Benjamin List

List of Publications by Year
in descending order

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256 papers	39,563 citations	3149 92 h-index	2675 193 g-index
364 all docs	364 docs citations	364 times ranked	12938 citing authors

#	Article	IF	Citations
1	Asymmetric Enamine Catalysis. Chemical Reviews, 2007, 107, 5471-5569.	23.0	2,584
2	Proline-Catalyzed Direct Asymmetric Aldol Reactions. Journal of the American Chemical Society, 2000, 122, 2395-2396.	6.6	2,580
3	Proline-catalyzed asymmetric reactions. Tetrahedron, 2002, 58, 5573-5590.	1.0	1,118
4	Asymmetric organocatalysis. Organic and Biomolecular Chemistry, 2005, 3, 719.	1.5	1,080
5	The ying and yang of asymmetric aminocatalysis. Chemical Communications, 2006, , 819.	2.2	791
6	Introduction:â€‰ Organocatalysis. Chemical Reviews, 2007, 107, 5413-5415.	23.0	776
7	Asymmetric Counteranionâ€Directed Catalysis: Concept, Definition, and Applications. Angewandte Chemie - International Edition, 2013, 52, 518-533.	7.2	763
8	Enamine Catalysis Is a Powerful Strategy for the Catalytic Generation and Use of Carbanion Equivalents. Accounts of Chemical Research, 2004, 37, 548-557.	7.6	723
9	The Direct Catalytic Asymmetric Three-Component Mannich Reaction. Journal of the American Chemical Society, 2000, 122, 9336-9337.	6.6	705
10	The Proline-Catalyzed Direct Asymmetric Three-Component Mannich Reaction:â€‰ Scope, Optimization, and Application to the Highly Enantioselective Synthesis of 1,2-Amino Alcohols. Journal of the American Chemical Society, 2002, 124, 827-833.	6.6	635
11	Catalytic Asymmetric Synthesis ofanti-1,2-Diols. Journal of the American Chemical Society, 2000, 122, 7386-7387.	6.6	619
12	A Powerful BrÃ¸nsted Acid Catalyst for the Organocatalytic Asymmetric Transfer Hydrogenation of Imines. Angewandte Chemie - International Edition, 2005, 44, 7424-7427.	7.2	614
13	Efficient Proline-Catalyzed Michael Additions of Unmodified Ketones to Nitro Olefins. Organic Letters, 2001, 3, 2423-2425.	2.4	580
14	Chiral Counteranions in Asymmetric Transition-Metal Catalysis:â€‰ Highly Enantioselective Pd/BrÃ¸nsted Acid-Catalyzed Direct Î±-Allylation of Aldehydes. Journal of the American Chemical Society, 2007, 129, 11336-11337.	6.6	572
15	Quantum Mechanical Predictions of the Stereoselectivities of Proline-Catalyzed Asymmetric Intermolecular Aldol Reactions. Journal of the American Chemical Society, 2003, 125, 2475-2479.	6.6	552
16	Asymmetric Counteranion-Directed Catalysis. Angewandte Chemie - International Edition, 2006, 45, 4193-4195.	7.2	511
17	Direct Catalytic Asymmetric Î±-Amination of Aldehydes. Journal of the American Chemical Society, 2002, 124, 5656-5657.	6.6	498
18	Catalytic Asymmetric Pictetâ^'Spengler Reaction. Journal of the American Chemical Society, 2006, 128, 1086-1087.	6.6	474

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19	Asymmetric spiroacetalization catalysed by confined BrÃ¸nsted acids. Nature, 2012, 483, 315-319.	13.7	468
20	Kinetic and Stereochemical Evidence for the Involvement of Only One Proline Molecule in the Transition States of Proline-Catalyzed Intra- and Intermolecular Aldol Reactions. Journal of the American Chemical Society, 2003, 125, 16-17.	6.6	466
21	Chiral BrÃ¸nsted Acids for Asymmetric Organocatalysis. Topics in Current Chemistry, 2009, , 395-456.	4.0	456
22	Asymmetric Aminocatalysis. Synlett, 2001, 2001, 1675-1686.	1.0	422
23	Asymmetric Organocatalysis. Accounts of Chemical Research, 2004, 37, 487-487.	7.6	412
