

# Karl A Scheidt

## 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.

200  
papers

24,774  
citations

69  
h-index

156  
g-index

297  
ext. papers

26,783  
ext. citations

9.9  
avg, IF

7.41  
L-index

#	Paper	IF	Citations
200	Combined Photoredox and Carbene Catalysis for the Synthesis of $\alpha$ -Aryloxy Ketones.. <i>Advanced Synthesis and Catalysis</i> , <b>2022</b> , 364, 518-524	5.6	7
199	Discovery of Highly Potent Serotonin 5-HT Receptor Agonists Inspired by Heteroyohimbine Natural Products.. <i>ACS Medicinal Chemistry Letters</i> , <b>2022</b> , 13, 648-657	4.3	0
198	Synthesis of Cyclohexanones by a Tandem Photocatalyzed Annulation.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	3
197	Photocatalytic acyl azolium-promoted alkoxyacylation of trifluoroborates. <i>Tetrahedron</i> , <b>2021</b> , 92,	2.4	4
196	Light-Driven Carbene Catalysis for the Synthesis of Aliphatic and $\alpha$ -Amino Ketones. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 18069-18075	3.6	2
195	Light-Driven Carbene Catalysis for the Synthesis of Aliphatic and $\alpha$ -Amino Ketones. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 17925-17931	16.4	17
194	Rational Design, Optimization, and Biological Evaluation of Novel MEK4 Inhibitors against Pancreatic Adenocarcinoma. <i>ACS Medicinal Chemistry Letters</i> , <b>2021</b> , 12, 1559-1567	4.3	2
193	High-throughput photocapture approach for reaction discovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 13261-13266	11.5	24
192	Combined Photoredox and Carbene Catalysis for the Synthesis of Ketones from Carboxylic Acids**. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 9228-9233	3.6	15
191	Development of Ferrocene-Based Planar Chiral Imidazopyridinium Salts for Catalysis. <i>Organometallics</i> , <b>2020</b> , 39, 2705-2712	3.8	3
190	A Sequential Umpolung/Enzymatic Dynamic Kinetic Resolution Strategy for the Synthesis of $\beta$ -Lactones. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 5794-5798	4.8	5
189	Combined Photoredox and Carbene Catalysis for the Synthesis of Ketones from Carboxylic Acids. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 9143-9148	16.4	68
188	A Concise, Enantioselective Approach for the Synthesis of Yohimbine Alkaloids. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 2187-2192	16.4	15
187	Non-Classical MEKs: A review of MEK3-7 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 127203	2.9	4
186	Radical coupling of $\alpha$ -ketoesters and amides promoted by Brønsted/Lewis acids. <i>Green Synthesis and Catalysis</i> , <b>2020</b> , 1, 70-74	9.3	5
185	Targeted Covalent Inhibition of Telomerase. <i>ACS Chemical Biology</i> , <b>2020</b> , 15, 706-717	4.9	4
184	Computational planning of the synthesis of complex natural products. <i>Nature</i> , <b>2020</b> , 588, 83-88	50.4	47

