

Lukas J Goossen

List of Publications by Citations

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225
papers

17,040
citations

70
h-index

125
g-index

328
ext. papers

18,369
ext. citations

7.5
avg, IF

7.2
L-index

#	Paper	IF	Citations
225	Decarboxylative coupling reactions: a modern strategy for C-C-bond formation. <i>Chemical Society Reviews</i> , 2011 , 40, 5030-48	58.5	1056
224	Carboxylic acids as substrates in homogeneous catalysis. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3100-20	16.4	932
223	Synthesis of biaryls via catalytic decarboxylative coupling. <i>Science</i> , 2006 , 313, 662-4	33.3	806
222	Late transition metal-catalyzed hydroamination and hydroamidation. <i>Chemical Reviews</i> , 2015 , 115, 2596-697	69.7	685
221	Carboxylates as sources of carbon nucleophiles and electrophiles: comparison of decarboxylative and decarbonylative pathways. <i>Chemical Science</i> , 2012 , 3, 2671	9.4	416
220	Biaryl synthesis via Pd-catalyzed decarboxylative coupling of aromatic carboxylates with aryl halides. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4824-33	16.4	413
219	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	4.8	312
218	Chiral Heterocyclic Carbenes in Asymmetric Homogeneous Catalysis. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 2805-2807		299
217	Synthesis of ketones from alpha-oxocarboxylates and aryl bromides by Cu/Pd-catalyzed decarboxylative cross-coupling. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3043-5	16.4	287
216	Carbonsäuren als Substrate in der homogenen Katalyse. <i>Angewandte Chemie</i> , 2008 , 120, 3144-3164	3.6	280
215	Copper-catalyzed trifluoromethylation of aryl iodides with potassium (trifluoromethyl)trimethoxyborate. <i>Chemistry - A European Journal</i> , 2011 , 17, 2689-97	4.8	243
214	Decarboxylative biaryl synthesis from aromatic carboxylates and aryl triflates. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15248-9	16.4	238
213	Palladium/copper-catalyzed decarboxylative cross-coupling of aryl chlorides with potassium carboxylates. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7103-6	16.4	236
212	Palladium-Catalyzed Synthesis of Aryl Ketones from Boronic Acids and Carboxylic Acids or Anhydrides We thank M. Rössig and L. Winkel for technical assistance, Prof. Dr. M. T. Reetz for generous support and constant encouragement, and the DFG for financial support.. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3458-3460	16.4	219
211	Carboxylic Acids as Directing Groups for C-H Bond Functionalization. <i>Chemistry - A European Journal</i> , 2016 , 22, 18654-18677	4.8	205
210	Decarboxylative cross-coupling of aryl tosylates with aromatic carboxylate salts. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 11111-4	16.4	199
209	Pd-catalyzed decarbonylative olefination of aryl esters: towards a waste-free Heck reaction. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1237-41	16.4	176

