

Lukas J Goossen

List of Publications by Year in descending order

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328
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docs citations

328
times ranked

9938
citing authors

#	ARTICLE	IF	CITATIONS
1	Decarboxylative coupling reactions: a modern strategy for C-C bond formation. <i>Chemical Society Reviews</i> , 2011, 40, 5030.	18.7	1,241
2	Carboxylic Acids as Substrates in Homogeneous Catalysis. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3100-3120.	7.2	1,058
3	Late Transition Metal-Catalyzed Hydroamination and Hydroamidation. <i>Chemical Reviews</i> , 2015, 115, 2596-2697.	23.0	881
4	Synthesis of Biaryls via Catalytic Decarboxylative Coupling. <i>Science</i> , 2006, 313, 662-664.	6.0	872
5	Carboxylates as sources of carbon nucleophiles and electrophiles: comparison of decarboxylative and decarbonylative pathways. <i>Chemical Science</i> , 2012, 3, 2671.	3.7	460
6	Biaryl Synthesis via Pd-Catalyzed Decarboxylative Coupling of Aromatic Carboxylates with Aryl Halides. <i>Journal of the American Chemical Society</i> , 2007, 129, 4824-4833.	6.6	437
7	Heterocyclic Carbenes: A High-Yielding Synthesis of Novel, Functionalized N-Heterocyclic Carbenes in Liquid Ammonia. <i>Chemistry - A European Journal</i> , 1996, 2, 1627-1636.	1.7	345
8	Chiral Heterocyclic Carbenes in Asymmetric Homogeneous Catalysis. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2805-2807.	4.4	334
9	Synthesis of Ketones from α -Oxocarboxylates and Aryl Bromides by Cu/Pd-Catalyzed Decarboxylative Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3043-3045.	7.2	313
10	Carboxylic Acids as Directing Groups for C-H Bond Functionalization. <i>Chemistry - A European Journal</i> , 2016, 22, 18654-18677.	1.7	258
11	Decarboxylative Biaryl Synthesis from Aromatic Carboxylates and Aryl Triflates. <i>Journal of the American Chemical Society</i> , 2008, 130, 15248-15249.	6.6	257
12	Copper-Catalyzed Trifluoromethylation of Aryl Iodides with Potassium (Trifluoromethyl)trimethoxyborate. <i>Chemistry - A European Journal</i> , 2011, 17, 2689-2697.	1.7	254
13	Palladium/Copper-Catalyzed Decarboxylative Cross-Coupling of Aryl Chlorides with Potassium Carboxylates. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7103-7106.	7.2	253
14	Palladium-Catalyzed Synthesis of Aryl Ketones from Boronic Acids and Carboxylic Acids or Anhydrides. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3458-3460.	7.2	248
15	Decarboxylative Cross-Coupling of Aryl Tosylates with Aromatic Carboxylate Salts. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1111-1114.	7.2	218
16	Pd-Catalyzed Decarbonylative Olefination of Aryl Esters: Towards a Waste-Free Heck Reaction. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1237-1241.	7.2	202
17	Copper-Catalyzed Protodecarboxylation of Aromatic Carboxylic Acids. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2241-2246.	2.1	194
18	Functionalized imidazoline-2-ylidene complexes of rhodium and palladium. <i>Journal of Organometallic Chemistry</i> , 1997, 547, 357-366.	0.8	190