24	Immune Versus Natural Selection: Antibody Aldolases with Enzymic Rates But Broader Scope. Science, 1997, 278, 2085-2092.	6.0	402
25	Highly Enantioselective Transfer Hydrogenation of Î±,Î²-Unsaturated Ketones. Journal of the American Chemical Society, 2006, 128, 13368-13369.	6.6	400
26	Catalytic Asymmetric Reductive Michael Cyclization. Journal of the American Chemical Society, 2005, 127, 15036-15037.	6.6	386
27	Catalytic Asymmetric Reductive Amination of Aldehydes via Dynamic Kinetic Resolution. Journal of the American Chemical Society, 2006, 128, 13074-13075.	6.6	377
28	Proline-Catalyzed Asymmetric Aldol Reactions between Ketones and Î±-Unsubstituted Aldehydes. Organic Letters, 2001, 3, 573-575.	2.4	374
29	A Metal-Free Transfer Hydrogenation: Organocatalytic Conjugate Reduction of ?,?-Unsaturated Aldehydes. Angewandte Chemie - International Edition, 2004, 43, 6660-6662.	7.2	323
30	Asymmetric Catalysis Special Feature Part II: New mechanistic studies on the proline-catalyzed aldol reaction. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5839-5842.	3.3	322
31	Metal-Free, Organocatalytic Asymmetric Transfer Hydrogenation of ?,?-Unsaturated Aldehydes. Angewandte Chemie - International Edition, 2005, 44, 108-110.	7.2	320
32	Kinetic Resolution of Homoaldols via Catalytic Asymmetric Transacetalization. Journal of the American Chemical Society, 2010, 132, 17370-17373.	6.6	314
33	Catalytic Asymmetric Epoxidation of Cyclic Enones. Journal of the American Chemical Society, 2008, 130, 6070-6071.	6.6	304
34	CHEMISTRY: The Organic Approach to Asymmetric Catalysis. Science, 2006, 313, 1584-1586.	6.0	303
35	Direct Asymmetric Î±â€Allylation of Aldehydes with Simple Allylic Alcohols Enabled by the Concerted Action of Three Different Catalysts. Angewandte Chemie - International Edition, 2011, 50, 9471-9474.	7.2	287
36	Organocatalytic Asymmetric Reaction Cascade to Substituted Cyclohexylamines. Journal of the American Chemical Society, 2007, 129, 7498-7499.	6.6	268

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37	Catalytic Asymmetric Intramolecular Î±-Alkylation of Aldehydes. Journal of the American Chemical Society, 2004, 126, 450-451.	6.6	264
38	Proline-catalysed Mannich reactions of acetaldehyde. Nature, 2008, 452, 453-455.	13.7	263
39	Direct Catalytic Asymmetric Synthesis of Cyclic Aminals from Aldehydes. Journal of the American Chemical Society, 2008, 130, 15786-15787.	6.6	261
40	A Powerful Chiral Counteranion Motif for Asymmetric Catalysis. Angewandte Chemie - International Edition, 2009, 48, 4363-4366.	7.2	257
41	Emil Knoevenagel and the Roots of Aminocatalysis. Angewandte Chemie - International Edition, 2010, 49, 1730-1734.	7.2	257
42	Development and Applications of Disulfonimides in Enantioselective Organocatalysis. Chemical Reviews, 2015, 115, 9388-9409.	23.0	256
43	Aldolase Antibodies of Remarkable Scope. Journal of the American Chemical Society, 1998, 120, 2768-2779.	6.6	233
44	The Catalytic Asymmetric Fischer Indolization. Journal of the American Chemical Society, 2011, 133, 18534-18537.	6.6	231
45	Catalytic Asymmetric Michael Reactions of Acetaldehyde. Angewandte Chemie - International Edition, 2008, 47, 4719-4721.	7.2	226
46	Direct Catalytic Asymmetric Enolexo Aldolizations. Angewandte Chemie - International Edition, 2003, 42, 2785-2788.	7.2	222
47	Asymmetric Counteranionâ€Directed Catalysis for the Epoxidation of Enals. Angewandte Chemie - International Edition, 2008, 47, 1119-1122.	7.2	221
