Benjamin List

List of Publications by Year
in descending order

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	Direct and Catalytic <i>C</i>â€Glycosylation of Arenes: Expeditious Synthesis of the Remdesivir Nucleoside**. Angewandte Chemie - International Edition, 2022, 61, .	7.2	11
2	Chiral Phosphoric Acid Catalyzed Conversion of Epoxides into Thiiranes: Mechanism, Stereochemical Model, and New Catalyst Design. Angewandte Chemie - International Edition, 2022, 61, .	7.2	19
3	Catalytic Asymmetric Additions of Enol Silanes to In Situ Generated Cyclic, Aliphatic<i>N</i>â€Acyliminium Ions. Angewandte Chemie - International Edition, 2022, 61, .	7.2	15
4	Asymmetric Addition of Enol Silanes to In Situ Generated N-Acyliminium Ions. Synfacts, 2022, 18, 0314.	0.0	0
5	Catalytic Asymmetric Spirocyclizing Dielsâ€“Alder Reactions of Enones: Stereoselective Total and Formal Syntheses of Î±-Chamigrene, Î²-Chamigrene, Laurencenone C, Colletoic Acid, and Omphalic Acid. Journal of the American Chemical Society, 2022, 144, 6703-6708.	6.6	16
6	Organocatalytic stereoselective cyanosilylation of small ketones. Nature, 2022, 605, 84-89.	13.7	37
7	Design of an Organocatalytic Asymmetric (4 + 3) Cycloaddition of 2-Indolylalcohols with Dienolsilanes. Journal of the American Chemical Society, 2022, 144, 8460-8466.	6.6	22
8	Organocatalytic Asymmetric Synthesis of Si-Stereogenic Silyl Ethers. Journal of the American Chemical Society, 2022, 144, 10156-10161.	6.6	27
9	The Smelling Principle of Vetiver Oil, Unveiled by Chemical Synthesis. Angewandte Chemie - International Edition, 2021, 60, 5666-5672.	7.2	22
10	How and Why Crowd Reviewing Works. Synlett, 2021, 32, 885-891.	1.0	3
11	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
12	Das riechende Prinzip des VetiverÃ¶ls, aufgeklÃrt durch chemische Synthese. Angewandte Chemie, 2021, 133, 5728-5735.	1.6	3
13	Asymmetric Intramolecular Hydroarylations of Nonactivated Oleï¬ns with Indoles. Synfacts, 2021, 17, 0327.	0.0	0
14	Chemical Synthesis Reveals the Odorous Principle of Vetiver Oil. Synfacts, 2021, 17, 0326.	0.0	0
15	Frontispiece: The Smelling Principle of Vetiver Oil, Unveiled by Chemical Synthesis. Angewandte Chemie - International Edition, 2021, 60, .	7.2	0
16	Catalytic Asymmetric Synthesis of Unprotected Î²²-Amino Acids. Journal of the American Chemical Society, 2021, 143, 3312-3317.	6.6	33
17	Frontispiz: Das riechende Prinzip des VetiverÃ¶ls, aufgeklÃrt durch chemische Synthese. Angewandte Chemie, 2021, 133, .	1.6	0
18	Catalytic Asymmetric Aminomethylation of Bis-Silyl Ketene Acetals to Î²2-Amino Acids. Synfacts, 2021, 17, 0565.	0.0	0

#	Article	IF	Citations
19	Azine Activation via Silylium Catalysis. Journal of the American Chemical Society, 2021, 143, 6817-6822.	6.6	36
20	Unified Synthesis of Polycyclic Alkaloids by Complementary Carbonyl Activation**. Angewandte Chemie, 2021, 133, 13703-13708.	1.6	8
21	Unified Synthesis of Polycyclic Alkaloids by Complementary Carbonyl Activation**. Angewandte Chemie - International Edition, 2021, 60, 13591-13596.	7.2	21
22	Activation of N-Heterocycles by Silylium Catalysis for Câ€“C Bond Formation. Synfacts, 2021, 17, 0806.	0.0	0
23	Organocatalysis emerging as a technology. Pure and Applied Chemistry, 2021, 93, 1371-1381.	0.9	42
24	Confinement-Controlled, Either <i>syn</i>- or <i>anti</i>-Selective Catalytic Asymmetric Mukaiyama Aldolizations of Propionaldehyde Enolsilanes. Journal of the American Chemical Society, 2021, 143, 14475-14481.	6.6	30
25	Unified Approach to Imidodiphosphate-Type BrÃ¸nsted Acids with Tunable Confinement and Acidity. Journal of the American Chemical Society, 2021, 143, 14835-14844.	6.6	21
26	Catalytic Asymmetric Aldolization of Propanal Enol Silanes. Synfacts, 2021, 17, 1257.	0.0	0
27	Modular Approach to Tunable Imidodiphosphate-Based BrÃ¸nsted Acid Catalysts. Synfacts, 2021, 17, 1384.	0.0	0
28	The Catalytic Asymmetric Intermolecular Prins Reaction. Journal of the American Chemical Society, 2021, 143, 20598-20604.	6.6	19
29	Harnessing the ambiphilicity of silyl nitronates in a catalytic asymmetric approach to aliphatic Î²3-amino acids. Nature Catalysis, 2021, 4, 1043-1049.	16.1	20
30	Catalytic Asymmetric Hydroalkoxylation of Câ€“C Multiple Bonds. Chemical Reviews, 2021, 121, 14649-14681.	23.0	53
31	Confinement as a Unifying Element in Selective Catalysis. CheM, 2020, 6, 2515-2532.	5.8	77
32	Catalytic enantiocontrol over a non-classical carbocation. Nature Chemistry, 2020, 12, 1174-1179.	6.6	42
33	The Siliconâ€“Hydrogen Exchange Reaction: A Catalytic Ïƒ-Bond Metathesis Approach to the Enantioselective Synthesis of Enol Silanes. Journal of the American Chemical Society, 2020, 142, 13695-13700.	6.6	27
34	Chiral BrÃ¸nsted Acids Catalyze Asymmetric Additions to Substrates that Are Already Protonated: Highly Enantioselective Disulfonimide-Catalyzed Hantzsch Ester Reductions of NHâ€“Imine Hydrochloride Salts. Synlett, 2020, 31, 1707-1712.	1.0	12
35	Kinetic Study of Disulfonimide-Catalyzed Cyanosilylation of Aldehydes by Using a Method of Progress Rates. Synlett, 2020, 31, 1593-1597.	1.0	11
36	Strong and Confined Acids Control Five Stereogenic Centers in Catalytic Asymmetric Dielsâ€“Alder Reactions of Cyclohexadienones with Cyclopentadiene. Angewandte Chemie - International Edition, 2020, 59, 12347-12351.	7.2	30

