

Lukas J Goossen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Ru-Catalyzed C-H Arylation of Acrylic Acids with Aryl Bromides.. <i>Organic Letters</i> , 2022 , 24, 3466-3470	6.2	2
224	Ru-Catalyzed (-)-Specific -C-H Alkenylation of Arenecarboxylic Acids by Coupling with Alkenyl Bromides. <i>Organic Letters</i> , 2021 , 23, 3541-3545	6.2	1
223	2,2'-Biaryldicarboxylate Synthesis via Electrocatalytic Dehydrogenative C _H /C _H Coupling of Benzoic Acids. <i>ACS Catalysis</i> , 2021 , 11, 6626-6632	13.1	5
222	Decarboxylation-Initiated Intermolecular Carbon-Heteroatom Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 2678-2722	5.6	17
221	Kupplung von Reformatsky-Reagenzien und Arylchloriden ermöglicht durch Ylid-funktionalisierte Phosphanliganden. <i>Angewandte Chemie</i> , 2021 , 133, 6852-6858	3.6	7
220	Coupling of Reformatsky Reagents with Aryl Chlorides Enabled by Ylide-Functionalized Phosphine Ligands. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 6778-6783	16.4	17
219	Electrochemical Aziridination of Internal Alkenes with Primary Amines. <i>Chem</i> , 2021 , 7, 255-266	16.2	20
218	Isomerization of Functionalized Olefins by Using the Dinuclear Catalyst [Pd (EBr)(P Bu)] : A Mechanistic Study. <i>Chemistry - A European Journal</i> , 2021 , 27, 15226-15238	4.8	0
217	Halogen-verbrückte Methylnaphthylpalladium-Dimere als vielseitig einsetzbare Katalysatorvorstufen in Kreuzkupplungen. <i>Angewandte Chemie</i> , 2021 , 133, 25355	3.6	0
216	Halogen-Bridged Methylnaphthyl Palladium Dimers as Versatile Catalyst Precursors in Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25151-25160	16.4	3
215	Handreinigung auf molekularer Ebene [Die Rolle der Solvatation. <i>Chemie in Unserer Zeit</i> , 2021 , 55, 28-37	0.2	
214	Dinuclear PdI Catalysts in Equilibrium Isomerizations: Mechanistic Understanding, in Silico Casting, and Catalyst Development. <i>ACS Catalysis</i> , 2020 , 10, 4517-4533	13.1	9
213	Taking electrodecaboxylative etherification beyond Hofer-Moest using a radical C-O coupling strategy. <i>Nature Communications</i> , 2020 , 11, 4407	17.4	11
212	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
211	A Comparative Study of Dibenzylideneacetone Palladium Complexes in Catalysis. <i>Organic Process Research and Development</i> , 2019 , 23, 1462-1470	3.9	14
210	Rhodium-Catalyzed ortho-Arylation of (Hetero)aromatic Acids. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 3925-3929	5.6	8
209	Pd-Catalyzed Synthesis of Vinyl Arenes from Aryl Halides and Acrylic Acid. <i>Chemistry - A European Journal</i> , 2019 , 25, 8709-8712	4.8	8

208	Enantio- and Diastereoswitchable C-H Arylation of Methylene Groups in Cycloalkanes. <i>Chemistry - A European Journal</i> , 2019 , 25, 8503-8507	4.8	10
207	Electrochemical ipso-Thiocyanation of Arylboron Compounds. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 3548-3553	5.6	23
206	Dihalogen-bridged NHC-palladium(i) dimers: synthesis, characterisation and applications in cross-coupling reactions. <i>Chemical Communications</i> , 2019 , 55, 5275-5278	5.8	11
205	Isomerizing Olefin Metathesis. <i>Chemistry - A European Journal</i> , 2019 , 25, 7416-7425	4.8	13
204	Ring-Opening -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	6.2	20
203	Iridium-Catalyzed Synthesis of Substituted Indanones from Aromatic Carboxylates and Unsaturated Ketones. <i>ACS Catalysis</i> , 2019 , 9, 8153-8158	13.1	14
202	Front Cover Picture: Electrochemical ipso-Thiocyanation of Arylboron Compounds (Adv. Synth. Catal. 15/2019). <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 3451-3451	5.6	