48	Activation of H₂O₂ by Chiral Confined BrÃ¸nsted Acids: A Highly Enantioselective Catalytic Sulfoxidation. Journal of the American Chemical Society, 2012, 134, 10765-10768.	6.6	203
49	Catalytic Asymmetric Intramolecular Michael Reaction of Aldehydes. Angewandte Chemie - International Edition, 2004, 43, 3958-3960.	7.2	191
50	Asymmetric Counteranionâ€Directed Transitionâ€Metal Catalysis: Enantioselective Epoxidation of Alkenes with Manganese(III) Salen Phosphate Complexes. Angewandte Chemie - International Edition, 2010, 49, 628-631.	7.2	180
51	Proline-Catalyzed Mannich Reaction of Aldehydes withN-Boc-Imines. Angewandte Chemie - International Edition, 2007, 46, 609-611.	7.2	179
52	Catalytic Asymmetric Benzidine Rearrangement. Angewandte Chemie - International Edition, 2013, 52, 9293-9295.	7.2	179
53	Catalytic Asymmetric Hydroperoxidation of Î±,Î²â€Unsaturated Ketones: An Approach to Enantiopure Peroxyhemiketals, Epoxides, and Aldols. Angewandte Chemie - International Edition, 2008, 47, 8112-8115.	7.2	173
54	Activation of olefins via asymmetric BrÃ¸nsted acid catalysis. Science, 2018, 359, 1501-1505.	6.0	168

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55	Direct Catalytic Asymmetric Threeâ€Component Kabachnikâ€“Fields Reaction. Angewandte Chemie - International Edition, 2008, 47, 5079-5081.	7.2	163
56	Catalytic Asymmetric Epoxidation of Î±-Branched Enals. Journal of the American Chemical Society, 2010, 132, 10227-10229.	6.6	159
57	Primaryâ€Amineâ€Catalyzed Enantioselective Intramolecular Aldolizations. Angewandte Chemie - International Edition, 2008, 47, 7656-7658.	7.2	158
58	Synthesis of TRIP and Analysis of Phosphate Salt Impurities. Synlett, 2010, 2010, 2189-2192.	1.0	154
59	Disulfonimideâ€Catalyzed Asymmetric Vinylogous and Bisvinylogous Mukaiyama Aldol Reactions. Angewandte Chemie - International Edition, 2011, 50, 754-758.	7.2	154
60	Organocatalytic Asymmetric Transferhydrogenation of Î²-Nitroacrylates: Accessing Î²²-Amino Acids. Journal of the American Chemical Society, 2008, 130, 13862-13863.	6.6	152
61	Catalytic Asymmetric Transacetalization. Journal of the American Chemical Society, 2010, 132, 8536-8537.	6.6	148
62	The Catalytic Asymmetric Knoevenagel Condensation. Angewandte Chemie - International Edition, 2011, 50, 1707-1710.	7.2	148
63	Catalytic Asymmetric Reductive Amination of Î±â€Branched Ketones. Angewandte Chemie - International Edition, 2010, 49, 4612-4614.	7.2	146
64	The Cinchona Primary Amine-Catalyzed Asymmetric Epoxidation and Hydroperoxidation of Î±,Î²-Unsaturated Carbonyl Compounds with Hydrogen Peroxide. Journal of the American Chemical Society, 2013, 135, 6677-6693.	6.6	141
65	The Organocatalytic Asymmetric Prins Cyclization. Angewandte Chemie - International Edition, 2015, 54, 7703-7706.	7.2	139
66	Chiral Allenes via Alkynylogous Mukaiyama Aldol Reaction. Angewandte Chemie - International Edition, 2016, 55, 8962-8965.	7.2	135
67	Catalytic Asymmetric Acylcyanation of Imines. Angewandte Chemie - International Edition, 2007, 46, 612-614.	7.2	131
68	The Catalytic Asymmetric Acetalization. Angewandte Chemie - International Edition, 2013, 52, 4474-4477.	7.2	131
69	Catalytic Threeâ€Component Ugi Reaction. Angewandte Chemie - International Edition, 2008, 47, 3622-3625.	7.2	130
70	Nâ€Phosphinyl Phosphoramideâ€”A Chiral BrÃ¸nsted Acid Motif for the Direct Asymmetric N,Oâ€Acetalization of Aldehydes. Angewandte Chemie - International Edition, 2010, 49, 9749-9752.	7.2	128
71	IDPi Catalysis. Angewandte Chemie - International Edition, 2019, 58, 12761-12777.	7.2	125
