

# Ruben Martin

## List of Publications by Year in descending order

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129  
papers

17,656  
citations

11651

70  
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13379

130  
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188  
all docs

188  
docs citations

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times ranked

9718  
citing authors

#	ARTICLE	IF	CITATIONS
1	Defunctionalization of $sp^3$ C-Heteroatom and $sp^3$ C-C Bonds Enabled by Photoexcited Triplet Ketone Catalysts. ACS Catalysis, 2022, 12, 1031-1036.	11.2	14
2	Enantioselective Deaminative Alkylation of Amino Acid Derivatives with Unactivated Olefins. Journal of the American Chemical Society, 2022, 144, 1130-1137.	13.7	52
3	Redox-Neutral Ni-Catalyzed $sp^3$ C-H Alkylation of $\hat{\pm}$ -Olefins with Unactivated Alkyl Bromides. ACS Catalysis, 2022, 12, 3815-3820.	11.2	18
4	Dihydroquinazolinones as adaptative $C(sp^3)$ handles in arylations and alkylations via dual catalytic C-C bond-functionalization. Nature Communications, 2022, 13, 2394.	12.8	27
5	Catalytic Hydrodifluoroalkylation of Unactivated Olefins. Organic Letters, 2022, 24, 5109-5114.	4.6	24
6	Room-Temperature-Stable Magnesium Electride via Ni(II) Reduction. Journal of the American Chemical Society, 2022, 144, 13109-13117.	13.7	16
7	Deciphering the dichotomy exerted by Zn(ii) in the catalytic $sp^2$ C=O bond functionalization of aryl esters at the molecular level. Nature Catalysis, 2021, 4, 124-133.	34.4	31
8	Ni-Catalyzed Carboxylation of Aziridines en Route to $\hat{2}$ -Amino Acids. Journal of the American Chemical Society, 2021, 143, 4949-4954.	13.7	43
9	Nickel-Catalyzed Photodehalogenation of Aryl Bromides. Synlett, 2021, 32, 1633-1636.	1.8	6
10	Site-Selective Defluorinative $sp^3$ C-H Alkylation of Secondary Amides. Journal of the American Chemical Society, 2021, 143, 6395-6400.	13.7	128
11	<i>sp</i> <sup>3</sup> <i>Bis</i> Organometallic Reagents via Catalytic 1,1-Difunctionalization of Unactivated Olefins. Angewandte Chemie - International Edition, 2021, 60, 11740-11744.	13.8	49
12	<i>sp</i> <sup>3</sup> <i>Bis</i> Organometallic Reagents via Catalytic 1,1-Difunctionalization of Unactivated Olefins. Angewandte Chemie, 2021, 133, 11846-11850.	2.0	11
13	Mechanistic Studies into Visible Light-Driven Carboxylation of Aryl Halides/Triflates by the Combined Use of Palladium and Photoredox Catalysts. Bulletin of the Chemical Society of Japan, 2021, 94, 1846-1853.	3.2	10
14	Ligand-Controlled Regiodivergent Catalytic Amidation of Unactivated Secondary Alkyl Bromides. ACS Catalysis, 2021, 11, 10223-10227.	11.2	26
15	Low-Valent Tungsten Catalysis Enables Site-Selective Isomerization-Hydroboration of Unactivated Alkenes. Journal of the American Chemical Society, 2021, 143, 14981-14986.	13.7	38
16	Nickel-Catalyzed Reductive Carboxylation and Amidation Reactions. Accounts of Chemical Research, 2021, 54, 3941-3952.	15.6	51
17	Nickel-Catalyzed <i>ipso/ortho</i> Difunctionalization of Aryl Bromides with Alkynes and Alkyl Bromides via a Vinyl-to-Aryl 1,4-Hydride Shift. Journal of the American Chemical Society, 2021, 143, 20064-20070.	13.7	23
18	The road to industrialization of fine chemical carboxylation reactions. Chem, 2021, 7, 2927-2942.	11.7	40