183	Mechanism and origins of selectivity in the enantioselective oxa-Pictet-Spengler reaction: a cooperative catalytic complex from a hydrogen bond donor and chiral phosphoric acid. <i>Chemical Science</i> , <b>2020</b> , 11, 8736-8743	9.4	6
182	Modeling MEK4 Kinase Inhibitors through Perturbed Electrostatic Potential Charges. <i>Journal of Chemical Information and Modeling</i> , <b>2019</b> , 59, 4460-4466	6.1	3
181	Synthesis and Biological Evaluation of 3-Arylindazoles as Selective MEK4 Inhibitors. <i>ChemMedChem</i> , <b>2019</b> , 14, 615-620	3.7	8
180	Synthesis and Evaluation of Azolium-Based Halogen-Bond Donors. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 10069-10073	4.8	32
179	Carbene-Catalyzed Enantioselective Decarboxylative Annulations to Access Dihydrobenzoxazinones and Quinolones. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 5941-5945	16.4	34
178	Carbene-Catalyzed Enantioselective Decarboxylative Annulations to Access Dihydrobenzoxazinones and Quinolones. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 6002-6006	3.6	14
177	Reductive annulations of arylidene malonates with unsaturated electrophiles using photoredox/Lewis acid cooperative catalysis. <i>Chemical Science</i> , <b>2019</b> , 10, 3353-3359	9.4	18
176	Reductive Arylation of Arylidene Malonates Using Photoredox Catalysis. <i>ACS Catalysis</i> , <b>2019</b> , 9, 10350-10357	13.7	24
175	Combined Photoredox/Enzymatic C-H Benzylic Hydroxylations. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 16642-16646	6.6	9
174	Combined Photoredox/Enzymatic C-H Benzylic Hydroxylations. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 16490-16494	16.4	34
173	N-Heterocyclic Carbene Catalysis in Natural Product and Complex Target Synthesis <b>2019</b> , 345-404		1
172	Conjugate Additions of Amines to Maleimides via Cooperative Catalysis. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 1719-1725	5.6	7
171	A continuing challenge: N-heterocyclic carbene-catalyzed syntheses of $\epsilon$ -butyrolactones. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 1773-1782	58.5	167
170	Calcium(ii)-catalyzed enantioselective conjugate additions of amines. <i>Chemical Science</i> , <b>2018</b> , 9, 1634-1639	9.4	10
169	An Enantioselective Cross-Dehydrogenative Coupling Catalysis Approach to Substituted Tetrahydropyrans. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 6212-6216	16.4	43
168	Precision therapeutic targeting of human cancer cell motility. <i>Nature Communications</i> , <b>2018</b> , 9, 2454	17.4	13
167	Enantioselective Synthesis of $\beta$ -Amidoboronates Catalyzed by Planar-Chiral NHC-Cu(I) Complexes. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 10644-10648	16.4	33
166	NHC-Catalyzed Formal [2+2] Annulations of Allenates for the Synthesis of Substituted Oxetanes. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 14637-14645	4.2	14

165	A Cooperative Hydrogen Bond Donor-Brønsted Acid System for the Enantioselective Synthesis of Tetrahydropyrans. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 17225-17229	16.4	32
164	A Cooperative Hydrogen Bond Donor-Brønsted Acid System for the Enantioselective Synthesis of Tetrahydropyrans. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17471-17475	3.6	8
163	Intermolecular Reductive Couplings of Arylidene Malonates via Lewis Acid/Photoredox Cooperative Catalysis. <i>Organic Letters</i> , <b>2018</b> , 20, 6877-6881	6.2	27
162	Tuning nanophase separation behavior in segmented polyhydroxyurethane via judicious choice of soft segment. <i>Polymer</i> , <b>2017</b> , 110, 218-227	3.9	29
161	A Biocatalytic Route to Highly Enantioenriched $\beta$ -Hydroxydioxinones. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 1131-1137	5.6	10
160	Front Cover Picture: A Biocatalytic Route to Highly Enantioenriched $\beta$ -Hydroxydioxinones (Adv. Synth. Catal. 7/2017). <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 1065-1065	5.6	
159	A Chemical Probe Strategy for Interrogating Inhibitor Selectivity Across the MEK Kinase Family. <i>ACS Chemical Biology</i> , <b>2017</b> , 12, 1245-1256	4.9	12
158	Combined Effects of Carbonate and Soft-Segment Molecular Structures on the Nanophase Separation and Properties of Segmented Polyhydroxyurethane. <i>Macromolecules</i> , <b>2017</b> , 50, 3193-3203	5.5	32
157	Catalytic, Enantioselective $\beta$ -Protonation through a Cooperative Activation Strategy. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 4689-4702	4.2	20
156	A Carbene Catalysis Strategy for the Synthesis of Protoilludane Natural Products. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 9996-9999	3.6	9
155	A Carbene Catalysis Strategy for the Synthesis of Protoilludane Natural Products. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 9864-9867	16.4	22
154	A Cooperative Ternary Catalysis System for Asymmetric Lactonizations of $\beta$ -Ketoesters. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 3713-3719	5.6	11
153	Formation of Aza-ortho-quinone Methides Under Room Temperature Conditions: CsCO Effect. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 7183-7189	4.2	17
152	Kooperative Katalyse mit N-heterocyclischen Carbenen. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 15134-15145	3.6	139
151	Cooperative Catalysis and Activation with N-Heterocyclic Carbenes. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 14912-14922	16.4	334
150	Novel thermoplastic polyhydroxyurethane elastomers as effective damping materials over broad temperature ranges. <i>European Polymer Journal</i> , <b>2016</b> , 84, 770-783	5.2	57
149	Nonisocyanate Thermoplastic Polyhydroxyurethane Elastomers via Cyclic Carbonate Aminolysis: Critical Role of Hydroxyl Groups in Controlling Nanophase Separation. <i>ACS Macro Letters</i> , <b>2016</b> , 5, 424-429	6.6	65
148	Azaindole synthesis through dual activation catalysis with N-heterocyclic carbenes. <i>Chemical Communications</i> , <b>2016</b> , 52, 9283-6	5.8	12