72	Catalytic Asymmetric Intramolecular [4+2] Cycloaddition of Inâ€…Situ Generated orthoâ€Quinone Methides. Angewandte Chemie - International Edition, 2017, 56, 4936-4940.	7.2	123

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73	Organotextile Catalysis. Science, 2013, 341, 1225-1229.	6.0	121
74	A Novel Proline-Catalyzed Three-Component Reaction of Ketones, Aldehydes, and Meldrum's Acid. Synlett, 2001, 2001, 1687-1689.	1.0	119
75	A Catalytic Asymmetric 6â€‰Ï€ Electrocyclization: Enantioselective Synthesis of 2â€Pyrazolines. Angewandte Chemie - International Edition, 2009, 48, 9975-9978.	7.2	119
76	Asymmetric Lewis acid organocatalysis of the Dielsâ€“Alder reaction by a silylated Câ€“H acid. Science, 2016, 351, 949-952.	6.0	118
77	The Prolineâ€Catalyzed Double Mannich Reaction of Acetaldehyde with Nâ€Boc Imines. Angewandte Chemie - International Edition, 2009, 48, 1978-1980.	7.2	111
78	Catalytic Asymmetric Transfer Hydrogenation of Î±-Ketoesters with Hantzsch Esters. Organic Letters, 2006, 8, 5653-5655.	2.4	110
79	A Highly Enantioselective Overman Rearrangement through Asymmetric Counteranionâ€Directed Palladium Catalysis. Angewandte Chemie - International Edition, 2011, 50, 9752-9755.	7.2	110
80	Organocatalytic Enantioselective Decarboxylative Aldol Reaction of Malonic Acid Half Thioesters with Aldehydes. Angewandte Chemie - International Edition, 2013, 52, 12143-12147.	7.2	107
81	Extremely Active Organocatalysts Enable a Highly Enantioselective Addition of Allyltrimethylsilane to Aldehydes. Angewandte Chemie - International Edition, 2016, 55, 13200-13203.	7.2	105
82	Asymmetric Catalysis via Cyclic, Aliphatic Oxocarbenium Ions. Journal of the American Chemical Society, 2017, 139, 2156-2159.	6.6	105
83	Reductive Amination without an External Hydrogen Source. Angewandte Chemie - International Edition, 2014, 53, 5199-5201.	7.2	102
84	A Catalytic Enantioselective Route to Hydroxy-Substituted Quaternary Carbon Centers:â€‰ Resolution of Tertiary Aldols with a Catalytic Antibody. Journal of the American Chemical Society, 1999, 121, 7283-7291.	6.6	101
85	Catalytic Enantioselective Retro-Aldol Reactions: Kinetic Resolution ofÎ²-Hydroxyketones with Aldolase Antibodies. Angewandte Chemie - International Edition, 1998, 37, 2481-2484.	7.2	100
86	Highly Enantioselective Heteroâ€Dielsâ€“Alder Reaction of 1,3â€Bis(silyloxy)â€1,3â€dienes with Aldehydes Catalyzed by Chiral Disulfonimide. Angewandte Chemie - International Edition, 2012, 51, 8859-8863.	7.2	97
87	Asymmetric Catalysis with CO₂: The Direct Î±â€Allylation of Ketones. Angewandte Chemie - International Edition, 2016, 55, 6099-6102.	7.2	93
88	Characterization of Key Intermediates in a Complex Organocatalytic Cascade Reaction Using Mass Spectrometry. Angewandte Chemie - International Edition, 2009, 48, 1463-1466.	7.2	90
89	Catalytic Asymmetric Dearomatizing Redox Cross Coupling of Ketones with Aryl Hydrazines Giving 1,4-Diketones. Journal of the American Chemical Society, 2015, 137, 3446-3449.	6.6	90
90	A General Catalytic Asymmetric Prins Cyclization. Journal of the American Chemical Society, 2016, 138, 10822-10825.	6.6	90

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91	Resolution of Diols via Catalytic Asymmetric Acetalization. Journal of the American Chemical Society, 2015, 137, 1778-1781.	6.6	89
92	Chiral BrÃ¸nsted Acids for Asymmetric Organocatalysis. Topics in Current Chemistry, 2010, 291, 1-37.	4.0	87