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19	Catalytic C-H Carboxylation of Terminal Alkynes with Carbon Dioxide. <i>ACS Catalysis</i> , 2012, 2, 2014-2021.	5.5	188
20	The Palladium-Catalyzed Cross-Coupling Reaction of Carboxylic Anhydrides with Arylboronic Acids: A DFT Study. <i>Journal of the American Chemical Society</i> , 2005, 127, 11102-11114.	6.6	182
21	Mechanistic Pathways for Oxidative Addition of Aryl Halides to Palladium(0) Complexes: A DFT Study. <i>Organometallics</i> , 2005, 24, 2398-2410.	1.1	181
22	Silver-catalysed protodecarboxylation of carboxylic acids. <i>Chemical Communications</i> , 2009, , 7173.	2.2	181
23	Chiral Oxazoline/Imidazoline-2-ylidene Complexes. <i>Organometallics</i> , 1998, 17, 2162-2168.	1.1	176
24	Sandmeyer trifluoromethylthiolation of arenediazonium salts with sodium thiocyanate and Ruppert-Prakash reagent. <i>Chemical Science</i> , 2014, 5, 1312.	3.7	175
25	Synthesis of Difluoromethyl Thioethers from Difluoromethyl Trimethylsilane and Organothiocyanates Generated In Situ. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5753-5756.	7.2	175
26	Sandmeyer Trifluoromethylation of Arenediazonium Tetrafluoroborates. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7972-7975.	7.2	174
27	Synthesis of Propiolic Acids via Copper-Catalyzed Insertion of Carbon Dioxide into the C-H Bond of Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 2913-2917.	2.1	169
28	Sandmeyer Difluoromethylation of (Hetero-)Arenediazonium Salts. <i>Organic Letters</i> , 2014, 16, 5984-5987.	2.4	167
29	Decarboxylative Etherification of Aromatic Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2012, 134, 9938-9941.	6.6	158
30	New catalytic transformations of carboxylic acids. <i>Pure and Applied Chemistry</i> , 2008, 80, 1725-1733.	0.9	157
31	Synthesis of Aryl Ethers from Benzoates through Carboxylate-Directed C-H Activating Alkoxylation with Concomitant Protodecarboxylation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2959-2962.	7.2	148
32	Decarbonylative Heck Olefination of Enol Esters: Salt-Free and Environmentally Friendly Access to Vinyl Arenes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1095-1098.	7.2	146
33	Regiocontrolled Ru-catalyzed addition of carboxylic acids to alkynes: practical protocols for the synthesis of vinyl esters We thank Prof. Dr. M. T. Reetz for generous support and constant encouragement, and gratefully acknowledge the DFG, the FCI, and the BMBF for financial support. <i>Chemical Communications</i> , 2003, , 706-707.	2.2	142
34	Comparative Study of Copper- and Silver-Catalyzed Protodecarboxylations of Carboxylic Acids. <i>ChemCatChem</i> , 2010, 2, 430-442.	1.8	139
35	Decarboxylative Coupling Reactions. <i>Israel Journal of Chemistry</i> , 2010, 50, 617-629.	1.0	137
36	Microwave-Assisted Cu-Catalyzed Protodecarboxylation of Aromatic Carboxylic Acids. <i>Journal of Organic Chemistry</i> , 2009, 74, 2620-2623.	1.7	136