#	Article	IF	Citations
37	Homologation of the Fischer Indolization: A Quinoline Synthesis via Homoâ€Diazaâ€Cope Rearrangement. Angewandte Chemie - International Edition, 2020, 59, 20485-20488.	7.2	11
38	Homologisierung der Fischerâ€Indolâ€Synthese: Chinoline via Homoâ€Diazaâ€Copeâ€Umlagerung. Angewandte Chemie, 2020, 132, 20665-20669.	1.6	1
39	Starke und sterisch begrenzte SÃuren kontrollieren fÃ¼nf stereogene Zentren in der katalytischen asymmetrischen Dielsâ€Alderâ€Reaktion von Cyclohexadienonen mit Cyclopentadien. Angewandte Chemie, 2020, 132, 12446-12450.	1.6	7
40	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
41	Chiral Confinement Permits Enantiocontrolled Reactions To Proceed via Nonclassical Carbocations. Synfacts, 2020, 16, 1470.	0.0	0
42	Deracemisierung von Î±â€verzweigten CarbonsÃuren durch katalytische asymmetrische Protonierung von Bisâ€Silylketenacetalen mit Wasser oder Methanol. Angewandte Chemie, 2019, 131, 11603-11606.	1.6	13
43	Deracemizing Î±â€Branched Carboxylic Acids by Catalytic Asymmetric Protonation of Bisâ€Silyl Ketene Acetals with Water or Methanol. Angewandte Chemie - International Edition, 2019, 58, 11479-11482.	7.2	33
44	IDPi Catalysis. Angewandte Chemie - International Edition, 2019, 58, 12761-12777.	7.2	125
45	IDPiâ€Katalyse. Angewandte Chemie, 2019, 131, 12891-12908.	1.6	24
46	A multi-substrate screening approach for the identification of a broadly applicable Dielsâ€"Alder catalyst. Nature Communications, 2019, 10, 770.	5.8	29
47	A Dendralenic Câ€"H Acid. Synlett, 2019, 30, 433-436.	1.0	3
48	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
49	Die katalytische, asymmetrische Mukaiyamaâ€Michaelâ€Reaktion von Silylketenacetalen mit Î±,Î²â€ungesÃttigten Methylestern. Angewandte Chemie, 2018, 130, 2489-2493.	1.6	12
50	A Purely Organic Tricarbanion. Angewandte Chemie - International Edition, 2018, 57, 8326-8329.	7.2	11
51	Ein rein organisches Tricarbanion. Angewandte Chemie, 2018, 130, 8459-8462.	1.6	6
52	Activation of olefins via asymmetric BrÃ¸nsted acid catalysis. Science, 2018, 359, 1501-1505.	6.0	168
53	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
54	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