147	Lewis Acid Activation of a Hydrogen Bond Donor Metal-Organic Framework for Catalysis. <i>ACS Catalysis</i> , <b>2016</b> , 6, 3248-3252	13.1	59
146	Emerging Roles of in Situ Generated Quinone Methides in Metal-Free Catalysis. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 10145-10153	4.2	198
145	Pyranone natural products as inspirations for catalytic reaction discovery and development. <i>Accounts of Chemical Research</i> , <b>2015</b> , 48, 1172-83	24.3	28
144	Virtual High-Throughput Screening To Identify Novel Activin Antagonists. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 5637-48	8.3	13
143	Enantioselective Syntheses of Heteroyohimbine Natural Products: A Unified Approach through Cooperative Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 6900-4	16.4	22
142	Cooperative Catalysis of Cyclic Carbonate Ring Opening: Application Towards Non-Isocyanate Polyurethane Materials. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 2791-2795	3.2	43
141	Enantioselective $\beta$ -Protonation by a Cooperative Catalysis Strategy. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 5891-4	16.4	66
140	A biomimetic strategy to access the silybins: total synthesis of (-)-isosilybin A. <i>Organic Letters</i> , <b>2015</b> , 17, 98-101	6.2	21
139	Functionalized cyclopentenones through a tandem NHC-catalyzed dynamic kinetic resolution and ambient temperature decarboxylation: mechanistic insight and synthetic application. <i>Chemical Communications</i> , <b>2015</b> , 51, 2690-3	5.8	17
138	Ferrocene-Based Planar Chiral Imidazopyridinium Salts for Catalysis. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 4338-4342	3.6	23
137	Enantioselective Syntheses of Heteroyohimbine Natural Products: A Unified Approach through Cooperative Catalysis. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 7004-7008	3.6	6
136	N-Heterocyclic carbene-catalyzed enantioselective annulations: a dual activation strategy for a formal [4+2] addition for dihydrocoumarins. <i>Chemical Communications</i> , <b>2015</b> , 51, 3407-10	5.8	95
135	Ferrocene-based planar chiral imidazopyridinium salts for catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 4264-8	16.4	69
134	Catalytic enantioselective synthesis of 2-aryl-chromenes. <i>Chemical Science</i> , <b>2014</b> , 5, 2277-2281	9.4	26
133	Asymmetric homoenolate additions to acyl phosphonates through rational design of a tailored N-heterocyclic carbene catalyst. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 76-9	16.4	82
132	Catalytic Kinetic Resolution of a Dynamic Racemate: Highly Stereoselective $\beta$ -Lactone Formation by N-Heterocyclic Carbene Catalysis. <i>Chemical Science</i> , <b>2014</b> , 5, 1974-1982	9.4	60
131	Enantioselective annulations for dihydroquinolones by in situ generation of azolium enolates. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 10589-92	16.4	184
130	N-Heterocyclic-Carbene-Catalyzed Synthesis of 2-Aryl Indoles. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 9757-9763	3.6	35