201	Rhodium-katalysierte Anellierung von Benzoesäuren mit α -ungesättigten Ketonen durch C-H-, CO-OH- und C-C- Bindungsspaltung. <i>Angewandte Chemie</i> , 2019 , 131, 6501-6505	3.6	1
200	Rhodium-Catalyzed Annelation of Benzoic Acids with α -Unsaturated Ketones with Cleavage of C-H, CO-OH, and C-C Bonds. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6435-6439	16.4	18
199	Copper-Mediated Synthesis of (Diethylphosphono)difluoromethyl Thioethers from Diazonium Salts, NaSCN, and TMS-CF ₂ PO(OEt) ₂ . <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 650-653	3	10
198	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
197	Decarboxylative ipso Amination of Activated Benzoic Acids. <i>Angewandte Chemie</i> , 2019 , 131, 902-906	3.6	10
196	Ein hochaktives, Ylid-funktionalisiertes Phosphan für die palladiumkatalysierte Aminierung von Arylchloriden. <i>Angewandte Chemie</i> , 2019 , 131, 3235-3239	3.6	17
195	Decarboxylative ipso Amination of Activated Benzoic Acids. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 892-896	16.4	34
194	Salt-Free Strategy for the Insertion of CO into C-H Bonds: Catalytic Hydroxymethylation of Alkynes. <i>Chemistry - A European Journal</i> , 2018 , 24, 6019-6024	4.8	12
193	Frontispiece: Salt-Free Strategy for the Insertion of CO ₂ into C-H Bonds: Catalytic Hydroxymethylation of Alkynes. <i>Chemistry - A European Journal</i> , 2018 , 24,	4.8	1
192	Rh/Cu-Catalyzed Ketone α -Functionalization by Merging Ketone Dehydrogenation and Carboxyl-Directed C-H Alkylation. <i>ACS Catalysis</i> , 2018 , 8, 4777-4782	13.1	37
191	Regiospecific ortho-C-H Allylation of Benzoic Acids. <i>Angewandte Chemie</i> , 2018 , 130, 14788-14792	3.6	17

190	Regiospecific ortho-C-H Allylation of Benzoic Acids. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14580-14584	16.4	64
189	Practical Reagents and Methods for Nucleophilic and Electrophilic Phosphorothiolations. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 1913-1918	5.6	21
188	Regioselective C-H Alkylation via Carboxylate-Directed Hydroarylation in Water. <i>Chemistry - A European Journal</i> , 2018 , 24, 4537-4541	4.8	31
187	Metal-free trifluoromethylthiolation of arenediazonium salts with Me ₄ NSCF ₃ . <i>Journal of Fluorine Chemistry</i> , 2018 , 210, 132-136	2.1	11
186	Electrochemical C-H Cyanation of Electron-Rich (Hetero)Arenes. <i>Chemistry - A European Journal</i> , 2018 , 24, 11288-11291	4.8	30
185	Synthesis of bio-based surfactants from cashew nutshell liquid in water. <i>Green Chemistry</i> , 2018 , 20, 3210-3213	1.5	15
184	Synthesis of a tyrosinase inhibitor by consecutive ethenolysis and cross-metathesis of crude cashew nutshell liquid. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 2737-2744	2.5	3
183	Carboxylate-directed C-H allylation with allyl alcohols or ethers. <i>Chemical Science</i> , 2018 , 9, 5289-5294	9.4	42
182	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
181	Preparation of Electrophilic Trifluoromethylthio Reagents from Nucleophilic Tetramethylammonium Trifluoromethylthiolate. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 250-254	5.6	15
180	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
179	Synthesis of potential bisphenol A substitutes by isomerising metathesis of renewable raw materials. <i>Green Chemistry</i> , 2017 , 19, 3051-3060	10	66
178	Biofuel by isomerizing metathesis of rapeseed oil esters with (bio)ethylene for use in contemporary diesel engines. <i>Science Advances</i> , 2017 , 3, e1602624	14.3	21
177	Thieme Chemistry Journals Awardees □Where Are They Now? New Reaction Mode in Carboxylate-Directed C-H Functionalizations: Carboxylates as Deciduous Directing Groups. <i>Synlett</i> , 2017 , 28, 1885-1890	2.2	14
176	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	4.2	20