#	Article	IF	Citations
55	BrÃ¸nsted Acid Mediated Direct Î±-Hydroxylation of Cyclic Î±-Branched Ketones. Synlett, 2018, 29, 2298-2300.	1.0	4
56	Confined acids catalyze asymmetric single aldolizations of acetaldehyde enolates. Science, 2018, 362, 216-219.	6.0	67
57	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
58	Enolkatalyse ermÃ¶glicht eine unerwartete Î±â€Oxidation zyklischer Ketone mit 1,4â€Benzochinonen. Angewandte Chemie, 2018, 130, 10916-10919.	1.6	9
59	Triflimide: An Overlooked Highâ€Performance Catalyst of the Mukaiyama Aldol Reaction of Silyl Ketene Acetals with Ketones. Chemistry - A European Journal, 2018, 24, 13767-13772.	1.7	14
60	High Lithium Transference Number Electrolytes Containing Tetratriflylpropeneâ€™s Lithium Salt. Journal of Physical Chemistry Letters, 2018, 9, 5116-5120.	2.1	35
61	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
62	Kann ein Keton reaktiver als ein Aldehyd sein? Katalytische asymmetrische Synthese von substituierten Tetrahydrofuranen. Angewandte Chemie, 2018, 130, 12339-12343.	1.6	9
63	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
64	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
65	Catalytic Asymmetric Intramolecular [4+2] Cycloaddition of Inâ€…Situ Generated <i>ortho</i>â€Quinone Methides. Angewandte Chemie - International Edition, 2017, 56, 4936-4940.	7.2	123
66	Katalytischâ€asymmetrische intramolekulare [4+2]â€Cycloaddition von inâ€…situ generierten <i>ortho</i>â€Chinonmethiden. Angewandte Chemie, 2017, 129, 5018-5022.	1.6	33
67	Asymmetric Catalysis via Cyclic, Aliphatic Oxocarbenium Ions. Journal of the American Chemical Society, 2017, 139, 2156-2159.	6.6	105
68	N-Triflylphosphorimidoyl Trichloride: A Versatile Reagent for the Synthesis of Strong Chiral BrÃ¸nsted Acids. Synlett, 2017, 28, 1478-1480.	1.0	7
69	1,1,3,3â€Tetratriflylpropen (TTP): eine starke, allylische Câ€Hâ€SÃ¤ure fÃ¼r die BrÃ¸nstedâ€und Lewisâ€SÃ¤ureâ€Katalyse. Angewandte Chemie, 2017, 129, 1433-1437.	1.6	12
70	Katalytische asymmetrische konjugierte Addition von Indolizinen an Î±,Î²â€ungesÃ¤ttigte Ketone. Angewandte Chemie, 2017, 129, 8075-8078.	1.6	13
71	Catalytic Asymmetric Conjugate Addition of Indolizines to Î±,Î²â€Unsaturated Ketones. Angewandte Chemie - International Edition, 2017, 56, 7967-7970.	7.2	64
72	1,1,3,3â€Tetratriflylpropene (TTP): A Strong, Allylic Câ€“H Acid for BrÃ¸nsted and Lewis Acid Catalysis. Angewandte Chemie - International Edition, 2017, 56, 1411-1415.	7.2	30

#	Article	IF	Citations
73	Catalytic Asymmetric [4+2]-Cycloaddition of Dienes with Aldehydes. Journal of the American Chemical Society, 2017, 139, 13656-13659.	6.6	80
74	Design and Synthesis of Enantiopure Tetrakis(pentafluorophenyl) Borate Analogues for Asymmetric Counteranion Directed Catalysis. Synlett, 2017, 28, 2435-2438.	1.0	11
75	Catalytic Asymmetric Thioacetalization of Aldehydes. Synlett, 2017, 28, 333-336.	1.0	7
76	Crowd-based peer review can be good and fast. Nature, 2017, 546, 9-9.	13.7	23
77	Organokatalytische Synthese von enantiomerenreinen 2<i>H</i>â€•und 3<i>H</i>â€Pyrrolen: Inhibitoren des Hedgehogâ€Signalwegs. Angewandte Chemie, 2016, 128, 7824-7828.	1.6	10
78	Chiral Allenes via Alkynylogous Mukaiyama Aldol Reaction. Angewandte Chemie, 2016, 128, 9108-9111.	1.6	46
79	The Organocatalytic Approach to Enantiopure 2<i>H</i>â€•and 3<i>H</i>â€Pyrroles: Inhibitors of the Hedgehog Signaling Pathway. Angewandte Chemie - International Edition, 2016, 55, 7693-7697.	7.2	35
80	Chiral Allenes via Alkynylogous Mukaiyama Aldol Reaction. Angewandte Chemie - International Edition, 2016, 55, 8962-8965.	7.2	135
81	InnenrÃ¼cktitelbild: Asymmetrische Katalyse mit CO₂: Die direkte Î±â€Allylierung von Ketonen (Angew. Chem. 20/2016). Angewandte Chemie, 2016, 128, 6213-6213.	1.6	0
82	Asymmetrische Katalyse mit CO 2 : Die direkte Î±â€Allylierung von Ketonen. Angewandte Chemie, 2016, 128, 6204-6207.	1.6	22
83	Katalytische asymmetrische reduktive Kondensation von Nâ€Hâ€Iminen: Synthese von <i>C</i>₂â€symmetrischen sekundÃren Aminen. Angewandte Chemie, 2016, 128, 16007-16010.	1.6	8
84	Phosphoric Acid Based Heterodimers in Asymmetric Catalysis. Synlett, 2016, 27, 1027-1040.	1.0	32
85	Catalytic Enantioselective Conversion of Epoxides to Thiiranes. Journal of the American Chemical Society, 2016, 138, 5230-5233.	6.6	54
86	Extremely Active Organocatalysts Enable a Highly Enantioselective Addition of Allyltrimethylsilane to Aldehydes. Angewandte Chemie, 2016, 128, 13394-13397.	1.6	79
87	A General Catalytic Asymmetric Prins Cyclization. Journal of the American Chemical Society, 2016, 138, 10822-10825.	6.6	90
88	Extremely Active Organocatalysts Enable a Highly Enantioselective Addition of Allyltrimethylsilane to Aldehydes. Angewandte Chemie - International Edition, 2016, 55, 13200-13203.	7.2	105
89	Nitrated Confined Imidodiphosphates Enable a Catalytic Asymmetric Oxa-Pictetâ€"Spengler Reaction. Journal of the American Chemical Society, 2016, 138, 9429-9432.	6.6	79
90	Catalytic Asymmetric Reductive Condensation of Nâ€"H Imines: Synthesis of <i>C</i>₂â€Symmetric Secondary Amines. Angewandte Chemie - International Edition, 2016, 55, 15775-15778.	7.2	33