208	Copper-Catalyzed Protodecarboxylation of Aromatic Carboxylic Acids. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 2241-2246	5.6	174
207	Functionalized imidazoline-2-ylidene complexes of rhodium and palladium. <i>Journal of Organometallic Chemistry</i> , 1997 , 547, 357-366	2.3	172
206	Mechanistic Pathways for Oxidative Addition of Aryl Halides to Palladium(0) Complexes: A DFT Study. <i>Organometallics</i> , 2005 , 24, 2398-2410	3.8	171
205	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, 11102-14	16.4	166
204	Silver-catalysed protodecarboxylation of carboxylic acids. <i>Chemical Communications</i> , 2009 , 7173-5	5.8	164
203	Chiral Oxazoline/Imidazoline-2-ylidene Complexes \square <i>Organometallics</i> , 1998 , 17, 2162-2168	3.8	164
202	Sandmeyer trifluoromethylthiolation of arenediazonium salts with sodium thiocyanate and RuppertPrakash reagent. <i>Chemical Science</i> , 2014 , 5, 1312	9.4	163
201	Catalytic C \equiv C Carboxylation of Terminal Alkynes with Carbon Dioxide. <i>ACS Catalysis</i> , 2012 , 2, 2014-2021	13.1	163
200	Sandmeyer trifluoromethylation of arenediazonium tetrafluoroborates. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7972-5	16.4	160
199	Synthesis of Propiolic Acids via Copper-Catalyzed Insertion of Carbon Dioxide into the C \equiv H Bond of Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 2913-2917	5.6	156
198	Sandmeyer difluoromethylation of (hetero-)arenediazonium salts. <i>Organic Letters</i> , 2014 , 16, 5984-7	6.2	152
197	Synthesis of difluoromethyl thioethers from difluoromethyl trimethylsilane and organothiocyanates generated in situ. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5753-6	16.4	147
196	Decarboxylative etherification of aromatic carboxylic acids. <i>Journal of the American Chemical Society</i> , 2012 , 134, 9938-41	16.4	147
195	New catalytic transformations of carboxylic acids. <i>Pure and Applied Chemistry</i> , 2008 , 80, 1725-1733	2.1	141
194	Synthesis of aryl ethers from benzoates through carboxylate-directed C-H-activating alkoxylation with concomitant protodecarboxylation. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 2959-62	16.4	139
193	Decarbonylative heck olefination of enol esters: salt-free and environmentally friendly access to vinyl arenes. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1095-8	16.4	130
192	Regiocontrolled Ru-catalyzed addition of carboxylic acids to alkynes: practical protocols for the synthesis of vinyl esters. <i>Chemical Communications</i> , 2003 , 706-707	5.8	124
191	Decarboxylative Coupling Reactions. <i>Israel Journal of Chemistry</i> , 2010 , 50, 617-629	3.4	123

190	Metal Complexes of Chiral Imidazolin-2-ylidene Ligands. <i>Organometallics</i> , 1997 , 16, 2472-2477	3.8	121
189	Microwave-assisted Cu-catalyzed protodecarboxylation of aromatic carboxylic acids. <i>Journal of Organic Chemistry</i> , 2009 , 74, 2620-3	4.2	120
188	Comparative Study of Copper- and Silver-Catalyzed Protodecarboxylations of Carboxylic Acids. <i>ChemCatChem</i> , 2010 , 2, 430-442	5.2	118
187	Palladium Monophosphine Intermediates in Catalytic Cross-Coupling Reactions: A DFT Study. <i>Organometallics</i> , 2006 , 25, 54-67	3.8	113
186	Regioselective C-H Hydroarylation of Internal Alkynes with Arenecarboxylates: Carboxylates as Deciduous Directing Groups. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6933-7	16.4	112
185	Biaryl and aryl ketone synthesis via Pd-catalyzed decarboxylative coupling of carboxylate salts with aryl triflates. <i>Chemistry - A European Journal</i> , 2009 , 15, 9336-49	4.8	112
184	Low-temperature ag/pd-catalyzed decarboxylative cross-coupling of aryl triflates with aromatic carboxylate salts. <i>Chemistry - A European Journal</i> , 2010 , 16, 3906-9	4.8	111
183	Sandmeyer-Type Trifluoromethylthiolation and Trifluoromethylselenolation of (Hetero)Aromatic Amines Catalyzed by Copper. <i>Chemistry - A European Journal</i> , 2016 , 22, 79-82	4.8	109
182	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	5.6	107
181	C-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	5.2	102
180	Ru-catalyzed anti-Markovnikov addition of amides to alkynes: a regio- and stereoselective synthesis of enamides. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 4042-5	16.4	102
179	C(aryl)-O activation of aryl carboxylates in nickel-catalyzed biaryl syntheses. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3569-71	16.4	101
178	Oxidative trifluoromethylation of arylboronates with shelf-stable potassium (trifluoromethyl)trimethoxyborate. <i>Chemistry - A European Journal</i> , 2012 , 18, 1577-81	4.8	99
177	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	3.2	99
176	Iridium-Catalyzed ortho-Arylation of Benzoic Acids with Arenediazonium Salts. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12607-11	16.4	96
175	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, 13716-29	16.4	93
174	Decarboxylative cross-coupling of mesylates catalyzed by copper/palladium systems with customized imidazolyl phosphine ligands. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 2954-8	16.4	92
173	Synthesis of valsartan via decarboxylative biaryl coupling. <i>Journal of Organic Chemistry</i> , 2007 , 72, 7473-64.2	9.2	92