175	Synthesis of perfluoroalkyl thioethers from aromatic thiocyanates by iron-catalysed decarboxylative perfluoroalkylation. <i>Journal of Fluorine Chemistry</i> , 2017 , 198, 89-93	2.1	16
174	Alkoxide-catalyzed addition of alkyl carbonates across alkynes □stereoselective synthesis of (E)-alkoxyacrylates. <i>Green Chemistry</i> , 2017 , 19, 643-646	10	
173	Trifluoromethylthiolation and Trifluoromethylselenolation of □Diazo Esters Catalyzed by Copper. <i>Chemistry - A European Journal</i> , 2016 , 22, 12270-3	4.8	72

172	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
171	ortho-C \equiv N Arylation of Benzoic Acids with Aryl Bromides and Chlorides Catalyzed by Ruthenium. <i>Angewandte Chemie</i> , 2016 , 128, 14972-14975	3.6	31
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	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
168	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
167	Regioselective C \equiv N Hydroarylation of Internal Alkynes with Arenecarboxylates: Carboxylates as Deciduous Directing Groups. <i>Angewandte Chemie</i> , 2016 , 128, 7047-7051	3.6	31
166	Reductive Etherification of Fatty Acids or Esters with Alcohols using Molecular Hydrogen. <i>ChemSusChem</i> , 2016 , 9, 1442-8	8.3	17
165	Selective Monoarylation of Primary Anilines Catalyzed by Pd(dppf) and its Application in OLED Component Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 1589-1594	5.6	6
164	Sandmeyer-Type Trifluoromethylthiolation and Trifluoromethylselenolation of (Hetero)Aromatic Amines Catalyzed by Copper. <i>Chemistry - A European Journal</i> , 2016 , 22, 11-11	4.8	1
163	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
162	Verzweigte Arylalkene aus Zimtsäuren: Selektivitätsumkehr in Heck-Reaktionen durch Carboxylate als abfallende dirigierende Gruppen. <i>Angewandte Chemie</i> , 2016 , 128, 11466-11470	3.6	4
161	Carboxylic Acids as Directing Groups for C-H Bond Functionalization. <i>Chemistry - A European Journal</i> , 2016 , 22, 18654-18677	4.8	205
160	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
159	Selective synthesis of propenyl-branched diunsaturated fatty esters via catalytic codimerization of ethyl linoleate and propylene. <i>European Journal of Lipid Science and Technology</i> , 2016 , 118, 111-116	3	3
158	Late transition metal-catalyzed hydroamination and hydroamidation. <i>Chemical Reviews</i> , 2015 , 115, 2596-697	6.9	685
157	Computational study of the mechanism and selectivity of ruthenium-catalyzed hydroamidations of terminal alkynes. <i>Chemical Science</i> , 2015 , 6, 2532-2552	9.4	21
156	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
155	Synthesis of Biaryls by Decarboxylative Hiyama Coupling. <i>ChemCatChem</i> , 2015 , 7, 2028-2032	5.2	8

154	Metal-Free Trifluoromethylthiolation of Alkyl Electrophiles via a Cascade of Thiocyanation and Nucleophilic Cyanide \rightarrow F3 Substitution. <i>Synlett</i> , 2015 , 26, 1628-1632	2.2	23
153	Iridium-Catalyzed ortho-Arylation of Benzoic Acids with Arenediazonium Salts. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12607-11	16.4	96
152	Bimetallic Cu/Pd Catalysts with Bridging Aminopyrimidinyl Phosphines for Decarboxylative Cross-Coupling Reactions at Moderate Temperature. <i>ChemCatChem</i> , 2015 , 7, 3579-3588	5.2	15
151	Katalytische decarboxylierende Kreuzkupplung von Arylchloriden mit Benzoaten ohne aktivierende ortho-Substituenten. <i>Angewandte Chemie</i> , 2015 , 127, 13324-13327	3.6	17
150	Synthesis of Difluoromethyl Thioethers from Difluoromethyl Trimethylsilane and Organothiocyanates Generated In Situ. <i>Angewandte Chemie</i> , 2015 , 127, 5845-5848	3.6	44
149	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
