

Choong Eui Song

List of Publications by Year in descending order

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150
papers

8,138
citations

38742

50
h-index

54911

84
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188
all docs

188
docs citations

188
times ranked

6896
citing authors

#	ARTICLE	IF	CITATIONS
1	Supported Chiral Catalysts on Inorganic Materials. <i>Chemical Reviews</i> , 2002, 102, 3495-3524.	47.7	644
2	Enantioselective chemo- and bio-catalysis in ionic liquids. <i>Chemical Communications</i> , 2004, , 1033.	4.1	280
3	Practical method to recycle a chiral (salen)Mn epoxidation catalyst by using an ionic liquid. <i>Chemical Communications</i> , 2000, , 837-838.	4.1	246
4	New Method of Fluorination Using Potassium Fluoride in Ionic Liquid: Significantly Enhanced Reactivity of Fluoride and Improved Selectivity. <i>Journal of the American Chemical Society</i> , 2002, 124, 10278-10279.	13.7	242
5	Imidazolium Ion-Terminated Self-Assembled Monolayers on Au: Effects of Counteranions on Surface Wettability. <i>Journal of the American Chemical Society</i> , 2004, 126, 480-481.	13.7	240
6	Scandium(iii) triflate immobilised in ionic liquids: a novel and recyclable catalytic system for Friedel-Crafts alkylation of aromatic compounds with alkenes. <i>Chemical Communications</i> , 2000, , 1695-1696.	4.1	209
7	Toward Understanding the Origin of Positive Effects of Ionic Liquids on Catalysis: Formation of More Reactive Catalysts and Stabilization of Reactive Intermediates and Transition States in Ionic Liquids. <i>Accounts of Chemical Research</i> , 2010, 43, 985-994.	15.6	184
8	Dramatic Enhancement of Catalytic Activity in an Ionic Liquid: Highly Practical Friedel-Crafts Alkenylation of Arenes with Alkynes Catalyzed by Metal Triflates. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 6183-6185.	13.8	170
9	Significantly Enhanced Reactivities of the Nucleophilic Substitution Reactions in Ionic Liquid. <i>Journal of Organic Chemistry</i> , 2003, 68, 4281-4285.	3.2	159
10	A Highly Reactive and Enantioselective Bifunctional Organocatalyst for the Methanolytic Desymmetrization of Cyclic Anhydrides: Prevention of Catalyst Aggregation. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7872-7875.	13.8	150
11	Hydrogen-bond promoted nucleophilic fluorination: concept, mechanism and applications in positron emission tomography. <i>Chemical Society Reviews</i> , 2016, 45, 4638-4650.	38.1	130
12	Organocatalytic Enantioselective Michael Addition of Malonic Acid Half-Thioesters to Nitroolefins: From Mimicry of Polyketide Synthases to Scalable Synthesis of Amino Acids. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3196-3202.	4.3	128
13	Ionic liquids as powerful media in scandium triflate catalysed Diels-Alder reactions: significant rate acceleration, selectivity improvement and easy recycling of catalyst. <i>Chemical Communications</i> , 2001, , 1122-1123.	4.1	126
14	Poly(ethylene oxide)-based polymer electrolyte incorporating room-temperature ionic liquid for lithium batteries. <i>Solid State Ionics</i> , 2007, 178, 1235-1241.	2.7	121
15	Organotextile Catalysis. <i>Science</i> , 2013, 341, 1225-1229.	12.6	121
16	Palladium nanoparticles supported onto ionic carbon nanotubes as robust recyclable catalysts in an ionic liquid. <i>Chemical Communications</i> , 2008, , 942-944.	4.1	120
17	Bifunctional organocatalyst for methanolytic desymmetrization of cyclic anhydrides: increasing enantioselectivity by catalyst dilution. <i>Chemical Communications</i> , 2008, , 1208.	4.1	116
18	Metal Triflate-Catalyzed Regio- and Stereoselective Friedel-Crafts Alkenylation of Arenes with Alkynes in an Ionic Liquid: Scope and Mechanism. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1725-1737.	4.3	114