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19	Tackling Remote $\text{C}(\text{sp}^3)$ $\text{C}^{\sim}\text{H}$ Functionalization via $\text{Ni}^{\text{II}}$ -Catalyzed "chain-walking" Reactions. <i>Israel Journal of Chemistry</i> , 2020, 60, 195-206.	2.3	156
20	Site-Selective 1,2-Dicarbonylfunctionalization of Vinyl Boronates through Dual Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 4400-4404.	2.0	25
21	Stereoselective Base-Catalyzed 1,1-Silaboration of Terminal Alkynes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2061-2065.	13.8	25
22	Site-Selective 1,2-Dicarbonylfunctionalization of Vinyl Boronates through Dual Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4370-4374.	13.8	115
23	Stereoselective Base-Catalyzed 1,1-Silaboration of Terminal Alkynes. <i>Angewandte Chemie</i> , 2020, 132, 2077-2081.	2.0	3
24	Dual Catalytic Strategy for Forging $\text{sp}^2$ and $\text{sp}^3$ Architectures via $\text{I}^2$ -Scission of Aliphatic Alcohol Derivatives. <i>Journal of the American Chemical Society</i> , 2020, 142, 20594-20599.	13.7	81
25	Remote $\text{sp}^2$ $\text{C}^{\sim}\text{H}$ Carboxylation via Catalytic 1,4-Ni Migration with $\text{CO}_2$ . <i>Journal of the American Chemical Society</i> , 2020, 142, 16234-16239.	13.7	57
26	$\text{Ni}(\text{I})$ -Alkyl Complexes Bearing Phenanthroline Ligands: Experimental Evidence for $\text{CO}_2$ Insertion at $\text{Ni}(\text{I})$ Centers. <i>Journal of the American Chemical Society</i> , 2020, 142, 10936-10941.	13.7	59
27	Dual Catalytic Platform for Enabling $\text{sp}^3$ $\text{C}^{\sim}\text{H}$ Arylation and Alkylation of Benzamides. <i>ACS Catalysis</i> , 2020, 10, 4671-4676.	11.2	94
28	$\text{Ni}$ -Catalyzed Carboxylation of $\text{C}(\text{sp}^2)$ $\text{C}^{\sim}\text{S}$ Bonds with $\text{CO}_2$ : Evidence for the Multifaceted Role of $\text{Zn}$ . <i>ACS Catalysis</i> , 2020, 10, 2117-2123.	11.2	50
29	Site-Selective Catalytic Deaminative Alkylation of Unactivated Olefins. <i>Journal of the American Chemical Society</i> , 2019, 141, 16197-16201.	13.7	169
30	Catalytic Decarboxylation/Carboxylation Platform for Accessing Isotopically Labeled Carboxylic Acids. <i>ACS Catalysis</i> , 2019, 9, 5897-5901.	11.2	51
31	Site-Selective, Remote $\text{sp}^3$ $\text{C}^{\sim}\text{H}$ Carboxylation Enabled by the Merger of Photoredox and Nickel Catalysis. <i>Chemistry - A European Journal</i> , 2019, 25, 9001-9005.	3.3	78
32	N-Containing Heterocycles on Demand by Merging $\text{Ni}$ Catalysis and Photoredox PCET. <i>CheM</i> , 2019, 5, 254-256.	11.7	11
33	$\text{Ni}$ -catalyzed Reductive Deaminative Arylation at $\text{sp}^3$ Carbon Centers. <i>Organic Letters</i> , 2019, 21, 2947-2951.	4.6	97
34	Base-Mediated Defluorosilylation of $\text{C}(\text{sp}^2)$ $\text{C}^{\sim}\text{F}$ and $\text{C}(\text{sp}^3)$ $\text{C}^{\sim}\text{F}$ Bonds. <i>Angewandte Chemie</i> , 2019, 131, 2086-2090.	2.0	17
35	A Mild and Direct Site-Selective $\text{sp}^2$ $\text{C}^{\sim}\text{H}$ Silylation of (Poly)Azines. <i>Journal of the American Chemical Society</i> , 2019, 141, 127-132.	13.7	56
36	Base-Mediated Defluorosilylation of $\text{C}(\text{sp}^2)$ $\text{C}^{\sim}\text{F}$ and $\text{C}(\text{sp}^3)$ $\text{C}^{\sim}\text{F}$ Bonds. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2064-2068.	13.8	66