93	Organocatalytic Enantioselective Decarboxylative Aldol Reaction of Malonic Acid Half Thioesters with Aldehydes. Angewandte Chemie, 2013, 125, 12365-12369.	1.6	87
94	Enantioselective Aldol Cyclodehydrations Catalyzed by Antibody 38C2. Organic Letters, 1999, 1, 59-62.	2.4	86
95	Activation of Carboxylic Acids in Asymmetric Organocatalysis. Angewandte Chemie - International Edition, 2014, 53, 7063-7067.	7.2	85
96	Enantioselective Total Synthesis of Some Brevicomins Using Aldolase Antibody 38C2. Chemistry - A European Journal, 1998, 4, 881-885.	1.7	83
97	The Catalytic Asymmetric Î±â€Benzylation of Aldehydes. Angewandte Chemie - International Edition, 2014, 53, 282-285.	7.2	83
98	Disulfonimideâ€Catalyzed Asymmetric Reduction of Nâ€Alkyl Imines. Angewandte Chemie - International Edition, 2015, 54, 11852-11856.	7.2	82
99	Concise synthesis of ricciocarpin A and discovery of a more potent analogue. Nature Chemistry, 2009, 1, 225-228.	6.6	81
100	Disulfonimide-Catalyzed Asymmetric Synthesis of Î²³-Amino Esters Directly from N-Boc-Amino Sulfones. Journal of the American Chemical Society, 2013, 135, 15334-15337.	6.6	81
101	Crystal structures of proline-derived enamines. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20636-20641.	3.3	80
102	Catalytic Asymmetric Protonation of Silyl Ketene Imines. Journal of the American Chemical Society, 2013, 135, 2100-2103.	6.6	80
103	Catalytic Asymmetric [4+2]-Cycloaddition of Dienes with Aldehydes. Journal of the American Chemical Society, 2017, 139, 13656-13659.	6.6	80
104	Deracemization of Î±-Aryl Hydrocoumarins via Catalytic Asymmetric Protonation of Ketene Dithioacetals. Journal of the American Chemical Society, 2012, 134, 18245-18248.	6.6	79
105	Confined Acid-Catalyzed Asymmetric Carbonylâ€“Ene Cyclization. Journal of the American Chemical Society, 2015, 137, 13268-13271.	6.6	79
106	Extremely Active Organocatalysts Enable a Highly Enantioselective Addition of Allyltrimethylsilane to Aldehydes. Angewandte Chemie, 2016, 128, 13394-13397.	1.6	79
107	Nitrated Confined Imidodiphosphates Enable a Catalytic Asymmetric Oxa-Pictetâ€“Spengler Reaction. Journal of the American Chemical Society, 2016, 138, 9429-9432.	6.6	79
108	Approaching sub-ppm-level asymmetric organocatalysis of a highly challenging and scalable carbonâ€“carbon bond forming reaction. Nature Chemistry, 2018, 10, 888-894.	6.6	79

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109	BrÃ¸nsted Acid Catalyzed Asymmetric S_N2â€Type Oâ€Alkylations. Angewandte Chemie - International Edition, 2013, 52, 3490-3493.	7.2	78
110	Versatile Access to Chiral Indolines by Catalytic Asymmetric Fischer Indolization. Angewandte Chemie - International Edition, 2013, 52, 9486-9490.	7.2	78
111	Organocatalytic Asymmetric Hydrolysis of Epoxides. Angewandte Chemie - International Edition, 2014, 53, 8142-8145.	7.2	78
112	Asymmetric Counteranionâ€Directed Catalytic Hosomiâ€“Sakurai Reaction. Chemistry - A European Journal, 2012, 18, 16283-16287.	1.7	77
113	Confinement as a Unifying Element in Selective Catalysis. CheM, 2020, 6, 2515-2532.	5.8	77
114	Density Functional Study of Enantioselectivity in the 2-Methylproline-Catalyzed Î±-Alkylation of Aldehydes. Journal of Organic Chemistry, 2006, 71, 320-326.	1.7	73
115	Catalytic Asymmetric Torgov Cyclization: A Concise Total Synthesis of (+)â€Estrone. Angewandte Chemie - International Edition, 2014, 53, 8770-8773.	7.2	73
116	Direct Asymmetric Î±â€…Benzoyloxylation of Cyclic Ketones. Angewandte Chemie - International Edition, 2011, 50, 9680-9683.	7.2	72