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37	Regioselective C ^α -H Hydroarylation of Internal Alkynes with Arenecarboxylates: Carboxylates as Deciduous Directing Groups. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6933-6937.	7.2	136
38	Metal Complexes of Chiral Imidazolin-2-ylidene Ligands. <i>Organometallics</i> , 1997, 16, 2472-2477.	1.1	133
39	Biaryl and Aryl Ketone Synthesis via Pd-Catalyzed Decarboxylative Coupling of Carboxylate Salts with Aryl Triflates. <i>Chemistry - A European Journal</i> , 2009, 15, 9336-9349.	1.7	126
40	Sandmeyer-Type Trifluoromethylthiolation and Trifluoromethylselenolation of (Hetero)Aromatic Amines Catalyzed by Copper. <i>Chemistry - A European Journal</i> , 2016, 22, 79-82.	1.7	125
41	Ru-Catalyzed Anti-Markovnikov Addition of Amides to Alkynes: A Regio- and Stereoselective Synthesis of Enamides. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4042-4045.	7.2	124
42	Palladium Monophosphine Intermediates in Catalytic Cross-Coupling Reactions: A DFT Study. <i>Organometallics</i> , 2006, 25, 54-67.	1.1	123
43	Low-Temperature Ag/Pd-Catalyzed Decarboxylative Cross-Coupling of Aryl Triflates with Aromatic Carboxylate Salts. <i>Chemistry - A European Journal</i> , 2010, 16, 3906-3909.	1.7	117
44	New Synthesis of Biaryls via Rh-Catalyzed Decarbonylative Suzuki-Coupling of Carboxylic Anhydrides with Arylboroxines. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1665-1668.	2.1	113
45	C ^α -H Carboxylation of Terminal Alkynes Catalyzed by Low Loadings of Silver(I)/DMSO at Ambient CO ₂ Pressure. <i>ChemCatChem</i> , 2012, 4, 484-487.	1.8	110
46	Iridium-Catalyzed <i>ortho</i> -Arylation of Benzoic Acids with Arenediazonium Salts. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12607-12611.	7.2	110
47	Palladium-Catalyzed Synthesis of Aryl Ketones from Boronic Acids and Carboxylic Acids Activated in situ by Pivalic Anhydride. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 3254-3267.	1.2	109
48	C(aryl)-O Activation of Aryl Carboxylates in Nickel-Catalyzed Biaryl Syntheses. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3569-3571.	7.2	104
49	Oxidative Trifluoromethylation of Arylboronates with Shelf-Stable Potassium (Trifluoromethyl)trimethoxyborate. <i>Chemistry - A European Journal</i> , 2012, 18, 1577-1581.	1.7	104
50	<i>ortho</i> -C ^α -H Arylation of Benzoic Acids with Aryl Bromides and Chlorides Catalyzed by Ruthenium. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14752-14755.	7.2	104
51	A mild and efficient protocol for the conversion of carboxylic acids to olefins by a catalytic decarbonylative elimination reaction. <i>Chemical Communications</i> , 2004, , 724-725.	2.2	102
52	Decarboxylative Cross-Coupling of Mesylates Catalyzed by Copper/Palladium Systems with Customized Imidazolyl Phosphine Ligands. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2954-2958.	7.2	102
53	[Pd(¹ / ₄ -Br)(P(^t Bu) ₃) ₂] as a Highly Active Isomerization Catalyst: Synthesis of Enol Esters from Allylic Esters. <i>Organic Letters</i> , 2012, 14, 3716-3719.	2.4	100
54	Isomerizing Olefin Metathesis as a Strategy To Access Defined Distributions of Unsaturated Compounds from Fatty Acids. <i>Journal of the American Chemical Society</i> , 2012, 134, 13716-13729.	6.6	99

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55	The mechanism of the oxidative addition of aryl halides to Pd-catalysts: a DFT investigation. <i>Chemical Communications</i> , 2004, , 2141-2143.	2.2	98
56	Synthesis of Valsartan via Decarboxylative Biaryl Coupling. <i>Journal of Organic Chemistry</i> , 2007, 72, 7473-7476.	1.7	98
57	The Thermal Amidation of Carboxylic Acids Revisited. <i>Synthesis</i> , 2009, 2009, 160-164.	1.2	98
58	Pd-catalyzed synthesis of arylacetic acid derivatives from boronic acids. <i>Chemical Communications</i> , 2001, , 669-670.	2.2	95
59	Synthesis of Aryl Tri- and Difluoromethyl Thioethers via a C-S-H Thiocyanation/Fluoroalkylation Cascade. <i>Chemistry - A European Journal</i> , 2015, 21, 14324-14327.	1.7	92
60	A Highly Active Ylide-Functionalized Phosphine for Palladium-Catalyzed Aminations of Aryl Chlorides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3203-3207.	7.2	91
61	Chirale Heterocyclencarbene in der asymmetrischen Homogenkatalyse. <i>Angewandte Chemie</i> , 1996, 108, 2980-2982.	1.6	88
62	Mechanism of Cu/Pd-Catalyzed Decarboxylative Cross-Couplings: A DFT Investigation. <i>Journal of the American Chemical Society</i> , 2014, 136, 10007-10023.	6.6	88
63	Copper-Catalyzed Dehydrogenative Coupling of Arenes with Alcohols. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9279-9283.	7.2	87
64	Catalytic Transformations Involving the Activation of sp ² Carbon-Oxygen Bonds. <i>Topics in Organometallic Chemistry</i> , 2012, , 35-53.	0.7	82
65	Atom-economic catalytic amide synthesis from amines and carboxylic acids activated in situ with acetylenes. <i>Nature Communications</i> , 2016, 7, 11732.	5.8	82
66	Regiospecific <i>ortho</i> -C-H Allylation of Benzoic Acids. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14580-14584.	7.2	82
67	Synthesis of Secondary Enamides by Ruthenium-Catalyzed Selective Addition of Amides to Terminal Alkynes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8492-8495.	7.2	81
68	Copper-Mediated <i>ortho</i> -Nitration of (Hetero)Arenecarboxylates. <i>Chemistry - A European Journal</i> , 2014, 20, 9902-9905.	1.7	81
69	Synthesis of Biaryls and Aryl Ketones <i>via</i> Microwave-Assisted Decarboxylative Cross-Couplings. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2667-2674.	2.1	79
70	Pd-Catalyzed Decarbonylative Heck Olefination of Aromatic Carboxylic Acids Activated in situ with Di- <i>tert</i> -butyl Dicarboxylate. <i>Synlett</i> , 2002, 2002, 1721-1723.	1.0	77
71	Lewis Acids as Highly Efficient Catalysts for the Decarboxylative Esterification of Carboxylic Acids with Dialkyl Dicarboxylates. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 943-947.	2.1	77
72	Trifluoromethylthiolation and Trifluoromethylselenolation of α -Diazo Esters Catalyzed by Copper. <i>Chemistry - A European Journal</i> , 2016, 22, 12270-12273.	1.7	77