#	Article	IF	Citations
91	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
92	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
93	Asymmetric counteranion-directed Lewis acid organocatalysis for the scalable cyanosilylation of aldehydes. Nature Communications, 2016, 7, 12478.	5.8	64
94	Asymmetric Catalysis with CO₂: The Direct Î±â€Allylation of Ketones. Angewandte Chemie - International Edition, 2016, 55, 6099-6102.	7.2	93
95	Asymmetric Lewis acid organocatalysis of the Dielsâ€“Alder reaction by a silylated Câ€“H acid. Science, 2016, 351, 949-952.	6.0	118
96	An Approach to Highly Hindered BINOL Phosphates. Synlett, 2016, 27, 591-594.	1.0	11
97	Titelbild: Design und enantioselektive Synthese von Cashmeran-Riechstoffen mithilfe der â€œEnol-Katalyseâ€•(Angew. Chem. 6/2015). Angewandte Chemie, 2015, 127, 1699-1699.	1.6	0
98	Stereochemical Communication within a Chiral Ion Pair Catalyst. Angewandte Chemie - International Edition, 2015, 54, 8841-8845.	7.2	58
99	Disulfonimideâ€Catalyzed Asymmetric Reduction of <i>N</i>â€Alkyl Imines. Angewandte Chemie - International Edition, 2015, 54, 11852-11856.	7.2	82
100	The Organocatalytic Asymmetric Prins Cyclization. Angewandte Chemie - International Edition, 2015, 54, 7703-7706.	7.2	139
101	Highly Acidic BINOL-Derived Phosphoramidimidates and their Application in the BrÃ¸nsted Acid Catalyzed Synthesis of Î±-Tocopherol. Synlett, 2015, 27, 156-158.	1.0	13
102	Resolution of Diols via Catalytic Asymmetric Acetalization. Journal of the American Chemical Society, 2015, 137, 1778-1781.	6.6	89
103	Design and Enantioselective Synthesis of Cashmeran Odorants by Using â€œEnol Catalysisâ€• Angewandte Chemie - International Edition, 2015, 54, 1960-1964.	7.2	56
104	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
105	Catalytic Asymmetric Î±-Amination of Î±-Branched Ketones via Enol Catalysis. Synlett, 2015, 26, 1413-1416.	1.0	28
106	Development and Applications of Disulfonimides in Enantioselective Organocatalysis. Chemical Reviews, 2015, 115, 9388-9409.	23.0	256
107	BrÃ¸nsted Acid Catalyzed Asymmetric Silylation of Alcohols. Synlett, 2015, 26, 1093-1095.	1.0	23
108	Disulfonimide-Catalyzed Asymmetric Synthesis of Î´-Amino-Î²-Keto Esters. Synlett, 2015, 26, 807-809.	1.0	15

#	Article	IF	Citations
109	A Mukaiyamaâ€“Claisen Approach to 3,5-Diketo Esters. Synlett, 2015, 26, 1525-1527.	1.0	14
110	Confined Acid-Catalyzed Asymmetric Carbonylâ€“Ene Cyclization. Journal of the American Chemical Society, 2015, 137, 13268-13271.	6.6	79
111	The Catalytic Asymmetric Abramov Reaction. Angewandte Chemie - International Edition, 2015, 54, 355-358.	7.2	60
112	Unexpected Beneficial Effect of ortho-Substituents on the (S)-Proline-Catalyzed Asymmetric Aldol Reaction of Acetone with Aromatic Aldehydes. Synlett, 2014, 25, 961-964.	1.0	15
113	Catalytic Asymmetric Torgov Cyclization: A Concise Total Synthesis of (+)â€Estrone. Angewandte Chemie - International Edition, 2014, 53, 8770-8773.	7.2	73
114	The Catalytic Asymmetric Î±â€Benzylation of Aldehydes. Angewandte Chemie - International Edition, 2014, 53, 282-285.	7.2	83
115	Titelbild: Katalyse, die die Welt verÃndert: 100-jÃhriges Bestehen des Max-Planck-Instituts fÃ¼r Kohlenforschung (Angew. Chem. 33/2014). Angewandte Chemie, 2014, 126, 8665-8665.	1.6	0
116	Catalytic Asymmetric Synthesis of Thiols. Journal of the American Chemical Society, 2014, 136, 16982-16985.	6.6	59
117	Asymmetric Disulfonimideâ€Catalyzed Synthesis of Î´â€Aminoâ€Î²â€Ketoester Derivatives by Vinylogous Mukaiyamaâ€“Mannich Reactions. Angewandte Chemie - International Edition, 2014, 53, 13592-13595.	7.2	60
118	Reductive Amination without an External Hydrogen Source. Angewandte Chemie - International Edition, 2014, 53, 5199-5201.	7.2	102
119	Towards Highâ€Performance Lewis Acid Organocatalysis. Angewandte Chemie - International Edition, 2014, 53, 8765-8769.	7.2	47
120	Asymmetric Catalysis on the Nanoscale: The Organocatalytic Approach to Helicenes. Angewandte Chemie - International Edition, 2014, 53, 5202-5205.	7.2	71
121	Activation of Carboxylic Acids in Asymmetric Organocatalysis. Angewandte Chemie - International Edition, 2014, 53, 7063-7067.	7.2	85
122	Katalyse, die die Welt verÃndert: 100-jÃhriges Bestehen des Max-Planck-Instituts fÃ¼r Kohlenforschung. Angewandte Chemie, 2014, 126, 8668-8670.	1.6	0
123	Catalytic Processes that Changed the World: 100 Years Max-Planck-Institut fÃ¼r Kohlenforschung. Angewandte Chemie - International Edition, 2014, 53, 8528-8530.	7.2	4
124	Organocatalytic Asymmetric Hydrolysis of Epoxides. Angewandte Chemie - International Edition, 2014, 53, 8142-8145.	7.2	78
125	Innentitelbild: Asymmetrische Katalyse im NanomaÃŸstab: die organokatalytische Synthese von Helicenen (Angew. Chem. 20/2014). Angewandte Chemie, 2014, 126, 5080-5080.	1.6	0
126	Disulfonimide-Catalyzed Asymmetric Synthesis of Î²³-Amino Esters Directly from <i>N</i>-Boc-Amino Sulfones. Journal of the American Chemical Society, 2013, 135, 15334-15337.	6.6	81