117	Catalytic Asymmetric Threeâ€Component Synthesis of Homoallylic Amines. Angewandte Chemie - International Edition, 2013, 52, 2573-2576.	7.2	72
118	Asymmetric Catalysis on the Nanoscale: The Organocatalytic Approach to Helicenes. Angewandte Chemie - International Edition, 2014, 53, 5202-5205.	7.2	71
119	The Catalytic Acylcyanation of Imines. Chemistry - an Asian Journal, 2008, 3, 430-437.	1.7	68
120	Morpholinium Trifluoroacetateâ€Catalyzed Aldol Condensation of Acetone with both Aromatic and Aliphatic Aldehydes. Advanced Synthesis and Catalysis, 2010, 352, 1135-1138.	2.1	67
121	Catalytic Asymmetric Vinylogous Prins Cyclization: A Highly Diastereo- and Enantioselective Entry to Tetrahydrofurans. Journal of the American Chemical Society, 2016, 138, 14538-14541.	6.6	67
122	Confined acids catalyze asymmetric single aldolizations of acetaldehyde enolates. Science, 2018, 362, 216-219.	6.0	67
123	Organocatalysis: A Complementary Catalysis Strategy Advances Organic Synthesis. Advanced Synthesis and Catalysis, 2004, 346, 1021-1021.	2.1	66
124	Asymmetric counteranion-directed Lewis acid organocatalysis for the scalable cyanosilylation of aldehydes. Nature Communications, 2016, 7, 12478.	5.8	64
125	Catalytic Asymmetric Conjugate Addition of Indolizines to Î±,Î²â€Unsaturated Ketones. Angewandte Chemie - International Edition, 2017, 56, 7967-7970.	7.2	64
126	A New Structural Motif for Bifunctional BrÃ¸nsted Acid/Base Organocatalysis. Angewandte Chemie - International Edition, 2010, 49, 4136-4139.	7.2	62

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127	BrÃ¸nsted Acidâ€Catalyzed Threeâ€Component Hosomiâ€“Sakurai Reactions. Advanced Synthesis and Catalysis, 2008, 350, 962-966.	2.1	60
128	Asymmetric Disulfonimideâ€Catalyzed Synthesis of Îˊâ€Aminoâ€Î²â€Ketoester Derivatives by Vinylogous Mukaiyamaâ€“Mannich Reactions. Angewandte Chemie - International Edition, 2014, 53, 13592-13595.	7.2	60
129	The Catalytic Asymmetric Abramov Reaction. Angewandte Chemie - International Edition, 2015, 54, 355-358.	7.2	60
130	Catalytic Asymmetric Synthesis of Thiols. Journal of the American Chemical Society, 2014, 136, 16982-16985.	6.6	59
131	Stereochemical Communication within a Chiral Ion Pair Catalyst. Angewandte Chemie - International Edition, 2015, 54, 8841-8845.	7.2	58
132	Unveiling the Delicate Balance of Steric and Dispersion Interactions in Organocatalysis Using High-Level Computational Methods. Journal of the American Chemical Society, 2020, 142, 3613-3625.	6.6	58
133	Design and Enantioselective Synthesis of Cashmeran Odorants by Using â€œEnol Catalysisâ€. Angewandte Chemie - International Edition, 2015, 54, 1960-1964.	7.2	56
134	Enantioselective hydrovinylation via asymmetric counteranion-directed ruthenium catalysis. Chemical Communications, 2011, 47, 10022.	2.2	55
135	Catalytic Enantioselective Conversion of Epoxides to Thiiranes. Journal of the American Chemical Society, 2016, 138, 5230-5233.	6.6	54
136	The Catalytic Asymmetric Mukaiyamaâ€“Michael Reaction of Silyl Ketene Acetals with Î±,Î²â€Unsaturated Methyl Esters. Angewandte Chemie - International Edition, 2018, 57, 2464-2468.	7.2	53
137	Catalytic Asymmetric Hydroalkoxylation of Câ€“C Multiple Bonds. Chemical Reviews, 2021, 121, 14649-14681.	23.0	53
138	The Activation of Carboxylic Acids via Self-Assembly Asymmetric Organocatalysis: A Combined Experimental and Computational Investigation. Journal of the American Chemical Society, 2016, 138, 14740-14749.	6.6	52