148	Iridium-katalysierte ortho-Arylierung von Benzoesäuren mit Aryldiazoniumsalzen. <i>Angewandte Chemie</i> , 2015 , 127, 12798-12802	3.6	35
147	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
146	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
145	Arylalkene synthesis via decarboxylative cross-coupling of alkenyl halides. <i>Organic Letters</i> , 2014 , 16, 2664-7	2.6	26
144	Sandmeyer difluoromethylation of (hetero-)arenediazonium salts. <i>Organic Letters</i> , 2014 , 16, 5984-7	6.2	152
143	Synthesis of tsetse fly attractants from a cashew nut shell extract by isomerising metathesis. <i>Green Chemistry</i> , 2014 , 16, 4885-4890	10	40
142	Copper-mediated ortho-nitration of (hetero)arene-carboxylates. <i>Chemistry - A European Journal</i> , 2014 , 20, 9902-5	4.8	70
141	One-Pot Sandmeyer Trifluoromethylation and Trifluoromethylthiolation. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 2343-2348	5.6	67
140	Mechanism of Cu/Pd-catalyzed decarboxylative cross-couplings: a DFT investigation. <i>Journal of the American Chemical Society</i> , 2014 , 136, 10007-23	16.4	81
139	Sandmeyer trifluoromethylthiolation of arenediazonium salts with sodium thiocyanate and Ruppert-Prakash reagent. <i>Chemical Science</i> , 2014 , 5, 1312	9.4	163
138	Copper-Mediated Cross-Coupling Reactions. Herausgegeben von Gwilherm Evano und Nicolas Blanchard.. <i>Angewandte Chemie</i> , 2014 , 126, 5846-5847	3.6	
137	Sandmeyer Trifluoromethylation. <i>Synthesis</i> , 2014 , 46, 2283-2286	2.9	14

136	Synthesis of Allylarenes via Catalytic Decarboxylation of Allyl Benzoates. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 3302-3306	5.6	7
135	Copper-catalyzed dehydrogenative coupling of arenes with alcohols. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9279-83	16.4	76
134	Sandmeyer-Trifluormethylierung von Aryldiazoniumtetrafluorboraten. <i>Angewandte Chemie</i> , 2013 , 125, 8130-8133	3.6	55
133	Rhodium-Catalyzed ortho Acylation of Aromatic Carboxylic Acids. <i>Angewandte Chemie</i> , 2013 , 125, 6836-6840	9.4	25
132	Copper-Catalyzed Dehydrogenative Coupling of Arenes with Alcohols. <i>Angewandte Chemie</i> , 2013 , 125, 9449-9453	3.6	17
131	One-pot synthesis of 3-alkylidene-phthalides 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
130	Decarboxylative allylation of arylglyoxylic acids with allyl alcohol. <i>Journal of Organometallic Chemistry</i> , 2013 , 744, 140-143	2.3	8
129	Isomerizing ethenolysis as an efficient strategy for styrene synthesis. <i>Chemistry - A European Journal</i> , 2013 , 19, 9807-10	4.8	31
128	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
127	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
126	Facile Synthesis of Monodisperse Maghemite and Ferrite Nanocrystals from Metal Powder and Octanoic Acid. <i>Chemistry of Materials</i> , 2013 , 25, 1430-1435	9.6	19
125	Synthesis of arylacetates from benzylic alcohols and oxalate esters through decarboxylative coupling. <i>Chemistry - A European Journal</i> , 2013 , 19, 7334-7	4.8	16
124	Sandmeyer trifluoromethylation of arenediazonium tetrafluoroborates. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7972-5	16.4	160
123	Rhodium-catalyzed ortho acylation of aromatic carboxylic acids. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 6704-8	16.4	65
122	Synthesis of Aryl Ethers from Aromatic Carboxylic Acids. <i>Synthesis</i> , 2013 , 45, 2387-2390	2.9	8
121	Decarboxylierende Kreuzkupplung von Mesylaten katalysiert durch ein Kupfer/Palladium-System mit maßgeschneiderten Imidazolylphosphanliganden. <i>Angewandte Chemie</i> , 2013 , 125, 3026-3030	3.6	29
120	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