172	Synthese von Ketonen aus α -Oxocarboxylaten und Arylbromiden durch Cu/Pd-katalysierte decarboxylierende Kreuzkupplung. <i>Angewandte Chemie</i> , 2008 , 120, 3085-3088	3.6	91
171	A mild and efficient protocol for the conversion of carboxylic acids to olefins by a catalytic decarbonylative elimination reaction. <i>Chemical Communications</i> , 2004 , 724-5	5.8	90
170	ortho-C-H Arylation of Benzoic Acids with Aryl Bromides and Chlorides Catalyzed by Ruthenium. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14752-14755	16.4	87
169	The mechanism of the oxidative addition of aryl halides to Pd-catalysts: a DFT investigation. <i>Chemical Communications</i> , 2004 , 2141-3	5.8	86
168	Pd-catalyzed synthesis of arylacetic acid derivatives from boronic acids. <i>Chemical Communications</i> , 2001 , 669-670	5.8	85
167	Pd/Cu-katalysierte decarboxylierende Kreuzkupplung von Arylchloriden und Kaliumcarboxylaten. <i>Angewandte Chemie</i> , 2008 , 120, 7211-7214	3.6	83
166	[Pd(EtBr)(P(t)Bu ₃) ₂] as a highly active isomerization catalyst: synthesis of enol esters from allylic esters. <i>Organic Letters</i> , 2012 , 14, 3716-9	6.2	82
165	Mechanism of Cu/Pd-catalyzed decarbonylative cross-couplings: a DFT investigation. <i>Journal of the American Chemical Society</i> , 2014 , 136, 10007-23	16.4	81
164	The Thermal Amidation of Carboxylic Acids Revisited. <i>Synthesis</i> , 2009 , 2009, 160-164	2.9	81
163	Catalytic Transformations Involving the Activation of sp ² Carbon-Oxygen Bonds. <i>Topics in Organometallic Chemistry</i> , 2012 , 35-53	0.6	80
162	Synthesis of aryl tri- and difluoromethyl thioethers via a C-H-thiocyanation/fluoroalkylation cascade. <i>Chemistry - A European Journal</i> , 2015 , 21, 14324-7	4.8	77
161	Chirale Heterocyclencarbene in der asymmetrischen Homogenkatalyse. <i>Angewandte Chemie</i> , 1996 , 108, 2980-2982	3.6	77
160	Copper-catalyzed dehydrogenative coupling of arenes with alcohols. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9279-83	16.4	76
159	Synthesis of Biaryls and Aryl Ketones via Microwave-Assisted Decarbonylative Cross-Couplings. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 2667-2674	5.6	74
158	Trifluoromethylthiolation and Trifluoromethylselenolation of α -Diazo Esters Catalyzed by Copper. <i>Chemistry - A European Journal</i> , 2016 , 22, 12270-3	4.8	72
157	Copper-mediated ortho-nitration of (hetero)arenecarboxylates. <i>Chemistry - A European Journal</i> , 2014 , 20, 9902-5	4.8	70
156	Lewis Acids as Highly Efficient Catalysts for the Decarbonylative Esterification of Carboxylic Acids with Dialkyl Dicarboxylates. <i>Advanced Synthesis and Catalysis</i> , 2003 , 345, 943-947	5.6	69
155	Enantioselective Rh-catalyzed hydrogenation of vinyl carboxylates with monodentate phosphite ligands. <i>Organic Letters</i> , 2003 , 5, 3099-101	6.2	69