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19	Unprecedented Hydrophobic Amplification in Noncovalent Organocatalysis on Water: Hydrophobic Chiral Squaramide Catalyzed Michael Addition of Malonates to Nitroalkenes. <i>ACS Catalysis</i> , 2015, 5, 3613-3619.	11.2	110
20	Organocatalytic Enantioselective Decarboxylative Aldol Reaction of Malonic Acid Half Thioesters with Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12143-12147.	13.8	107
21	Bis-Terminal Hydroxy Polyethers as All-Purpose, Multifunctional Organic Promoters: A Mechanistic Investigation and Applications. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7683-7686.	13.8	103
22	Hydrogen bonding mediated enantioselective organocatalysis in brine: significant rate acceleration and enhanced stereoselectivity in enantioselective Michael addition reactions of 1,3-dicarbonyls to β -nitroolefins. <i>Chemical Communications</i> , 2011, 47, 9621.	4.1	102
23	Catalytic asymmetric hydrogenation in a room temperature ionic liquid using chiral Rh-complex of ionic liquid grafted 1,4-bisphosphine ligand Electronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b3/b309304b/ . <i>Chemical Communications</i> , 2003, , 2624.	4.1	97
24	Electrospun polymer membrane activated with room temperature ionic liquid: Novel polymer electrolytes for lithium batteries. <i>Journal of Power Sources</i> , 2007, 172, 863-869.	7.8	97
25	Cr(salen) catalysed asymmetric ring opening reactions of epoxides in room temperature ionic liquids. <i>Chemical Communications</i> , 2000, , 1743-1744.	4.1	91
26	Heterogeneous asymmetric epoxidation of alkenes catalysed by a polymer-bound (pyrrolidine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	4.1	91
27	Efficient and practical polymeric catalysts for heterogeneous asymmetric dihydroxylation of olefins. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 645-648.	1.8	89
28	DOSY NMR for monitoring self aggregation of bifunctional organocatalysts: increasing enantioselectivity with decreasing catalyst concentration. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3918.	2.8	89
29	Organocatalytic Enantioselective Decarboxylative Aldol Reaction of Malonic Acid Half Thioesters with Aldehydes. <i>Angewandte Chemie</i> , 2013, 125, 12365-12369.	2.0	87
30	Inhibition of TNF- α , IL-1 β , and IL-6 productions and NF- κ B activation in lipopolysaccharide-activated RAW 264.7 macrophages by catalposide, an iridoid glycoside isolated from <i>Catalpa ovata</i> G. Don (Bignoniaceae). <i>International Immunopharmacology</i> , 2002, 2, 1173-1181.	3.8	84
31	Organic radical battery with PTMA cathode: Effect of PTMA content on electrochemical properties. <i>Journal of Industrial and Engineering Chemistry</i> , 2008, 14, 371-376.	5.8	84
32	Parts-per-million level loading organocatalysed enantioselective silylation of alcohols. <i>Nature Communications</i> , 2015, 6, 7512.	12.8	81
33	Hydrogenation of Arenes by Dual Activation: Reduction of Substrates Ranging from Benzene to C ₆₀ Fullerene under Ambient Conditions. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8615-8617.	13.8	74
34	Hydroxylation of Alkyl Halides with Water in Ionic Liquid: A Significantly Enhanced Nucleophilicity of Water. <i>Journal of Organic Chemistry</i> , 2004, 69, 3186-3189.	3.2	72
35	Effect of radical polymer cathode thickness on the electrochemical performance of organic radical battery. <i>Solid State Ionics</i> , 2007, 178, 1546-1551.	2.7	72
36	A polymer-supported Cinchona-based bifunctional sulfonamide catalyst: a highly enantioselective, recyclable heterogeneous organocatalyst. <i>Chemical Communications</i> , 2009, , 2220.	4.1	72