119	Oxidative trifluoromethylation of arylboronates with shelf-stable potassium (trifluoromethyl)trimethoxyborate. <i>Chemistry - A European Journal</i> , 2012 , 18, 1577-81	4.8	99

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	3.2	28
117	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
116	[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
115	Catalytic C≡C Carboxylation of Terminal Alkynes with Carbon Dioxide. <i>ACS Catalysis</i> , 2012 , 2, 2014-2021	13.1	163
114	Decarboxylative etherification of aromatic carboxylic acids. <i>Journal of the American Chemical Society</i> , 2012 , 134, 9938-41	16.4	147
113	Catalytic Transformations Involving the Activation of sp ² Carbon-Oxygen Bonds. <i>Topics in Organometallic Chemistry</i> , 2012 , 35-53	0.6	80
112	Decarboxylative Coupling Reactions. <i>Topics in Organometallic Chemistry</i> , 2012 , 121-141	0.6	51
111	Reinventing Amide Bond Formation. <i>Topics in Organometallic Chemistry</i> , 2012 , 13-33	0.6	35
110	Electronic laboratory notebook: the academic point of view. <i>Journal of Chemical Information and Modeling</i> , 2012 , 52, 293-301	6.1	21
109	Simple Access to Soluble Precursors Bearing Fluorescent Aromatic Core Units. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 2142-2151	3.2	25
108	Decarboxylative Allylation of Glyoxylic Acids with Diallyl Carbonate. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 4680-4683	3.2	24
107	C≡C 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
106	Carboxylates as sources of carbon nucleophiles and electrophiles: comparison of decarboxylative and decarbonylative pathways. <i>Chemical Science</i> , 2012 , 3, 2671	9.4	416
105	Selective Copper- or Silver-Catalyzed Decarboxylative Deuteration of Aromatic Carboxylic Acids. <i>Synthesis</i> , 2012 , 2012, 184-193	2.9	7
104	Palladium-catalyzed cross-coupling of sterically demanding boronic acids with α-bromocarbonyl compounds. <i>Journal of Organic Chemistry</i> , 2011 , 76, 8107-12	4.2	22
103	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
102	Decarboxylative biaryl synthesis in a continuous flow reactor. <i>Chemical Communications</i> , 2011 , 47, 3628-30	3.8	42
101	Decarboxylative coupling reactions: a modern strategy for C-C-bond formation. <i>Chemical Society Reviews</i> , 2011 , 40, 5030-48	58.5	1056

100	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
99	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	5.6	40
98	Practical Synthesis of 2-Arylacetic Acid Esters via Palladium- Catalyzed Dealkoxycarbonylative Coupling of Malonates with Aryl Halides. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 1565-1574	5.6	13
97	Palladium/Copper-Catalyzed Di- α -arylation of Acetic Acid Esters. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 1688-1694	5.6	20
96	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
95	Selektive gekreuzte Tishchenko-Reaktion –eine abfallfreie Synthese von Benzylestern. <i>Angewandte Chemie</i> , 2011 , 123, 11241-11243	3.6	9
94	Selective crossed-Tishchenko reaction—a waste-free synthesis of benzyl esters. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11047-9	16.4	23
93	Copper-catalyzed trifluoromethylation of aryl iodides with potassium (trifluoromethyl)trimethoxyborate. <i>Chemistry - A European Journal</i> , 2011 , 17, 2689-97	4.8	243
92	Regioselective synthesis of α -aryl- and β -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
91	Synthesis of α -unsaturated ketones by Pd-catalyzed decarboxylative allylation of α -oxocarboxylates. <i>Chemistry - A European Journal</i> , 2011 , 17, 13688-91	4.8	22
90	Ein Elektronisches Laborjournal. <i>Chemie in Unserer Zeit</i> , 2011 , 45, 56-57	0.2	1