154	Synthesis of secondary enamides by ruthenium-catalyzed selective addition of amides to terminal alkynes. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8492-5	16.4	68
153	Palladium-Catalyzed Synthesis of Aryl Ketones from Boronic Acids and Carboxylic Acids or Anhydrides. <i>Angewandte Chemie</i> , 2001 , 113, 3566-3568	3.6	68
152	One-Pot Sandmeyer Trifluoromethylation and Trifluoromethylthiolation. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 2343-2348	5.6	67
151	Synthesis of potential bisphenol A substitutes by isomerising metathesis of renewable raw materials. <i>Green Chemistry</i> , 2017 , 19, 3051-3060	10	66
150	Atom-economic catalytic amide synthesis from amines and carboxylic acids activated in situ with acetylenes. <i>Nature Communications</i> , 2016 , 7, 11732	17.4	65
149	Rhodium-catalyzed ortho acylation of aromatic carboxylic acids. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 6704-8	16.4	65
148	Regiospecific ortho-C-H Alkylation of Benzoic Acids. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14580-14584	16.4	64
147	Mechanistic investigation of the Ru-catalyzed hydroamidation of terminal alkynes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 7428-49	16.4	63
146	Pd-Catalyzed Decarbonylative Olefination of Aryl Esters: Towards a Waste-Free Heck Reaction. <i>Angewandte Chemie</i> , 2002 , 114, 1285-1289	3.6	62
145	Pd-Catalyzed Decarbonylative Heck Olefination of Aromatic Carboxylic Acids Activated in situ with Di-tert-butyl Dicarbonate. <i>Synlett</i> , 2002 , 2002, 1721-1723	2.2	62
144	Decarboxylative Cross-Coupling of Aryl Tosylates with Aromatic Carboxylate Salts. <i>Angewandte Chemie</i> , 2010 , 122, 1129-1132	3.6	60
143	Catalytic Decarboxylative Cross-Coupling of Aryl Chlorides and Benzoates without Activating ortho Substituents. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13130-3	16.4	59
142	A Highly Active Ylide-Functionalized Phosphine for Palladium-Catalyzed Aminations of Aryl Chlorides. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3203-3207	16.4	59
141	Concise synthesis of telmisartan via decarboxylative cross-coupling. <i>Journal of Organic Chemistry</i> , 2008 , 73, 8631-4	4.2	58
140	Pd-Catalyzed Synthesis of Functionalized Arylketones from Boronic Acids and Carboxylic Acids Activated in situ with Dimethyl Dicarbonate. <i>Synlett</i> , 2002 , 2002, 1237-1240	2.2	58
139	Sandmeyer-Trifluormethylierung von Aryldiazoniumtetrafluorboraten. <i>Angewandte Chemie</i> , 2013 , 125, 8130-8133	3.6	55
138	Iron-Catalyzed Decarboxylation of Trifluoroacetate and Its Application to the Synthesis of Trifluoromethyl Thioethers. <i>Chemistry - A European Journal</i> , 2015 , 21, 17220-3	4.8	53
137	Decarboxylative Coupling Reactions. <i>Topics in Organometallic Chemistry</i> , 2012 , 121-141	0.6	51