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37	Water-Enabled Catalytic Asymmetric Michael Reactions of Unreactive Nitroalkenes: One-Pot Synthesis of Chiral GABA-Analogs with All-Carbon Quaternary Stereogenic Centers. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1835-1839.	13.8	70
38	A Chiral Anion Generator: Application to Catalytic Desilylative Kinetic Resolution of Silyl-Protected Secondary Alcohols. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8915-8917.	13.8	69
39	Scalable organocatalytic asymmetric Strecker reactions catalysed by a chiral cyanide generator. <i>Nature Communications</i> , 2012, 3, 1212.	12.8	69
40	New C2-symmetric chiral ketones for catalytic asymmetric epoxidation of unfunctionalized olefins. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2921-2926.	1.8	65
41	Rechargeable Organic Radical Battery with Electrospun, Fibrous Membrane-Based Polymer Electrolyte. <i>Journal of the Electrochemical Society</i> , 2007, 154, A839.	2.9	63
42	Silica gel supported bis-cinchona alkaloid: a highly efficient chiral ligand for heterogeneous asymmetric dihydroxylation of olefins. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 841-844.	1.8	62
43	Induction of heme oxygenase-1 is involved in anti-proliferative effects of paclitaxel on rat vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 132-137.	2.1	58
44	The dramatic acceleration effect of imidazolium ionic liquids on electron transfer reactions. <i>Chemical Communications</i> , 2007, , 3467.	4.1	57
45	Enantioselective Alcoholysis of <i>meso</i> -Glutaric Anhydrides Catalyzed by Cinchona-Based Sulfonamide Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 2211-2217.	4.3	57
46	Self-Supported Oligomeric Grubbs/Hoveyda-Type Ru ^{II} -Carbene Complexes for Ring-Closing Metathesis. <i>Organic Letters</i> , 2007, 9, 3845-3848.	4.6	56
47	Osmium Tetroxide Anchored to Porous Resins Bearing Residual Vinyl Groups: A Highly Active and Recyclable Solid for Asymmetric Dihydroxylation of Olefins. <i>Organic Letters</i> , 2002, 4, 4685-4688.	4.6	54
48	Osmium tetroxide-(QN) ₂ PHAL in an ionic liquid: a highly efficient and recyclable catalyst system for asymmetric dihydroxylation of olefins. <i>Chemical Communications</i> , 2002, , 3038-3039.	4.1	54
49	Novel 1,4-Diphosphanes with Imidazolidin-2-one Backbones as Chiral Ligands: Highly Enantioselective Rh-Catalyzed Hydrogenation of Enamides. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 847-849.	13.8	53
50	Electrochemical properties of rechargeable organic radical battery with PTMA cathode. <i>Metals and Materials International</i> , 2009, 15, 77-82.	3.4	53
51	Direct Catalytic Asymmetric Mannich Reaction with Dithiomalonates as Excellent Mannich Donors: Organocatalytic Synthesis of <i>Sitagliptin</i> . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10825-10829.	13.8	52
52	Organocatalytic Asymmetric Synthesis of Chiral Dioxazinanes and Dioxazepanes with <i>in Situ</i> Generated Nitrones via a Tandem Reaction Pathway Using a Cooperative Cation Binding Catalyst. <i>Journal of the American Chemical Society</i> , 2016, 138, 16486-16492.	13.7	52
53	Heterogeneous Pd-Catalyzed Asymmetric Allylic Substitution Using Resin-Supported Trost-Type Bisphosphane Ligands. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3852-3854.	13.8	51
54	Immobilisation of chiral catalysts: easy recycling of catalyst and improvement of catalytic efficiencies. <i>Annual Reports on the Progress of Chemistry Section C</i> , 2005, 101, 143.	4.4	49