129	A Cooperative N-Heterocyclic Carbene/Palladium Catalysis System. <i>Chemical Science</i> , <b>2014</b> , 5, 4026-4031	9.4	84
128	N-heterocyclic-carbene-catalyzed synthesis of 2-aryl indoles. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 9603-7	16.4	72
127	Discovery of 1,3,4-oxidiazole scaffold compounds as inhibitors of superoxide dismutase expression. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 1532-7	2.9	11
126	A cooperative N-heterocyclic carbene/chiral phosphate catalysis system for allenolate annulations. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 7594-8	16.4	62
125	A Cooperative N-Heterocyclic Carbene/Chiral Phosphate Catalysis System for Allenolate Annulations. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 7724-7728	3.6	15
124	A dual Lewis base activation strategy for enantioselective carbene-catalyzed annulations. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 10634-7	16.4	274
123	Exploring Prins Strategies for the Synthesis of Okilactomycin. <i>Strategies and Tactics in Organic Synthesis</i> , <b>2013</b> , 9, 231-248	0.2	1
122	A tandem isomerization/prins strategy: iridium(III)/Brønsted acid cooperative catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 12910-4	16.4	61
121	A facile synthesis of UiO-66, UiO-67 and their derivatives. <i>Chemical Communications</i> , <b>2013</b> , 49, 9449-51	5.8	1013
120	A mixed dicarboxylate strut approach to enhancing catalytic activity of a de novo urea derivative of metal-organic framework UiO-67. <i>Chemical Communications</i> , <b>2013</b> , 49, 10920-2	5.8	81
119	N-Heterocyclic Carbene-Catalyzed Aldol Desymmetrizations <b>2013</b> , 309-316		
118	A Concise Enantioselective Synthesis and Cytotoxic Evaluation of the Anticancer Rotenoid Deguelin Enabled by a Tandem Knoevenagel/Conjugate Addition/Decarboxylation Sequence. <i>Chemical Science</i> , <b>2013</b> , 4, 3304-3309	9.4	27
117	A zwitterionic metal-organic framework with free carboxylic acid sites that exhibits enhanced hydrogen adsorption energies. <i>CrystEngComm</i> , <b>2013</b> , 15, 9408	3.3	19
116	Enantioselective N-heterocyclic carbene catalyzed annulation reactions with imidazolidinones. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 13616-20	16.4	66
115	Enantioselective N-Heterocyclic Carbene Catalyzed Annulation Reactions with Imidazolidinones. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 13861-13865	3.6	26
114	A Tandem Isomerization/Prins Strategy: Iridium(III)/Brønsted Acid Cooperative Catalysis. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 13148-13152	3.6	24
113	A fluorescence-based thermal shift assay identifies inhibitors of mitogen activated protein kinase kinase 4. <i>PLoS ONE</i> , <b>2013</b> , 8, e81504	3.7	25
112	Asymmetric Methods for the Synthesis of Flavanones, Chromanones, and Azaflavanones. <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 449-462	3.2	79

111	Lewis base-promoted carbon-carbon $sp^3-sp^3$ coupling reactions of $\beta$ -silyl silylethers. <i>Chemical Science</i> , <b>2012</b> , 3, 1205	9.4	8
110	Anwendungen der Katalyse mit N-heterocyclischen Carbenen in Totalsynthesen. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 11854-11866	3.6	163
109	A continuum of progress: applications of N-heterocyclic carbene catalysis in total synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 11686-98	16.4	452
108	Cooperative Lewis acid-/heterocyclic carbene catalysis. <i>Chemical Science</i> , <b>2012</b> , 3, 53-57	9.4	410
107	Carbene Catalysis: Beyond the Benzoin and Stetter Reactions. <i>Topics in Organometallic Chemistry</i> , <b>2012</b> , 233-259	0.6	4
106	Single-Molecule Tip-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 478-483	3.8	206
105	Urea metal-organic frameworks as effective and size-selective hydrogen-bond catalysts. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 3334-7	16.4	260
104	Assembly of four diverse heterocyclic libraries enabled by Prins cyclization, Au-catalyzed enyne cycloisomerization, and automated amide synthesis. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 7435-70	4.2	20
103	N-Heterocyclic Carbene-Like Catalysis by a Metal-Organic Framework Material. <i>ACS Catalysis</i> , <b>2012</b> , 2, 1550-1554	13.1	100
102	An N-Heterocyclic Carbene/Lewis Acid Strategy for the Stereoselective Synthesis of Spirooxindole Lactones. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 5047-5051	3.6	97
101	Catalytic Dynamic Kinetic Resolutions with N-Heterocyclic Carbenes: Asymmetric Synthesis of Highly Substituted $\beta$ -Lactones. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 7421-7425	3.6	41
100	An N-heterocyclic carbene/Lewis acid strategy for the stereoselective synthesis of spirooxindole lactones. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 4963-7	16.4	240
99	Catalytic dynamic kinetic resolutions with N-heterocyclic carbenes: asymmetric synthesis of highly substituted $\beta$ -lactones. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 7309-13	16.4	94
98	Single-molecule surface-enhanced Raman spectroscopy of crystal violet isotopologues: theory and experiment. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 4115-22	16.4	358
97	N-Heterocyclic Carbene-Promoted Ruthenium-Catalyzed Reactions between Vinyl Sulfones and $\alpha,\beta$ -Unsaturated Aldehydes. <i>Australian Journal of Chemistry</i> , <b>2011</b> , 64, 1158-1164	1.2	26
96	Highly stereoselective Brønsted acid catalyzed synthesis of spirooxindole pyrans. <i>Organic Letters</i> , <b>2011</b> , 13, 3086-9	6.2	66
95	Two Azolium Rings Are Better Than One: A Strategy for Controlling Catenation and Morphology in Zn and Cu Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , <b>2011</b> , 11, 4747-4750	3.5	44
94	NHC-catalyzed/titanium(IV)-mediated highly diastereo- and enantioselective dimerization of enals. <i>Organic Letters</i> , <b>2011</b> , 13, 1068-71	6.2	77