136	Asymmetric hydrovinylation: new perspectives through use of modular ligand systems. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3775-8	16.4	50
135	Silver triflate-catalysed synthesis of lactones from fatty acids. <i>Green Chemistry</i> , 2010 , 12, 197-200	10	48
134	Ru-catalyzed stereoselective addition of imides to alkynes. <i>Journal of Organic Chemistry</i> , 2006 , 71, 9506-9	4.2	47
133	Doubly Regioselective C-H Hydroarylation of Unsymmetrical Alkynes Using Carboxylates as Deciduous Directing Groups. <i>Organic Letters</i> , 2017 , 19, 1232-1235	6.2	45
132	Synthese von Arylethern aus Benzoaten über carboxylatdirigierte C-H-aktivierende Alkoxylierung mit gekoppelter Protodecarboxylierung. <i>Angewandte Chemie</i> , 2013 , 125, 3031-3035	3.6	45
131	C(Aryl)-O-Aktivierung von Arylcarboxylaten in nickelkatalysierten Biarylsynthesen. <i>Angewandte Chemie</i> , 2009 , 121, 3621-3624	3.6	45
130	Decarbonylierende Heck-Olefinierung von Enolestern: ein salzfreier und umweltfreundlicher Zugang zu Vinylarenen. <i>Angewandte Chemie</i> , 2004 , 116, 1115-1118	3.6	45
129	Catalytic asymmetric aminohydroxylation with amino-substituted heterocycles as nitrogen sources. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1080-3	16.4	45
128	Synthesis of Difluoromethyl Thioethers from Difluoromethyl Trimethylsilane and Organothiocyanates Generated In Situ. <i>Angewandte Chemie</i> , 2015 , 127, 5845-5848	3.6	44
127	Branched Arylalkenes from Cinnamates: Selectivity Inversion in Heck Reactions by Carboxylates as Deciduous Directing Groups. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11296-9	16.4	44
126	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	5.6	43
125	Decarboxylative biaryl synthesis in a continuous flow reactor. <i>Chemical Communications</i> , 2011 , 47, 3628-30	3.0	42
124	Ruthenium-catalyzed stereoselective anti-Markovnikov-addition of thioamides to alkynes. <i>Organic Letters</i> , 2008 , 10, 4497-9	6.2	42
123	Carboxylate-directed C-H allylation with allyl alcohols or ethers. <i>Chemical Science</i> , 2018 , 9, 5289-5294	9.4	42
122	Synthesis of tsetse fly attractants from a cashew nut shell extract by isomerising metathesis. <i>Green Chemistry</i> , 2014 , 16, 4885-4890	10	40
121	Catalytic Decarboxylative Cross-Ketonisation of Aryl- and Alkylcarboxylic Acids using Magnetite Nanoparticles. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 57-63	5.6	40
120	Synthesis of Azomethines from Oxocarboxylates, Amines and Aryl Bromides via One-Pot Three-Component Decarboxylative Coupling. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 337-342	5.6	40
119	Regioselective synthesis of aryl- and amino-substituted aliphatic esters by rhodium-catalyzed tandem double-bond migration/conjugate addition. <i>Chemistry - A European Journal</i> , 2011 , 17, 9508-19	4.8	39

118	Ru-Catalyzed Anti-Markovnikov Addition of Amides to Alkynes: A Regio- and Stereoselective Synthesis of Enamides. <i>Angewandte Chemie</i> , 2005 , 117, 4110-4113	3.6	39
117	Rh/Cu-Catalyzed Ketone α -Functionalization by Merging Ketone Dehydrogenation and Carboxyl-Directed C β Alkylation. <i>ACS Catalysis</i> , 2018 , 8, 4777-4782	13.1	37
116	Iridium-katalysierte ortho-Arylierung von Benzoesäuren mit Aryldiazoniumsalzen. <i>Angewandte Chemie</i> , 2015 , 127, 12798-12802	3.6	35
115	Reinventing Amide Bond Formation. <i>Topics in Organometallic Chemistry</i> , 2012 , 13-33	0.6	35
114	Catalytic C-N and C-H Bond Activation: ortho-Allylation of Benzoic Acids with Allyl Amines. <i>Organic Letters</i> , 2018 , 20, 4337-4340	6.2	35
113	Practical Protocol for the Palladium-Catalyzed Synthesis of Arylphosphonates from Bromoarenes and Diethyl Phosphite. <i>Synlett</i> , 2005 , 2005, 445-448	2.2	34
112	New Pd-catalyzed selective reduction of carboxylic acids to aldehydes. <i>Chemical Communications</i> , 2002 , 836-7	5.8	34
111	Decarboxylative ipso Amination of Activated Benzoic Acids. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 892-896	16.4	34
110	Regioselective C-H Alkylation via Carboxylate-Directed Hydroarylation in Water. <i>Chemistry - A European Journal</i> , 2018 , 24, 4537-4541	4.8	31
109	ortho-C β Arylation of Benzoic Acids with Aryl Bromides and Chlorides Catalyzed by Ruthenium. <i>Angewandte Chemie</i> , 2016 , 128, 14972-14975	3.6	31
108	Regioselective C β Hydroarylation of Internal Alkynes with Arenecarboxylates: Carboxylates as Deciduous Directing Groups. <i>Angewandte Chemie</i> , 2016 , 128, 7047-7051	3.6	31
107	Isomerizing ethenolysis as an efficient strategy for styrene synthesis. <i>Chemistry - A European Journal</i> , 2013 , 19, 9807-10	4.8	31
106	Electrochemical C-H Cyanation of Electron-Rich (Hetero)Arenes. <i>Chemistry - A European Journal</i> , 2018 , 24, 11288-11291	4.8	30
105	One-pot synthesis of 3-alkylidenephthalides from benzoic acids by a rhodium-catalyzed ortho-C-H acylation process. <i>Chemistry - A European Journal</i> , 2013 , 19, 17287-90	4.8	30
104	Development of Decarboxylative Coupling Processes for the Synthesis of Azomethines and Ketones. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 6486-6501	3.2	30
103	Stereoselective synthesis of beta-chlorovinyl ketones and arenes by the catalytic addition of acid chlorides to alkynes. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 9592-4	16.4	30
102	Ylide-Functionalized Phosphine (YPhos)-Palladium Catalysts: Selective Monoarylation of Alkyl Ketones with Aryl Chlorides. <i>Organic Letters</i> , 2019 , 21, 7558-7562	6.2	29
101	Decarboxylierende Kreuzkupplung von Mesylaten katalysiert durch ein Kupfer/Palladium-System mit maßgeschneiderten Imidazolylphosphanliganden. <i>Angewandte Chemie</i> , 2013 , 125, 3026-3030	3.6	29