89	Z-Selective hydroamidation of terminal alkynes with secondary amides and imides catalyzed by a Ru/Yb-system. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 170-178	2.3	20
88	Synthesis of Botryllamides and Lansiumamides via Ruthenium-Catalyzed Hydroamidation of Alkynes. <i>Synlett</i> , 2010 , 2010, 1685-1687	2.2	18
87	Pd-catalyzed decarboxylative Heck vinylation of 2-nitrobenzoates in the presence of CuF ₂ . <i>Beilstein Journal of Organic Chemistry</i> , 2010 , 6, 43	2.5	27
86	Silver triflate-catalysed synthesis of β -lactones from fatty acids. <i>Green Chemistry</i> , 2010 , 12, 197-200	10	48
85	Comparative Study of Copper- and Silver-Catalyzed Protodecarboxylations of Carboxylic Acids. <i>ChemCatChem</i> , 2010 , 2, 430-442	5.2	118
84	Decarboxylative Coupling Reactions. <i>Israel Journal of Chemistry</i> , 2010 , 50, 617-629	3.4	123
83	Low-Pressure Hydrogenation of Arenecarboxylic Acids to Aryl Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 2166-2170	5.6	22

82	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	5.6	156
81	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
80	Decarboxylative Cross-Coupling of Aryl Tosylates with Aromatic Carboxylate Salts. <i>Angewandte Chemie</i> , 2010 , 122, 1129-1132	3.6	60
79	Decarboxylative cross-coupling of aryl tosylates with aromatic carboxylate salts. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1111-4	16.4	199
78	Ruthenium-Catalyzed Addition of Primary Amides to Alkynes: A Stereoselective Synthesis of Secondary Enamides. <i>Synthesis</i> , 2009 , 2009, 2283-2288	2.9	24
77	Synthesis of Biaryls and Aryl Ketones via Microwave-Assisted Decarboxylative Cross-Couplings. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 2667-2674	5.6	74
76	C(Aryl)-O-Aktivierung von Arylcarboxylaten in nickelkatalysierten Biarylsynthesen. <i>Angewandte Chemie</i> , 2009 , 121, 3621-3624	3.6	45
75	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
74	Stereoselektive Synthese von β -Chlorvinyl-substituierten Ketonen und Arenen durch katalytische Addition von S ₂ rechloriden an Alkine. <i>Angewandte Chemie</i> , 2009 , 121, 9770-9772	3.6	7
73	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
72	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
71	Silver-catalysed protodecarboxylation of carboxylic acids. <i>Chemical Communications</i> , 2009 , 7173-5	5.8	164
70	Microwave-assisted Cu-catalyzed protodecarboxylation of aromatic carboxylic acids. <i>Journal of Organic Chemistry</i> , 2009 , 74, 2620-3	4.2	120
69	The Thermal Amidation of Carboxylic Acids Revisited. <i>Synthesis</i> , 2009 , 2009, 160-164	2.9	81
68	Ruthenium-catalyzed stereoselective anti-Markovnikov-addition of thioamides to alkynes. <i>Organic Letters</i> , 2008 , 10, 4497-9	6.2	42
67	Decarboxylative biaryl synthesis from aromatic carboxylates and aryl triflates. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15248-9	16.4	238
66	Concise synthesis of telmisartan via decarboxylative cross-coupling. <i>Journal of Organic Chemistry</i> , 2008 , 73, 8631-4	4.2	58
65	New catalytic transformations of carboxylic acids. <i>Pure and Applied Chemistry</i> , 2008 , 80, 1725-1733	2.1	141

64	Carboxylic acids as substrates in homogeneous catalysis. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3100-20	16.4	932
63	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
62	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
61	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
60	Cover Picture: Carboxylic Acids as Substrates in Homogeneous Catalysis (Angew. Chem. Int. Ed. 17/2008). <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3067-3067	16.4	3