#	Article	IF	Citations
127	Organotextile Catalysis. Science, 2013, 341, 1225-1229.	6.0	121
128	Organocatalytic Enantioselective Decarboxylative Aldol Reaction of Malonic Acid Half Thioesters with Aldehydes. Angewandte Chemie - International Edition, 2013, 52, 12143-12147.	7.2	107
129	Kinetics of the Chiral Disulfonimideâ€Catalyzed Mukaiyama Aldol Reaction. Asian Journal of Organic Chemistry, 2013, 2, 957-960.	1.3	15
130	Catalytic Asymmetric Protonation of Silyl Ketene Imines. Journal of the American Chemical Society, 2013, 135, 2100-2103.	6.6	80
131	Asymmetric Counteranionâ€Directed Catalysis: Concept, Definition, and Applications. Angewandte Chemie - International Edition, 2013, 52, 518-533.	7.2	763
132	Catalytic Asymmetric Threeâ€Component Synthesis of Homoallylic Amines. Angewandte Chemie - International Edition, 2013, 52, 2573-2576.	7.2	72
133	Asymmetric Counteranion-Directed Catalysis (ACDC). , 2013, , 79-85.		4
134	The Catalytic Asymmetric Acetalization. Angewandte Chemie - International Edition, 2013, 52, 4474-4477.	7.2	131
135	BrÃ¸nsted Acid Catalyzed Asymmetric S_N2â€Type Oâ€Alkylations. Angewandte Chemie - International Edition, 2013, 52, 3490-3493.	7.2	78
136	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
137	Versatile Access to Chiral Indolines by Catalytic Asymmetric Fischer Indolization. Angewandte Chemie - International Edition, 2013, 52, 9486-9490.	7.2	78
138	Catalytic Asymmetric Benzidine Rearrangement. Angewandte Chemie - International Edition, 2013, 52, 9293-9295.	7.2	179
139	Organocatalytic Enantioselective Decarboxylative Aldol Reaction of Malonic Acid Half Thioesters with Aldehydes. Angewandte Chemie, 2013, 125, 12365-12369.	1.6	87
140	Asymmetric Counteranionâ€Directed Catalytic Hosomiâ€"Sakurai Reaction. Chemistry - A European Journal, 2012, 18, 16283-16287.	1.7	77
141	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
142	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
143	Asymmetric Counteranionâ€Directed Iron Catalysis: A Highly Enantioselective Sulfoxidation. Advanced Synthesis and Catalysis, 2012, 354, 2363-2367.	2.1	51
144	Developing Catalytic Asymmetric Acetalizations. Topics in Organometallic Chemistry, 2012, , 165-193.	0.7	47