93	Lewis Acid Activated Synthesis of Highly Substituted Cyclopentanes by the N-Heterocyclic Carbene Catalyzed Addition of Homoenolate Equivalents to Unsaturated Ketoesters. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 1716-1720	3.6	58
92	Innentitelbild: Lewis Acid Activated Synthesis of Highly Substituted Cyclopentanes by the N-Heterocyclic Carbene Catalyzed Addition of Homoenolate Equivalents to Unsaturated Ketoesters (Angew. Chem. 7/2011). <i>Angewandte Chemie</i> , <b>2011</b> , 123, 1484-1484	3.6	
91	Synthesis of (±)-Okilactomycin by a Prins-Type Fragment-Assembly Strategy. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 6014-6017	3.6	7
90	Enantioselective Synthesis of (±)-Exiguolide by Iterative Stereoselective Dioxinone-Directed Prins Cyclizations. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 9278-9281	3.6	17
89	Lewis acid activated synthesis of highly substituted cyclopentanes by the N-heterocyclic carbene catalyzed addition of homoenolate equivalents to unsaturated ketoesters. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 1678-82	16.4	146
88	Inside Cover: Lewis Acid Activated Synthesis of Highly Substituted Cyclopentanes by the N-Heterocyclic Carbene Catalyzed Addition of Homoenolate Equivalents to Unsaturated Ketoesters (Angew. Chem. Int. Ed. 7/2011). <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 1448-1448	16.4	
87	Synthesis of (-)-okilactomycin by a Prins-type fragment-assembly strategy. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 5892-5	16.4	33
86	Enantioselective synthesis of (-)-exiguolide by iterative stereoselective dioxinone-directed Prins cyclizations. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 9112-5	16.4	51
85	N-heterocyclic carbene-catalyzed rearrangements of vinyl sulfones. <i>Chemical Science</i> , <b>2011</b> , 2, 1772-1776	9.4	77
84	Cooperative catalysis by carbenes and Lewis acids in a highly stereoselective route to gamma-lactams. <i>Nature Chemistry</i> , <b>2010</b> , 2, 766-71	17.6	345
83	Concise syntheses of the abyssinones and discovery of new inhibitors of prostate cancer and MMP-2 expression. <i>ACS Medicinal Chemistry Letters</i> , <b>2010</b> , 1, 400-405	4.3	35
82	Catalytic enantioselective total syntheses of bakkenolides I, J, and S: application of a carbene-catalyzed desymmetrization. <i>Organic Letters</i> , <b>2010</b> , 12, 2830-3	6.2	75
81	Enantioselective synthesis of substituted indanones from silyloxyallenes. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 1472-3	16.4	37
80	Cooperative N-heterocyclic carbene/Lewis acid catalysis for highly stereoselective annulation reactions with homoenolates. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 5345-7	16.4	283
79	N-heterocyclic carbene-catalyzed conjugate additions of alcohols. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 13179-81	16.4	183
78	Die Prins-Makrocyclisierung als effiziente Ringschluss-Strategie in der Naturstoffsynthese. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 8494-8505	3.6	59
77	Prins-type macrocyclizations as an efficient ring-closing strategy in natural product synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 8316-26	16.4	189
76	Synthesis of Enantioenriched $\beta$ -Disubstituted Cyclopentenes Catalyzed by N-Heterocyclic Carbenes. <i>Synthesis</i> , <b>2009</b> , 4, 687-690	2.9	9



75	Intermolecular Cross-Acyloin Reactions by Fluoride-Promoted Additions of O-Silyl Thiazolium Carbinols. <i>Synlett</i> , <b>2009</b> , 2009, 377-383	2.2	3
74	MEK4 function, genistein treatment, and invasion of human prostate cancer cells. <i>Journal of the National Cancer Institute</i> , <b>2009</b> , 101, 1141-55	9.7	77
73	N-Heterocyclic Carbene-Catalyzed Oxidations. <i>Tetrahedron</i> , <b>2009</b> , 65, 3102-3109	2.4	116
72	Chemically diverse environmental interfaces and their reactions with ozone studied by sum frequency generation. <i>Vibrational Spectroscopy</i> , <b>2009</b> , 50, 86-98	2.1	35
71	Metal-organic framework materials as catalysts. <i>Chemical Society Reviews</i> , <b>2009</b> , 38, 1450-9	58.5	6514
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