59	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
58	Carbonsäuren als Substrate in der homogenen Katalyse. <i>Angewandte Chemie</i> , 2008 , 120, 3144-3164	3.6	280
57	Synthese von Ketonen aus Oxocarboxylaten und Arylbromiden durch Cu/Pd-katalysierte decarboxylierende Kreuzkupplung. <i>Angewandte Chemie</i> , 2008 , 120, 3085-3088	3.6	91
56	Pd/Cu-katalysierte decarboxylierende Kreuzkupplung von Arylchloriden und Kaliumcarboxylaten. <i>Angewandte Chemie</i> , 2008 , 120, 7211-7214	3.6	83
55	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
54	Titelbild: Carbonsäuren als Substrate in der homogenen Katalyse (Angew. Chem. 17/2008). <i>Angewandte Chemie</i> , 2008 , 120, 3111-3111	3.6	2
53	Synthesis of 2-Substituted Biaryls Via Cu/Pd-Catalyzed Decarboxylative Cross-Coupling of 2-Substituted Potassium Benzoates: 4-Methyl-2'-Nitrobiphenyl and 2-Acetyl-4'-Methylbiphenyl 2008 , 196-208		4
52	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
51	Synthesis of valsartan via decarboxylative biaryl coupling. <i>Journal of Organic Chemistry</i> , 2007 , 72, 7473-64.2		92
50	Heterodimerization of olefins: a highly promising strategy for the selective synthesis of functionalized alkenes. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7544-6	16.4	19
49	Heterodimerisierung von Olefinen: eine vielversprechende Strategie zur selektiven Synthese funktionalisierter Alkene. <i>Angewandte Chemie</i> , 2007 , 119, 7688-7690	3.6	7
48	Copper-Catalyzed Protodecarboxylation of Aromatic Carboxylic Acids. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 2241-2246	5.6	174
47	Catalytic Reductive Etherification of Ketones with Alcohols at Ambient Hydrogen Pressure: A Practical, Waste-Minimized Synthesis of Dialkyl Ethers. <i>Synlett</i> , 2006 , 2006, 3489-3491	2.2	17

46	Palladium Monophosphine Intermediates in Catalytic Cross-Coupling Reactions: A DFT Study. <i>Organometallics</i> , 2006 , 25, 54-67	3.8	113
45	Ru-catalyzed stereoselective addition of imides to alkynes. <i>Journal of Organic Chemistry</i> , 2006 , 71, 9506-9512	4.2	47
44	Synthesis of biaryls via catalytic decarboxylative coupling. <i>Science</i> , 2006 , 313, 662-4	33.3	806
43	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
42	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
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, 4042-5	16.4	102
40	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
39	Practical Protocol for the Palladium-Catalyzed Synthesis of Arylphosphonates from Bromoarenes and Diethyl Phosphite. <i>Synlett</i> , 2005 , 2005, 445-448	2.2	34
38	Buchwald-Hartwig Aminations of Aryl Chlorides: A Practical Protocol Based on Commercially Available Pd(0)-NHC Catalysts. <i>Synlett</i> , 2005 , 2005, 275-278	2.2	20
37	A Convenient Protocol for the Esterification of Carboxylic Acids with Alcohols in the Presence of di- <i>t</i> -Butyl Dicarboxylate. <i>Synlett</i> , 2004 , 2004, 0263-0266	2.2	22
36	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
35	A simple and practical protocol for the palladium-catalyzed cross-coupling of boronic acids with methyl iodide. <i>Applied Organometallic Chemistry</i> , 2004 , 18, 602-604	3.1	18
34	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
33	Decarbonylierende Heck-Olefinierung von Enolestern: ein salzfreier und umweltfreundlicher Zugang zu Vinylarenen. <i>Angewandte Chemie</i> , 2004 , 116, 1115-1118	3.6	45
32	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
31	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
30	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	5.6	69
29	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