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37	Forging Amides Through Metal-Catalyzed C-C Coupling with Isocyanates. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3051-3064.	2.4	44
38	Nickel-Catalyzed Umpolung Arylation of Ambiphilic $\beta$ -Bromoalkyl Boronic Esters. <i>Angewandte Chemie</i> , 2018, 130, 3684-3687.	2.0	21
39	Nickel-Catalyzed Umpolung Arylation of Ambiphilic $\beta$ -Bromoalkyl Boronic Esters. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3622-3625.	13.8	66
40	Ni-Catalyzed Site-Selective Dicarboxylation of 1,3-Dienes with CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2018, 140, 2050-2053.	13.7	119
41	Walking Metals for Remote Functionalization. <i>ACS Central Science</i> , 2018, 4, 153-165.	11.3	398
42	Transition-Metal-Catalyzed Carboxylation Reactions with Carbon Dioxide. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15948-15982.	13.8	488
43	Åbergangsmetallkatalysierte Carboxylierungen mit Kohlendioxid. <i>Angewandte Chemie</i> , 2018, 130, 16178-16214.	2.0	105
44	Site-Selective Ni-Catalyzed Reductive Coupling of $\beta$ -Haloboranes with Unactivated Olefins. <i>Journal of the American Chemical Society</i> , 2018, 140, 12765-12769.	13.7	208
45	<i>sp</i> <sup>3</sup> C-H Arylation and Alkylation Enabled by the Synergy of Triplet Excited Ketones and Nickel Catalysts. <i>Journal of the American Chemical Society</i> , 2018, 140, 12200-12209.	13.7	271
46	Intermediacy of Ni <sup>II</sup> Species in <i>sp</i> <sup>2</sup> C-O Bond Cleavage of Aryl Esters: Relevance in Catalytic C-Si Bond Formation. <i>Journal of the American Chemical Society</i> , 2018, 140, 8771-8780.	13.7	85
47	Ni-Catalyzed Stannylation of Aryl Esters via C-O Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3187-3190.	13.8	63
48	Bildung von C-C-Bindungen durch Decarbonylierung von Arylketonen. <i>Angewandte Chemie</i> , 2017, 129, 6810-6812.	2.0	1
49	Switchable Site-Selective Catalytic Carboxylation of Allylic Alcohols with CO <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6558-6562.	13.8	97
50	Forging C-C Bonds Through Decarbonylation of Aryl Ketones. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6708-6710.	13.8	32
51	Remote carboxylation of halogenated aliphatic hydrocarbons with carbon dioxide. <i>Nature</i> , 2017, 545, 84-88.	27.8	393
52	Switchable Site-Selective Catalytic Carboxylation of Allylic Alcohols with CO <sub>2</sub> . <i>Angewandte Chemie</i> , 2017, 129, 6658-6662.	2.0	29
53	Ni-Catalyzed Stannylation of Aryl Esters via C-O Bond Cleavage. <i>Angewandte Chemie</i> , 2017, 129, 3235-3238.	2.0	13
54	Visible-Light-Promoted Atom Transfer Radical Cyclization of Unactivated Alkyl Iodides. <i>ACS Catalysis</i> , 2017, 7, 409-412.	11.2	80