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73	Synthesis of potential bisphenol A substitutes by isomerising metathesis of renewable raw materials. <i>Green Chemistry</i> , 2017, 19, 3051-3060.	4.6	76
74	One-Pot Sandmeyer Trifluoromethylation and Trifluoromethylthiolation. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2343-2348.	2.1	74
75	Mechanistic Investigation of the Ru-Catalyzed Hydroamidation of Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2011, 133, 7428-7449.	6.6	73
76	Enantioselective Rh-Catalyzed Hydrogenation of Vinyl Carboxylates with Monodentate Phosphite Ligands. <i>Organic Letters</i> , 2003, 5, 3099-3101.	2.4	72
77	Rhodium-Catalyzed <i>ortho</i> -Acylation of Aromatic Carboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6704-6708.	7.2	72
78	Catalytic Decarboxylative Cross-Coupling of Aryl Chlorides and Benzoates without Activating <i>ortho</i> Substituents. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13130-13133.	7.2	68
79	Iron-Catalyzed Decarboxylation of Trifluoroacetate and Its Application to the Synthesis of Trifluoromethyl Thioethers. <i>Chemistry - A European Journal</i> , 2015, 21, 17220-17223.	1.7	66
80	Pd-Catalyzed Synthesis of Functionalized Arylketones from Boronic Acids and Carboxylic Acids Activated in situ with Dimethyl Dicarboxylate. <i>Synlett</i> , 2002, 2002, 1237-1240.	1.0	65
81	Concise Synthesis of Telmisartan via Decarboxylative Cross-Coupling. <i>Journal of Organic Chemistry</i> , 2008, 73, 8631-8634.	1.7	63
82	Catalytic Asymmetric Aminohydroxylation with Amino-Substituted Heterocycles as Nitrogen Sources. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1080-1083.	7.2	60
83	Silver triflate-catalysed synthesis of β -lactones from fatty acids. <i>Green Chemistry</i> , 2010, 12, 197-200.	4.6	59
84	Decarboxylation-Initiated Intermolecular Carbon-Heteroatom Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2678-2722.	2.1	59
85	Asymmetric Hydrovinylation: New Perspectives through Use of Modular Ligand Systems. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3775-3778.	7.2	58
86	Branched Arylalkenes from Cinnamates: Selectivity Inversion in Heck Reactions by Carboxylates as Deciduous Directing Groups. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11296-11299.	7.2	57
87	Doubly Regioselective C-H Hydroarylation of Unsymmetrical Alkynes Using Carboxylates as Deciduous Directing Groups. <i>Organic Letters</i> , 2017, 19, 1232-1235.	2.4	56
88	Carboxylate-directed C-H allylation with allyl alcohols or ethers. <i>Chemical Science</i> , 2018, 9, 5289-5294.	3.7	56
89	Decarboxylative Coupling Reactions. <i>Topics in Organometallic Chemistry</i> , 2012, , 121-141.	0.7	54
90	Electrochemical Aziridination of Internal Alkenes with Primary Amines. <i>CheM</i> , 2021, 7, 255-266.	5.8	54