100	Practical Synthesis of Unsymmetrical Diarylacetylenes from Propiolic Acid and Two Different Aryl Bromides. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 1431-1438	3.2	28
99	Pd-catalyzed decarboxylative Heck vinylation of 2-nitrobenzoates in the presence of CuF ₃ Beilstein <i>Journal of Organic Chemistry</i> , 2010 , 6, 43	2.5	27
98	Arylalkene synthesis via decarboxylative cross-coupling of alkenyl halides. <i>Organic Letters</i> , 2014 , 16, 2664-7	2.6	26
97	Rhodium-Catalyzed ortho Acylation of Aromatic Carboxylic Acids. <i>Angewandte Chemie</i> , 2013 , 125, 6836-6840	3.4	25
96	Simple Access to Soluble Precursors Bearing Fluorescent Aromatic Core Units. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 2142-2151	3.2	25
95	Synthesis of Secondary Enamides by Ruthenium-Catalyzed Selective Addition of Amides to Terminal Alkynes. <i>Angewandte Chemie</i> , 2008 , 120, 8620-8623	3.6	25
94	Decarboxylative Allylation of Glyoxylic Acids with Diallyl Carbonate. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 4680-4683	3.2	24
93	Ruthenium-Catalyzed Addition of Primary Amides to Alkynes: A Stereoselective Synthesis of Secondary Enamides. <i>Synthesis</i> , 2009 , 2009, 2283-2288	2.9	24
92	Electrochemical ipso-Thiocyanation of Arylboron Compounds. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 3548-3553	5.6	23
91	Metal-Free Trifluoromethylthiolation of Alkyl Electrophiles via a Cascade of Thiocyanation and Nucleophilic Cyanide-CF ₃ Substitution. <i>Synlett</i> , 2015 , 26, 1628-1632	2.2	23
90	Convenient synthesis of pentafluoroethyl thioethers via catalytic Sandmeyer reaction with a stable fluoroalkylthiolation reagent. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 949-952	5.2	23
89	Selective crossed-Tishchenko reaction—a waste-free synthesis of benzyl esters. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11047-9	16.4	23
88	Palladium-catalyzed cross-coupling of sterically demanding boronic acids with bromocarbonyl compounds. <i>Journal of Organic Chemistry</i> , 2011 , 76, 8107-12	4.2	22
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