#	Article	IF	Citations
145	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
146	Asymmetric spiroacetalization catalysed by confined BrÃ¸nsted acids. Nature, 2012, 483, 315-319.	13.7	468
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 Asymmetric Epoxidation of 2â€Cyclopentenones. Advanced Synthesis and Catalysis, 2012, 354, 1701-1706.	2.1	30
149	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
150	Enantioselective hydrovinylation via asymmetric counteranion-directed ruthenium catalysis. Chemical Communications, 2011, 47, 10022.	2.2	55
151	The Catalytic Asymmetric Fischer Indolization. Journal of the American Chemical Society, 2011, 133, 18534-18537.	6.6	231
152	Palladium/BrÃ¸nsted Acidâ€Catalyzed Î±â€Allylation of Aldehydes with Allylic Alcohols. Advanced Synthesis and Catalysis, 2011, 353, 1667-1670.	2.1	41
153	Cover Picture: The Catalytic Asymmetric Knoevenagel Condensation (Angew. Chem. Int. Ed. 7/2011). Angewandte Chemie - International Edition, 2011, 50, 1447-1447.	7.2	0
154	Disulfonimideâ€Catalyzed Asymmetric Vinylogous and Bisvinylogous Mukaiyama Aldol Reactions. Angewandte Chemie - International Edition, 2011, 50, 754-758.	7.2	154
155	The Catalytic Asymmetric Knoevenagel Condensation. Angewandte Chemie - International Edition, 2011, 50, 1707-1710.	7.2	148
156	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
157	A Highly Enantioselective Overman Rearrangement through Asymmetric Counteranionâ€Directed Palladium Catalysis. Angewandte Chemie - International Edition, 2011, 50, 9752-9755.	7.2	110
158	Direct Asymmetric Î±â€...Benzoyloxylation of Cyclic Ketones. Angewandte Chemie - International Edition, 2011, 50, 9680-9683.	7.2	72
159	Catalytic Asymmetric Epoxidation of Î±-Branched Enals. Journal of the American Chemical Society, 2010, 132, 10227-10229.	6.6	159
160	Morpholinium Trifluoroacetateâ€Catalyzed Aldol Condensation of Acetone with both Aromatic and Aliphatic Aldehydes. Advanced Synthesis and Catalysis, 2010, 352, 1135-1138.	2.1	67
161	Highâ€Speed Living Polymerization of Polar Vinyl Monomers by Selfâ€Healing Silylium Catalysts. Chemistry - A European Journal, 2010, 16, 10462-10473.	1.7	35
162	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

#	Article	IF	Citations
163	Emil Knoevenagel and the Roots of Aminocatalysis. Angewandte Chemie - International Edition, 2010, 49, 1730-1734.	7.2	257
164	A New Structural Motif for Bifunctional BrÃ¸nsted Acid/Base Organocatalysis. Angewandte Chemie - International Edition, 2010, 49, 4136-4139.	7.2	62
165	Catalytic Asymmetric Reductive Amination of Î±â€Branched Ketones. Angewandte Chemie - International Edition, 2010, 49, 4612-4614.	7.2	146
166	<i>N</i>â€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
167	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
168	Synthesis of TRIP and Analysis of Phosphate Salt Impurities. Synlett, 2010, 2010, 2189-2192.	1.0	154
169	Catalytic Asymmetric Transacetalization. Journal of the American Chemical Society, 2010, 132, 8536-8537.	6.6	148
170	Kinetic Resolution of Homoaldols via Catalytic Asymmetric Transacetalization. Journal of the American Chemical Society, 2010, 132, 17370-17373.	6.6	314
171	Chiral BrÃ¸nsted Acids for Asymmetric Organocatalysis. Topics in Current Chemistry, 2010, 291, 1-37.	4.0	87
172	Enough organocatalysis?. Topics in Current Chemistry, 2010, 291, ix-x.	4.0	0
173	Characterization of Key Intermediates in a Complex Organocatalytic Cascade Reaction Using Mass Spectrometry. Angewandte Chemie - International Edition, 2009, 48, 1463-1466.	7.2	90
174	The Prolineâ€Catalyzed Double Mannich Reaction of Acetaldehyde with <i>N</i>â€Boc Imines. Angewandte Chemie - International Edition, 2009, 48, 1978-1980.	7.2	111
175	A Powerful Chiral Counteranion Motif for Asymmetric Catalysis. Angewandte Chemie - International Edition, 2009, 48, 4363-4366.	7.2	257
176	A Catalytic Asymmetric 6â€‰Ï€ Electrocyclization: Enantioselective Synthesis of 2â€Pyrazolines. Angewandte Chemie - International Edition, 2009, 48, 9975-9978.	7.2	119
177	Concise synthesis of ricciocarpin A and discovery of a more potent analogue. Nature Chemistry, 2009, 1, 225-228.	6.6	81
178	Chiral BrÃ¸nsted Acids for Asymmetric Organocatalysis. Topics in Current Chemistry, 2009, , 395-456.	4.0	456
179	Catalytic synthesis of (E)-Î±,Î²-unsaturated esters from aldehydes and 1,1-diethoxyethylene. Beilstein Journal of Organic Chemistry, 2009, 5, 3.	1.3	2
180	Asymmetric Counteranionâ€Directed Catalysis for the Epoxidation of Enals. Angewandte Chemie - International Edition, 2008, 47, 1119-1122.	7.2	221