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91	Rh/Cu-Catalyzed Ketone α^2 -Functionalization by Merging Ketone Dehydrogenation and Carboxyl-Directed C-H Alkylation. <i>ACS Catalysis</i> , 2018, 8, 4777-4782.	5.5	53
92	Ru-Catalyzed Stereoselective Addition of Imides to Alkynes. <i>Journal of Organic Chemistry</i> , 2006, 71, 9506-9509.	1.7	50
93	A Practical and Effective Ruthenium Trichloride-Based Protocol for the Regio- and Stereoselective Catalytic Hydroamidation of Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2701-2707.	2.1	50
94	Catalytic Decarboxylative Cross-Ketonisation of Aryl- and Alkylcarboxylic Acids using Magnetite Nanoparticles. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 57-63.	2.1	49
95	Ylide-Functionalized Phosphine (YPhos)-Palladium Catalysts: Selective Monoarylation of Alkyl Ketones with Aryl Chlorides. <i>Organic Letters</i> , 2019, 21, 7558-7562.	2.4	48
96	Synthesis of Azomethines from α -Oxocarboxylates, Amines and Aryl Bromides via One-Pot Three-Component Decarboxylative Coupling. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 337-342.	2.1	47
97	Catalytic C-N and C-H Bond Activation: ortho-Allylation of Benzoic Acids with Allyl Amines. <i>Organic Letters</i> , 2018, 20, 4337-4340.	2.4	47
98	Ruthenium-Catalyzed Stereoselective anti-Markovnikov-Addition of Thioamides to Alkynes. <i>Organic Letters</i> , 2008, 10, 4497-4499.	2.4	46
99	Regioselective Synthesis of α -Aryl- and α -Amino-Substituted Aliphatic Esters by Rhodium-Catalyzed Tandem Double-Bond Migration/Conjugate Addition. <i>Chemistry - A European Journal</i> , 2011, 17, 9508-9519.	1.7	46
100	Decarboxylative biaryl synthesis in a continuous flow reactor. <i>Chemical Communications</i> , 2011, 47, 3628.	2.2	44
101	Electrochemical ipso-Thiocyanation of Arylboron Compounds. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3548-3553.	2.1	44
102	Decarboxylative ipso Amination of Activated Benzoic Acids. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 892-896.	7.2	44
103	New Pd-catalyzed selective reduction of carboxylic acids to aldehydes. <i>Chemical Communications</i> , 2002, , 836-837.	2.2	42
104	Synthesis of tsetse fly attractants from a cashew nut shell extract by isomerising metathesis. <i>Green Chemistry</i> , 2014, 16, 4885-4890.	4.6	42
105	Reinventing Amide Bond Formation. <i>Topics in Organometallic Chemistry</i> , 2012, , 13-33.	0.7	41
106	Coupling of Reformatsky Reagents with Aryl Chlorides Enabled by Ylide-Functionalized Phosphine Ligands. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6778-6783.	7.2	40
107	Regioselective C-H Alkylation via Carboxylate-Directed Hydroarylation in Water. <i>Chemistry - A European Journal</i> , 2018, 24, 4537-4541.	1.7	38
108	Practical Protocol for the Palladium-Catalyzed Synthesis of Arylphosphonates from Bromoarenes and Diethyl Phosphite. <i>Synlett</i> , 2005, 2005, 445-448.	1.0	37

