycles. <i>Pure and Applied Chemistry</i> , 2001, 73, 347-349.	0.9	13
111	Nickel-Catalyzed Enantioconvergent Borylation of Racemic Secondary Benzylic Electrophiles. <i>Angewandte Chemie</i> , 2018, 130, 14737-14740.	1.6	10
112	A Convenient and General Method for Pd-Catalyzed Suzuki Cross-Couplings of Aryl Chlorides and Arylboronic Acids. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3387-3388.	7.2	8
113	Applications of "planar-chiral" heterocycles in asymmetric catalysis. <i>Pure and Applied Chemistry</i> , 2001, 73, 1113-1116.	0.9	7
114	New applications of organometallic catalysts in organic chemistry. <i>Pure and Applied Chemistry</i> , 2002, 74, 33-36.	0.9	7
115	NICKEL-CATALYZED ENANTIOSELECTIVE NEGISHI CROSS-COUPPLINGS OF RACEMIC SECONDARY β -BROMO AMIDES WITH ALKYLZINC REAGENTS: (S)-N-BENZYL-7-CYANO-2-ETHYL-N-PHENYLHEPTANAMIDE. <i>Organic Syntheses</i> , 2010, 87, 330.	1.0	4
116	First synthesis and resolution of a planar-chiral tetrahydroindolyl complex of iron: Electronic tuning of reactivity and enantioselective nucleophilic catalysis. , 2000, 12, 318.		1
117	Synthesis of Chiral Diamine Ligands for Nickel-catalyzed Asymmetric Cross-couplings of Alkylchloroboronate Esters with Alkylzincs: (1R,2R)-N,N TM -Dimethyl-1,2-bis(2-methylphenyl)-1,2-diaminoethane. <i>Organic Syntheses</i> , 2019, 96, 245-257.	1.0	1