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55	A Mild and Ligand-Free Ni-Catalyzed Silylation via C–OMe Cleavage. <i>Journal of the American Chemical Society</i> , 2017, 139, 1191-1197.	13.7	120
56	Catalytic Intermolecular Dicarbofunctionalization of Styrenes with CO <sub>2</sub> and Radical Precursors. <i>Angewandte Chemie</i> , 2017, 129, 11055-11059.	2.0	72
57	Catalytic Intermolecular Dicarbofunctionalization of Styrenes with CO <sub>2</sub> and Radical Precursors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10915-10919.	13.8	235
58	Site-Selective Catalytic Carboxylation of Unsaturated Hydrocarbons with CO <sub>2</sub> and Water. <i>Journal of the American Chemical Society</i> , 2017, 139, 12161-12164.	13.7	257
59	Visible-Light-Driven Carboxylation of Aryl Halides by the Combined Use of Palladium and Photoredox Catalysts. <i>Journal of the American Chemical Society</i> , 2017, 139, 9467-9470.	13.7	221
60	Versatile synthesis and enlargement of functionalized distorted heptagon-containing nanographenes. <i>Chemical Science</i> , 2017, 8, 1068-1074.	7.4	100
61	Nickel-Catalyzed Carboxylation of Benzylic C–N Bonds with CO <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5053-5057.	13.8	178
62	Phenol Derivatives. <i>Advances in Organometallic Chemistry</i> , 2016, 66, 143-222.	1.0	74
63	Pd-Catalyzed C(sp <sup>3</sup> )–H Functionalization/Carbenoid Insertion: All-Carbon Quaternary Centers via Multiple C–C Bond Formation. <i>Journal of the American Chemical Society</i> , 2016, 138, 6384-6387.	13.7	117
64	Nickel-Catalyzed Reductive Carboxylation of Cyclopropyl Motifs with Carbon Dioxide. <i>Synthesis</i> , 2016, 48, 2816-2822.	2.3	27
65	 Nickel-Catalyzed Reductive Amidation of Unactivated Alkyl Bromides ( <i>Angew. Chem.</i> ) Tj ETQq1 1 0,784314 rgBT /Ov...	2.0	15
66	Metal-Catalyzed Carboxylation of Organic (Pseudo)halides with CO <sub>2</sub> . <i>ACS Catalysis</i> , 2016, 6, 6739-6749.	11.2	308
67	Nickel-Catalyzed Reductive Amidation of Unactivated Alkyl Bromides. <i>Angewandte Chemie</i> , 2016, 128, 11373-11377.	2.0	15
68	Nickel-Catalyzed Reductive Amidation of Unactivated Alkyl Bromides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11207-11211.	13.8	67
69	Alkyl Bromides as Mild Hydride Sources in Ni-Catalyzed Hydroamidation of Alkynes with Isocyanates. <i>Journal of the American Chemical Society</i> , 2016, 138, 15531-15534.	13.7	85
70	Nickel-Catalyzed Carboxylation of Benzylic C–N Bonds with CO <sub>2</sub> . <i>Angewandte Chemie</i> , 2016, 128, 5137-5141.	2.0	47
71	Ni-Catalyzed Carboxylation of Unactivated Alkyl Chlorides with CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2016, 138, 7504-7507.	13.7	174
72	Ni- and Fe-catalyzed Carboxylation of Unsaturated Hydrocarbons with CO <sub>2</sub> . <i>Topics in Current Chemistry</i> , 2016, 374, 45.	5.8	69

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73	Nickel-Catalyzed Chemo-, Regio- and Diastereoselective Bond Formation through Proximal C-C Cleavage of Benzocyclobutenones. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9537-9541.	13.8	84
74	Ni-Catalyzed Divergent Cyclization/Carboxylation of Unactivated Primary and Secondary Alkyl Halides with CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2015, 137, 6476-6479.	13.7	150
75	Nickel-Catalyzed Enantioselective C-C Bond Formation through C-O Cleavage in Aryl Esters. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4075-4078.	13.8	101
76	Ni-Catalyzed Regioselective Hydrocarboxylation of Alkynes with CO <sub>2</sub> by Using Simple Alcohols as Proton Sources. <i>Journal of the American Chemical Society</i> , 2015, 137, 8924-8927.	13.7	174
77	<i>in situ</i> Borylation of Aryl Ethers via Ni-Catalyzed C-OMe Cleavage. <i>Journal of the American Chemical Society</i> , 2015, 137, 6754-6757.	13.7	170
78	Ni-Catalyzed Borylation of Aryl Fluorides via C-F Cleavage. <i>Journal of the American Chemical Society</i> , 2015, 137, 12470-12473.	13.7	201
79	Ligand-Controlled Regiodivergent Ni-Catalyzed Reductive Carboxylation of Allyl Esters with CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2014, 136, 17702-17705.	13.7	173
80	Ni-Catalyzed Direct Reductive Amidation via C=O Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2014, 136, 7253-7256.	13.7	134
81	Ni-Catalyzed Carboxylation of C(sp <sup>2</sup> ) and C(sp <sup>3</sup> ) C=O Bonds with CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2014, 136, 1062-1069.	13.7	285
82	Metal-catalyzed activation of ethers via C=O bond cleavage: a new strategy for molecular diversity. <i>Chemical Society Reviews</i> , 2014, 43, 8081-8097.	38.1	553
83	Ni-Catalyzed Carboxylation of Unactivated Primary Alkyl Bromides and Sulfonates with CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2014, 136, 11212-11215.	13.7	186
84	Mild Aryl-Catalyzed C(sp <sup>2</sup> ) or C(sp <sup>3</sup> ) C-H Functionalization/C-O Formation: An Intriguing Catalyst-Controlled Selectivity Switch. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11084-11087.	13.8	74
85	A Mild Ni/Cu-Catalyzed Silylation via C-O Cleavage. <i>Journal of the American Chemical Society</i> , 2014, 136, 2236-2239.	13.7	194
86	Metal-Catalyzed Reductive Coupling Reactions of Organic Halides with Carbonyl-Type Compounds. <i>Chemistry - A European Journal</i> , 2014, 20, 8242-8258.	3.3	410
87	Stereoselective Synthesis of 2-Acetamido-1,2-dideoxyallonojirimycin (DAJNac), a New Potent Hexosaminidase Inhibitor. <i>Organic Letters</i> , 2013, 15, 3638-3641.	4.6	16
88	Formal $\beta$ -alkynylation of ketones via Pd-catalyzed C-C cleavage. <i>Chemical Communications</i> , 2013, 49, 4286-4288.	4.1	64
89	Fe-Catalyzed Regiodivergent [1,2]-Shift of $\beta$ -Aryl Aldehydes. <i>Journal of the American Chemical Society</i> , 2013, 135, 12576-12579.	13.7	47
90	Combined Experimental and Theoretical Study on the Reductive Cleavage of Inert C=O Bonds with Silanes: Ruling out a Classical Ni(0)/Ni(II) Catalytic Couple and Evidence for Ni(I) Intermediates. <i>Journal of the American Chemical Society</i> , 2013, 135, 1997-2009.	13.7	358