#	Article	IF	Citations
181	Catalytic Threeâ€Component Ugi Reaction. Angewandte Chemie - International Edition, 2008, 47, 3622-3625.	7.2	130
182	Catalytic Asymmetric Michael Reactions of Acetaldehyde. Angewandte Chemie - International Edition, 2008, 47, 4719-4721.	7.2	226
183	Direct Catalytic Asymmetric Threeâ€Component Kabachnikâ€"Fields Reaction. Angewandte Chemie - International Edition, 2008, 47, 5079-5081.	7.2	163
184	Primaryâ€Amineâ€Catalyzed Enantioselective Intramolecular Aldolizations. Angewandte Chemie - International Edition, 2008, 47, 7656-7658.	7.2	158
185	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
186	Catalytic Threeâ€Component Ugi Reaction. Angewandte Chemie - International Edition, 2008, 47, 5490-5490.	7.2	3
187	Cover Picture: Primary-Amine-Catalyzed Enantioselective Intramolecular Aldolizations (Angew. Chem.) Tj ETQq1 1 0.784314 rgBT /Overl	7.2	2
188	BrÃ¸nsted Acidâ€Catalyzed Threeâ€Component Hosomiâ€"Sakurai Reactions. Advanced Synthesis and Catalysis, 2008, 350, 962-966.	2.1	60
189	Titelbild: Enantiogruppen-differenzierende intramolekulare Aldolisierung durch Katalyse mit einem primÃ¤ren Amin (Angew. Chem. 40/2008). Angewandte Chemie, 2008, 120, 7677-7677.	1.6	3
190	The Catalytic Acylcyanation of Imines. Chemistry - an Asian Journal, 2008, 3, 430-437.	1.7	68
191	Proline-catalysed Mannich reactions of acetaldehyde. Nature, 2008, 452, 453-455.	13.7	263
192	Organocatalytic Asymmetric Transferhydrogenation of Î²-Nitroacrylates: Accessing Î²²-Amino Acids. Journal of the American Chemical Society, 2008, 130, 13862-13863.	6.6	152
193	Catalytic Asymmetric Epoxidation of Cyclic Enones. Journal of the American Chemical Society, 2008, 130, 6070-6071.	6.6	304
194	Direct Catalytic Asymmetric Synthesis of Cyclic Aminals from Aldehydes. Journal of the American Chemical Society, 2008, 130, 15786-15787.	6.6	261
195	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
196	Catalytic asymmetric hydrogenation of aldehydes. Chemical Communications, 2007, , 1739.	2.2	36
197	Organocatalytic Asymmetric Reaction Cascade to Substituted Cyclohexylamines. Journal of the American Chemical Society, 2007, 129, 7498-7499.	6.6	268
198	Introduction:â€‰ Organocatalysis. Chemical Reviews, 2007, 107, 5413-5415.	23.0	776

#	Article	IF	Citations
199	Asymmetric Enamine Catalysis. Chemical Reviews, 2007, 107, 5471-5569.	23.0	2,584
200	Proline-Catalyzed Mannich Reaction of Aldehydes withN-Boc-Imines. Angewandte Chemie - International Edition, 2007, 46, 609-611.	7.2	179
201	Catalytic Asymmetric Acylcyanation of Imines. Angewandte Chemie - International Edition, 2007, 46, 612-614.	7.2	131
202	Catalytic Asymmetric Acylcyanation of Imines. Angewandte Chemie - International Edition, 2007, 46, 2971-2971.	7.2	4
203	Radical catalysis. Nature, 2007, 447, 152-153.	13.7	31
204	Practical Proline-catalyzed asymmetric Mannich reaction of aldehydes with N-Boc-imines. Nature Protocols, 2007, 2, 1937-1942.	5.5	32
205	Catalytic Asymmetric Reductive Amination of Aldehydes via Dynamic Kinetic Resolution. Journal of the American Chemical Society, 2006, 128, 13074-13075.	6.6	377
206	CHEMISTRY: The Organic Approach to Asymmetric Catalysis. Science, 2006, 313, 1584-1586.	6.0	303
207	Catalytic Asymmetric Transfer Hydrogenation of Î±-Ketoesters with Hantzsch Esters. Organic Letters, 2006, 8, 5653-5655.	2.4	110
208	The ying and yang of asymmetric aminocatalysis. Chemical Communications, 2006, , 819.	2.2	791
209	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
210	Catalytic Asymmetric Pictetâ˘'Spengler Reaction. Journal of the American Chemical Society, 2006, 128, 1086-1087.	6.6	474
211	Highly Enantioselective Transfer Hydrogenation of Î±,Î²-Unsaturated Ketones. Journal of the American Chemical Society, 2006, 128, 13368-13369.	6.6	400
212	Asymmetric Counteranion-Directed Catalysis. Angewandte Chemie - International Edition, 2006, 45, 4193-4195.	7.2	511
213	Metal-Free, Organocatalytic Asymmetric Transfer Hydrogenation of ?,?-Unsaturated Aldehydes. Angewandte Chemie - International Edition, 2005, 44, 108-110.	7.2	320
214	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
215	Practical Synthesis of (E)-Î±,Î²-Unsaturated Esters from Aldehydes. Advanced Synthesis and Catalysis, 2005, 347, 1558-1560.	2.1	39
216	A Metal-Free Transfer Hydrogenation: Organocatalytic Conjugate Reduction of ?,?-Unsaturated Aldehydes.. ChemInform, 2005, 36, no.	0.1	0