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109	<i>ortho</i> -C ^H Arylation of Benzoic Acids with Aryl Bromides and Chlorides Catalyzed by Ruthenium. <i>Angewandte Chemie</i> , 2016, 128, 14972-14975.	1.6	37
110	Isomerizing Ethenolysis as an Efficient Strategy for Styrene Synthesis. <i>Chemistry - A European Journal</i> , 2013, 19, 9807-9810.	1.7	36
111	Regioselective C ^H Hydroarylation of Internal Alkynes with Arenecarboxylates: Carboxylates as Deciduous Directing Groups. <i>Angewandte Chemie</i> , 2016, 128, 7047-7051.	1.6	36
112	Stereoselective Synthesis of β -Chlorovinyl Ketones and Arenes by the Catalytic Addition of Acid Chlorides to Alkynes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9592-9594.	7.2	35
113	Development of Decarboxylative Coupling Processes for the Synthesis of Azomethines and Ketones. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 6486-6501.	1.2	35
114	Electrochemical C ^H Cyanation of Electron-Rich (Hetero)Arenes. <i>Chemistry - A European Journal</i> , 2018, 24, 11288-11291.	1.7	35
115	One-Pot Synthesis of β -Alkylidene-phthalides from Benzoic Acids by a Rhodium-Catalyzed <i>ortho</i> -C ^H Acylation Process. <i>Chemistry - A European Journal</i> , 2013, 19, 17287-17290.	1.7	34
116	Practical Reagents and Methods for Nucleophilic and Electrophilic Phosphorothiolations. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1913-1918.	2.1	34
117	Decarboxylative <i>ipso</i> -Amination of Activated Benzoic Acids. <i>Angewandte Chemie</i> , 2019, 131, 902-906.	1.6	34
118	Practical Synthesis of Unsymmetrical Diarylacetylenes from Propiolic Acid and Two Different Aryl Bromides. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1431-1438.	1.2	33
119	Ring-Opening <i>Ortho</i> -C ^H Allylation of Benzoic Acids with Vinylcyclopropanes: Merging Catalytic C ^H and C ^C Activation Concepts. <i>Organic Letters</i> , 2019, 21, 6770-6773.	2.4	33
120	Arylalkene Synthesis via Decarboxylative Cross-Coupling of Alkenyl Halides. <i>Organic Letters</i> , 2014, 16, 2664-2667.	2.4	31
121	Biofuel by isomerizing metathesis of rapeseed oil esters with (bio)ethylene for use in contemporary diesel engines. <i>Science Advances</i> , 2017, 3, e1602624.	4.7	31
122	Pd-catalyzed decarboxylative Heck vinylation of 2-nitrobenzoates in the presence of CuF ₂ . <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 43.	1.3	30
123	Convenient synthesis of pentafluoroethyl thioethers via catalytic Sandmeyer reaction with a stable fluoroalkylthiolation reagent. <i>Organic Chemistry Frontiers</i> , 2016, 3, 949-952.	2.3	30
124	Ein hochaktives, Ylid-funktionalisiertes Phosphan für die palladiumkatalysierte Aminierung von Arylchloriden. <i>Angewandte Chemie</i> , 2019, 131, 3235-3239.	1.6	30
125	Low-Pressure Hydrogenation of Arenecarboxylic Acids to Aryl Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 2166-2170.	2.1	28
126	Ruthenium-Catalyzed Addition of Primary Amides to Alkynes: A Stereoselective Synthesis of Secondary Enamides. <i>Synthesis</i> , 2009, 2009, 2283-2288.	1.2	27

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127	Selective Crossed- α -Tishchenko Reaction: A Waste-Free Synthesis of Benzyl Esters. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11047-11049.	7.2	27
128	Synthesis of α,β -Unsaturated Ketones by Pd-Catalyzed Decarboxylative Allylation of α -Oxocarboxylates. <i>Chemistry - A European Journal</i> , 2011, 17, 13688-13691.	1.7	27
129	Decarboxylative Allylation of Glyoxylic Acids with Diallyl Carbonate. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4680-4683.	1.2	27
130	Palladium-Catalyzed Cross-Coupling of Sterically Demanding Boronic Acids with α -Bromocarbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2011, 76, 8107-8112.	1.7	26
131	Simple Access to Sol-Gel Precursors Bearing Fluorescent Aromatic Core Units. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 2142-2151.	1.2	26
132	Metal-Free Trifluoromethylthiolation of Alkyl Electrophiles via a Cascade of Thiocyanation and Nucleophilic Cyanide- CF_3 Substitution. <i>Synlett</i> , 2015, 26, 1628-1632.	1.0	26
133	Synthesis of 3-Substituted 2-Arylpyridines via Cu/Pd-Catalyzed Decarboxylative Cross-Coupling of Picolinic Acids with (Hetero)Aryl Halides. <i>Journal of Organic Chemistry</i> , 2017, 82, 3917-3925.	1.7	26
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