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91	Ni-Catalyzed Stereoselective Arylation of Inert C–O bonds at Low Temperatures. <i>Organic Letters</i> , 2013, 15, 6298-6301.	4.6	89
92	Nickel-Catalyzed Decarbonylative C–H Coupling Reactions: A Strategy for Preparing Bis(heteroaryl) Backbones. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1878-1880.	13.8	72
93	Ni-Catalyzed Direct Carboxylation of Benzyl Halides with CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2013, 135, 1221-1224.	13.7	262
94	Cu-Catalyzed Mild C(sp <sup>2</sup> )–H Functionalization Assisted by Carboxylic Acids en Route to Hydroxylated Arenes. <i>Journal of the American Chemical Society</i> , 2013, 135, 9350-9353.	13.7	166
95	Recent Advances in the Synthesis and Application of Benzocyclobutenones and Related Compounds. <i>Synthesis</i> , 2013, 45, 563-580.	2.3	49
96	Ligand-Accelerated Pd-Catalyzed Ketone $\alpha$ -Arylation via C–C Cleavage with Aryl Chlorides. <i>Organic Letters</i> , 2012, 14, 1266-1269.	4.6	100
97	Ligand-Free Ni-Catalyzed Reductive Cleavage of Inert Carbon–Sulfur Bonds. <i>Organic Letters</i> , 2012, 14, 796-799.	4.6	102
98	N-Heterocyclic Carbene Dichotomy in Pd-Catalyzed Acylation of Aryl Chlorides via C–H Bond Functionalization. <i>Organic Letters</i> , 2012, 14, 5234-5237.	4.6	53
99	Pd-catalyzed $\alpha$ -Arylation of Carbonyl and Related Compounds: Recent Developments and Perspectives. <i>Current Organic Chemistry</i> , 2011, 15, 3233-3262.	1.6	81
100	Mechanistic Switch via Subtle Ligand Modulation: Palladium-Catalyzed Synthesis of $\alpha,\beta$ -Substituted Styrenes C–H Bond Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1223-1228.	4.3	21
101	Myth or Reality? Fixation of Carbon Dioxide into Complex Organic Matter under Mild Conditions. <i>ChemSusChem</i> , 2011, 4, 1259-1263.	6.8	246
102	Synergistic Palladium-Catalyzed C(sp <sup>3</sup> )–H Activation/C(sp <sup>3</sup> )–O Bond Formation: A Direct, Step-Economical Route to Benzolactones. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12236-12239.	13.8	187
103	Ni-Catalyzed Reduction of Inert C–O Bonds: A New Strategy for Using Aryl Ethers as Easily Removable Directing Groups. <i>Journal of the American Chemical Society</i> , 2010, 132, 17352-17353.	13.7	235
104	Pd-Catalyzed Intramolecular Acylation of Aryl Bromides via C–H Functionalization: A Highly Efficient Synthesis of Benzocyclobutenones. <i>Journal of the American Chemical Society</i> , 2010, 132, 466-467.	13.7	134
105	Metal-Catalyzed Carboxylation of Organometallic Reagents with Carbon Dioxide. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6201-6204.	13.8	319
106	Palladium-Catalyzed Direct Carboxylation of Aryl Bromides with Carbon Dioxide. <i>Journal of the American Chemical Society</i> , 2009, 131, 15974-15975.	13.7	331
107	Preparation, Structure, and Reactivity of Nonstabilized Organoiron Compounds. Implications for Iron-Catalyzed Cross Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2008, 130, 8773-8787.	13.7	453
108	An Improved Protocol for the Pd-Catalyzed $\alpha$ -Arylation of Aldehydes with Aryl Halides. <i>Organic Letters</i> , 2008, 10, 4561-4564.	4.6	56