28	Enantioselective Rh-catalyzed hydrogenation of vinyl carboxylates with monodentate phosphite ligands. <i>Organic Letters</i> , 2003 , 5, 3099-101	6.2	69
27	Regiocontrolled Ru-catalyzed addition of carboxylic acids to alkynes: practical protocols for the synthesis of vinyl esters. <i>Chemical Communications</i> , 2003 , 706-7	5.8	14
26	Pd-Catalyzed Decarbonylative Olefination of Aryl Esters: Towards a Waste-Free Heck Reaction. <i>Angewandte Chemie</i> , 2002 , 114, 1285-1289	3.6	62
25	Buchbesprechung: Cross-Coupling Reactions IIA Practical Guide. Herausgegeben von Norio Miyaoura. <i>Angewandte Chemie</i> , 2002 , 114, 2971-2972	3.6	
24	Asymmetrische Hydrovinylierung: neue Perspektiven durch modulare Ligandensysteme. <i>Angewandte Chemie</i> , 2002 , 114, 3929-3932	3.6	17
23	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
22	Asymmetric hydrovinylation: new perspectives through use of modular ligand systems. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3775-8	16.4	50
21	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
20	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
19	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
18	New Pd-catalyzed selective reduction of carboxylic acids to aldehydes. <i>Chemical Communications</i> , 2002 , 836-7	5.8	34
17	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
16	Palladium-Catalyzed Synthesis of Aryl Ketones from Boronic Acids and Carboxylic Acids or Anhydrides We thank M. Rßsig 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
15	A new practical ketone synthesis directly from carboxylic acids: first application of coupling reagents in palladium catalysis. <i>Chemical Communications</i> , 2001 , 2084-2085	5.8	13
14	Pd-catalyzed synthesis of arylacetic acid derivatives from boronic acids. <i>Chemical Communications</i> , 2001 , 669-670	5.8	85
13	Katalytische asymmetrische Aminohydroxylierung mit Amino-substituierten Heterocyclen als Stickstoffquelle. <i>Angewandte Chemie</i> , 1999 , 111, 1149-1152	3.6	8
12	Catalytic asymmetric aminohydroxylation with amino-substituted heterocycles as nitrogen sources. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1080-3	16.4	45
11	Catalytic aminohydroxylation using adenine-derivatives as the nitrogen source. <i>Tetrahedron Letters</i> , 1998 , 39, 7669-7672	2	13

10	Chiral Oxazoline/Imidazoline-2-ylidene Complexes <i>Organometallics</i> , 1998 , 17, 2162-2168	3.8	164
9	Structures of the Anionic Mo/Co/S Cluster Salts [BnNMe ₃][Cp*Mo ₂ Co ₂ S ₄ (CO) ₂], [Na(15-crown-5) _{1.5}][Cp* ₂ Mo ₂ Co ₂ S ₄ (CO) ₂], and [BnNMe ₃][Cp*Mo ₂ Co ₂ S ₃ (CO) ₃ (SAr)] (Bn = Benzyl, Cp* = C ₅ Me ₄ Et, Ar = p-Tolyl). <i>Organometallics</i> , 1997 , 16, 231-235	3.8	19
8	Metal Complexes of Chiral Imidazolin-2-ylidene Ligands. <i>Organometallics</i> , 1997 , 16, 2472-2477	3.8	121
7	Functionalized imidazoline-2-ylidene complexes of rhodium and palladium. <i>Journal of Organometallic Chemistry</i> , 1997 , 547, 357-366	2.3	172
6	Chirale Heterocyclencarbene in der asymmetrischen Homogenkatalyse. <i>Angewandte Chemie</i> , 1996 , 108, 2980-2982	3.6	77
5	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
4	Chiral Heterocyclic Carbenes in Asymmetric Homogeneous Catalysis. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 2805-2807		299
3	The First Stibepine: Synthesis and Structure of Sb-Chlorobenzo[d]stibepine. <i>Angewandte Chemie International Edition in English</i> , 1992 , 31, 1642-1643		11
2	Das erste Stibepin: Synthese und Struktur von Sb-Chlorbenzo[d]stibepin. <i>Angewandte Chemie</i> , 1992 , 104, 1669-1670	3.6	0
1	Ylide-Functionalized Diisopropyl Phosphine (prYPhos): A Ligand for Selective Suzuki-Miyaura Couplings of Aryl Chlorides. <i>Advanced Synthesis and Catalysis</i> ,	5.6	0