139	Scalable and Highly Diastereo- and Enantioselective Catalytic Dielsâ€“Alder Reaction of Î±,Î²-Unsaturated Methyl Esters. Journal of the American Chemical Society, 2018, 140, 12671-12676.	6.6	52
140	Asymmetric Counteranionâ€Directed Iron Catalysis: A Highly Enantioselective Sulfoxidation. Advanced Synthesis and Catalysis, 2012, 354, 2363-2367.	2.1	51
141	Strong and Confined Acids Catalyze Asymmetric Intramolecular Hydroarylations of Unactivated Olefins with Indoles. Journal of the American Chemical Society, 2021, 143, 675-680.	6.6	49
142	Developing Catalytic Asymmetric Acetalizations. Topics in Organometallic Chemistry, 2012, , 165-193.	0.7	47
143	Towards Highâ€Performance Lewis Acid Organocatalysis. Angewandte Chemie - International Edition, 2014, 53, 8765-8769.	7.2	47
144	An Unexpected Î±â€Oxidation of Cyclic Ketones with 1,4â€Benzoquinone by Enol Catalysis. Angewandte Chemie - International Edition, 2018, 57, 10756-10759.	7.2	47

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145	Chiral Allenes via Alkynylogous Mukaiyama Aldol Reaction. Angewandte Chemie, 2016, 128, 9108-9111.	1.6	46
146	An Efficient Benchtop System for Multigram-Scale Kinetic Resolutions Using Aldolase Antibodies. Chemistry - A European Journal, 2000, 6, 2772-2774.	1.7	44
147	Asymmetric Counteranionâ€Directed Catalysis (ACDC): A Remarkably General Approach to Enantioselective Synthesis. Israel Journal of Chemistry, 2012, 52, 630-638.	1.0	42
148	Catalytic enantiocontrol over a non-classical carbocation. Nature Chemistry, 2020, 12, 1174-1179.	6.6	42
149	Organocatalysis emerging as a technology. Pure and Applied Chemistry, 2021, 93, 1371-1381.	0.9	42
150	Palladium/BrÃ¸nsted Acidâ€Catalyzed Î±â€Allylation of Aldehydes with Allylic Alcohols. Advanced Synthesis and Catalysis, 2011, 353, 1667-1670.	2.1	41
151	Organocatalytic asymmetric Î±-benzoyloxylation of Î±-branched aldehydes and enals: a useful approach to oxygenated quaternary stereocenters. Tetrahedron, 2012, 68, 7568-7574.	1.0	41
152	Asymmetric Catalysis of the Carbonyl-Amine Condensation: Kinetic Resolution of Primary Amines. Journal of the American Chemical Society, 2017, 139, 1357-1359.	6.6	41
153	Practical Synthesis of (E)-Î±,Î²-Unsaturated Esters from Aldehydes. Advanced Synthesis and Catalysis, 2005, 347, 1558-1560.	2.1	39
154	Organocatalytic stereoselective cyanosilylation of small ketones. Nature, 2022, 605, 84-89.	13.7	37
155	Catalytic asymmetric hydrogenation of aldehydes. Chemical Communications, 2007, , 1739.	2.2	36
156	Strong and Confined Acids Enable a Catalytic Asymmetric Nazarov Cyclization of Simple Divinyl Ketones. Journal of the American Chemical Society, 2019, 141, 3414-3418.	6.6	36
157	Azine Activation via Silylium Catalysis. Journal of the American Chemical Society, 2021, 143, 6817-6822.	6.6	36
158	Highâ€Speed Living Polymerization of Polar Vinyl Monomers by Selfâ€Healing Silylium Catalysts. Chemistry - A European Journal, 2010, 16, 10462-10473.	1.7	35
159	The Organocatalytic Approach to Enantiopure 2Hâ€•and 3Hâ€Pyrroles: Inhibitors of the Hedgehog Signaling Pathway. Angewandte Chemie - International Edition, 2016, 55, 7693-7697.	7.2	35
160	High Lithium Transference Number Electrolytes Containing Tetratriflylpropeneâ€™s Lithium Salt. Journal of Physical Chemistry Letters, 2018, 9, 5116-5120.	2.1	35
161	Can a Ketone Be More Reactive than an Aldehyde? Catalytic Asymmetric Synthesis of Substituted Tetrahydrofurans. Angewandte Chemie - International Edition, 2018, 57, 12162-12166.	7.2	34
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