#	Article	IF	Citations
217	Metal-Free, Organocatalytic Asymmetric Transfer Hydrogenation of ?,?-Unsaturated Aldehydes.. ChemInform, 2005, 36, no.	0.1	0
218	Asymmetric organocatalysis. Organic and Biomolecular Chemistry, 2005, 3, 719.	1.5	1,080
219	Catalytic Asymmetric Reductive Michael Cyclization. Journal of the American Chemical Society, 2005, 127, 15036-15037.	6.6	386
220	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
221	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
222	Catalytic Asymmetric Intramolecular Michael Reaction of Aldehydes. Angewandte Chemie - International Edition, 2004, 43, 3958-3960.	7.2	191
223	A Metal-Free Transfer Hydrogenation: Organocatalytic Conjugate Reduction of ?,?-Unsaturated Aldehydes. Angewandte Chemie - International Edition, 2004, 43, 6660-6662.	7.2	323
224	Organocatalysis: A Complementary Catalysis Strategy Advances Organic Synthesis. Advanced Synthesis and Catalysis, 2004, 346, 1021-1021.	2.1	66
225	Enamine Catalysis Is a Powerful Strategy for the Catalytic Generation and Use of Carbanion Equivalents. ChemInform, 2004, 35, no.	0.1	0
226	Catalytic Asymmetric Intramolecular Michael Reaction of Aldehydes.. ChemInform, 2004, 35, no.	0.1	0
227	Asymmetric Organocatalysis. Accounts of Chemical Research, 2004, 37, 487-487.	7.6	412
228	Catalytic Asymmetric Intramolecular Î±-Alkylation of Aldehydes. Journal of the American Chemical Society, 2004, 126, 450-451.	6.6	264
229	Direct Catalytic Asymmetric Enolexo Aldolizations. Angewandte Chemie - International Edition, 2003, 42, 2785-2788.	7.2	222
230	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
231	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
232	Proline-catalyzed asymmetric reactions. Tetrahedron, 2002, 58, 5573-5590.	1.0	1,118
233	Direct Catalytic Asymmetric Î±-Amination of Aldehydes. Journal of the American Chemical Society, 2002, 124, 5656-5657.	6.6	498
234	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

#	Article	IF	Citations
235	Proline-Catalyzed Asymmetric Aldol Reactions between Ketones and Î±-Unsubstituted Aldehydes. Organic Letters, 2001, 3, 573-575.	2.4	374
236	Asymmetric Aminocatalysis. Synlett, 2001, 2001, 1675-1686.	1.0	422
237	Efficient Proline-Catalyzed Michael Additions of Unmodified Ketones to Nitro Olefins. Organic Letters, 2001, 3, 2423-2425.	2.4	580
238	A Novel Proline-Catalyzed Three-Component Reaction of Ketones, Aldehydes, and Meldrum's Acid. Synlett, 2001, 2001, 1687-1689.	1.0	119
239	An Efficient Benchtop System for Multigram-Scale Kinetic Resolutions Using Aldolase Antibodies. Chemistry - A European Journal, 2000, 6, 2772-2774.	1.7	44
240	Proline-Catalyzed Direct Asymmetric Aldol Reactions. Journal of the American Chemical Society, 2000, 122, 2395-2396.	6.6	2,580
241	The Direct Catalytic Asymmetric Three-Component Mannich Reaction. Journal of the American Chemical Society, 2000, 122, 9336-9337.	6.6	705
242	Catalytic Asymmetric Synthesis ofanti-1,2-Diols. Journal of the American Chemical Society, 2000, 122, 7386-7387.	6.6	619
243	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
244	Enantioselective Aldol Cyclodehydrations Catalyzed by Antibody 38C2. Organic Letters, 1999, 1, 59-62.	2.4	86
245	Alchemy, enzymes, and the blind-watchmaker. Nature Biotechnology, 1998, 16, 423-424.	9.4	1
246	Enantioselective Total Synthesis of Some Brevicomins Using Aldolase Antibody 38C2. Chemistry - A European Journal, 1998, 4, 881-885.	1.7	83
247	Catalytic Enantioselective Retro-Aldol Reactions: Kinetic Resolution ofÎ²-Hydroxyketones with Aldolase Antibodies. Angewandte Chemie - International Edition, 1998, 37, 2481-2484.	7.2	100
248	Aldolase Antibodies of Remarkable Scope. Journal of the American Chemical Society, 1998, 120, 2768-2779.	6.6	233
249	Catalytic Enantioselective Retro-Aldol Reactions: Kinetic Resolution of Î²-Hydroxyketones with Aldolase Antibodies. , 1998, 37, 2481.		1
250	Immune Versus Natural Selection: Antibody Aldolases with Enzymic Rates But Broader Scope. Science, 1997, 278, 2085-2092.	6.0	402
251	The Siliconâ€"Hydrogen Exchange Reaction: Catalytic Kinetic Resolution of 2-Substituted Cyclic Ketones. Synlett, 0, 32, .	1.0	3
252	A Chiral Sulfoxide-Based Câ€"H Acid. Synlett, 0, 33, .	1.0	0

#	Article	IF	Citations
253	A Chiral, Dendralenic Câ€"H Acid. Synlett, 0, 33, .	1.0	0
254	Direct and Catalytic Câ€Glycosylation of Arenes: Expeditious Synthesis of the Remdesivir Nucleoside. Angewandte Chemie, 0, , .	1.6	1
255	Katalytische asymmetrische Additionen von Enolsilanen an in situ erzeugte zyklische, aliphatische N â€Acyliminiumionen. Angewandte Chemie, 0, , .	1.6	0
256	Chiral Phosphoric Acid Catalyzed Conversion of Epoxides into Thiiranes: Mechanism, Stereochemical Model, and New Catalyst Design. Angewandte Chemie, 0, , .	1.6	6