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109	A Cheap Metal for a "Noble" Task: Preparative and Mechanistic Aspects of Cycloisomerization and Cycloaddition Reactions Catalyzed by Low-Valent Iron Complexes. <i>Journal of the American Chemical Society</i> , 2008, 130, 1992-2004.	13.7	281
110	Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling Reactions Employing Dialkylbiaryl Phosphine Ligands. <i>Accounts of Chemical Research</i> , 2008, 41, 1461-1473.	15.6	2,222
111	Sequential Copper-Catalyzed Vinylation/Cyclization: An Efficient Synthesis of Functionalized Oxazoles. <i>Organic Letters</i> , 2007, 9, 5521-5524.	4.6	131
112	Cu-Catalyzed Tandem C-N Bond Formation for the Synthesis of Pyrroles and Heteroarylpyrroles. <i>Organic Letters</i> , 2007, 9, 3379-3382.	4.6	140
113	Pd-Catalyzed Kumada-Corriu Cross-Coupling Reactions at Low Temperatures Allow the Use of Knochel-type Grignard Reagents. <i>Journal of the American Chemical Society</i> , 2007, 129, 3844-3845.	13.7	184
114	A General Method for the Direct Arylation of Aldehydes with Aryl Bromides and Chlorides. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7236-7239.	13.8	122
115	Cycloisomerization of Enynes Catalyzed by Iron(0)ate Complexes.. <i>ChemInform</i> , 2006, 37, no.	0.0	0
116	Domino Cu-Catalyzed C-N Coupling/Hydroamidation: A Highly Efficient Synthesis of Nitrogen Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7079-7082.	13.8	357
117	Advances in Iron Catalyzed Cross Coupling Reactions. <i>Chemistry Letters</i> , 2005, 34, 624-629.	1.3	464
118	Advances in Iron Catalyzed Cross Coupling Reactions. <i>ChemInform</i> , 2005, 36, no.	0.0	0
119	Cycloisomerization of Enynes Catalyzed by Iron(0)ate Complexes. <i>Journal of the American Chemical Society</i> , 2005, 127, 12236-12237.	13.7	82
120	General Approach to Glycosidase Inhibitors. Enantioselective Synthesis of Deoxymannojirimycin and Swainsonine. <i>Journal of Organic Chemistry</i> , 2005, 70, 2325-2328.	3.2	112
121	Cross-Coupling of Alkyl Halides with Aryl Grignard Reagents Catalyzed by a Low-Valent Iron Complex. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3955-3957.	13.8	366
122	Cross-Coupling of Alkyl Halides with Aryl Grignard Reagents Catalyzed by a Low-Valent Iron Complex.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
123	Ring-Closing Metathesis of Chiral Allylamines. Enantioselective Synthesis of (2S,3R,4S)-3,4-Dihydroxyproline.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
124	Ring-Closing Metathesis of Chiral Allylamines. Enantioselective Synthesis of (2S,3R,4S)-3,4-Dihydroxyproline. <i>Journal of Organic Chemistry</i> , 2002, 67, 6896-6901.	3.2	38
125	A new method for the enantioselective synthesis of N-Boc- $\alpha$ , $\beta$ -disubstituted $\alpha$ -amino acids. <i>Tetrahedron</i> , 2001, 57, 6367-6374.	1.9	40
126	A Concise Enantioselective Entry to the Synthesis of Deoxy-azasugars. <i>Organic Letters</i> , 2000, 2, 93-95.	4.6	43



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127	Formal $\hat{I}^3$ -alkynylation of ketones via Pd-catalyzed C-C cleavage. , 0, , .		0
128	Pd-catalyzed Arylation of 1,2-Amino Alcohol Derivatives via beta-Carbon Elimination. Synlett, 0, 0, .	1.8	0
129	Conformational Flexibility as a Tool for Enabling Site-Selective Functionalization of Unactivated $\hat{C}^3$ C=O Bonds in Cyclic Acetals. Journal of the American Chemical Society, 0, , .	13.7	3