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55	Chiral Organometallic Catalysts in Confined Nanospaces: Significantly Enhanced Enantioselectivity and Stability. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2927-2935.	2.0	48
56	Thermal Behaviors of Ionic Liquids Under Microwave Irradiation and Their Application on Microwave-Assisted Catalytic Beckmann Rearrangement of Ketoximes. <i>Synthetic Communications</i> , 2003, 33, 2301-2307.	2.1	47
57	Acceleration of the Baylis-Hillman Reaction in the Presence of Ionic Liquids. <i>Helvetica Chimica Acta</i> , 2003, 86, 894-899.	1.6	46
58	Thermodynamically- and kinetically-controlled Friedel-Crafts alkylation of arenes with alkynes using an acidic fluoroantimonate(V) ionic liquid as catalyst. <i>Chemical Communications</i> , 2007, , 3482.	4.1	45
59	Electrochemical properties of new organic radical materials for lithium secondary batteries. <i>Journal of Power Sources</i> , 2008, 184, 503-507.	7.8	45
60	Self-association free bifunctional thiourea organocatalysts: synthesis of chiral $\hat{\pm}$ -amino acids via dynamic kinetic resolution of racemic azlactones. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1052-1055.	2.8	44
61	Asymmetric Synthesis of $\hat{\pm}$ -Fluoro- $\hat{2}$ -Amino-oxindoles with Tetrasubstituted C \hat{F} Stereogenic Centers via Cooperative Cation-Binding Catalysis. <i>Organic Letters</i> , 2017, 19, 5336-5339.	4.6	44
62	Asymmetric Synthesis of Trisubstituted Tetrahydrothiophenes via in Situ Generated Chiral Fluoride-Catalyzed Cascade Sulfa-Michael/Aldol Reaction of 1,4-Dithiane-2,5-diol and $\hat{\pm}$, $\hat{2}$ -Unsaturated Ketones. <i>Organic Letters</i> , 2017, 19, 2298-2301.	4.6	42
63	C ₂ -Symmetric Bisphosphinobioxazoline as a Chiral Ligand. Highly Enantioselective Palladium-Catalyzed Allylic Substitutions and Formation of P,N,N,P-Tetradentate Palladium (II) Complexes. <i>Journal of Organic Chemistry</i> , 1999, 64, 4445-4451.	3.2	41
64	Immobilisation of ketone catalyst: a method to prevent ketone catalyst from decomposing during dioxirane-mediated epoxidation of alkenes. <i>Chemical Communications</i> , 2000, , 2415-2416.	4.1	41
65	New method for the preparation of (R)-carnitine. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 1063-1066.	1.8	40
66	A new C ₂ -symmetric chiral bisphosphine ligand containing a bioxazole backbone: highly enantioselective hydrosilylation of ketones. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 4027-4031.	1.8	39
67	Enantioselective Synthesis of <i>anti</i> - $\hat{\pm}$ - <i>syn</i> -Trihalides and <i>anti</i> - $\hat{\pm}$ - <i>syn</i> -Tetrahalides via Asymmetric $\hat{2}$ -Elimination. <i>Journal of the American Chemical Society</i> , 2017, 139, 6431-6436.	13.7	39
68	Polymeric cinchona alkaloids for the heterogeneous catalytic asymmetric dihydroxylation of olefins: The influence of the polymer backbone polarity on the compatibility between polymer support and reaction medium. <i>Tetrahedron: Asymmetry</i> , 1995, 6, 2687-2694.	1.8	38
69	Oligoethylene Glycols as Highly Efficient Multifunctional Promoters for Nucleophilic Substitution Reactions. <i>Chemistry - A European Journal</i> , 2012, 18, 3918-3924.	3.3	38
70	Synthesis of new C ₂ -symmetric bioxazoles and application as chiral ligands in asymmetric hydrosilylation. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 2927-2932.	1.8	37
71	S _N 2 Fluorination reactions in ionic liquids: a mechanistic study towards solvent engineering. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 418-422.	2.8	37
72	HALOGENATION OF AROMATIC METHYL KETONES USING OXONE $\hat{\circ}$ AND SODIUM HALIDE. <i>Synthetic Communications</i> , 2001, 31, 3627-3632.	2.1	36

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73	Direct Access to Chiral $\hat{\pm}$ -Fluoroamines with Quaternary Stereogenic Center through Cooperative Cation- $\hat{\pm}$ Binding Catalysis. <i>Chemistry - A European Journal</i> , 2017, 23, 1268-1272.	3.3	35
74	Biomimetic catalytic transformation of toxic $\hat{\pm}$ -oxoaldehydes to high-value chiral $\hat{\pm}$ -hydroxythioesters using artificial glyoxalase I. <i>Nature Communications</i> , 2017, 8, 14877.	12.8	34
75	Gold-catalyzed [5+2] cycloaddition of quinolinium zwitterions and allenamides as an efficient route to fused 1,4-diazepines. <i>Chemical Communications</i> , 2018, 54, 6911-6914.	4.1	34
76	Hydrophobic chirality amplification in confined water cages. <i>Nature Communications</i> , 2019, 10, 851.	12.8	33
77	Electrochemical Properties of PEO-Based Polymer Electrolytes Blended with Different Room Temperature Ionic Liquids. <i>Macromolecular Symposia</i> , 2007, 249-250, 183-189.	0.7	32
78	N-Heterocyclic carbene-catalysed intermolecular Stetter reactions of acetaldehyde. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2069.	2.8	32
79	A new synthetic route to (3R,4S)-3-hydroxy-4-phenylazetidin-2-one as a taxol side chain precursor. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 983-992.	1.8	31
80	A mild and efficient method for the selective deprotection of silyl ethers using KF in the presence of tetraethylene glycol. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8119.	2.8	30
81	Highly Efficient Bipolar Host Materials with Indenocarbazole and Pyrimidine Moieties for Phosphorescent Green Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 28757-28763.	3.1	30
82	Chemoselective and repetitive intermolecular cross-acyloin condensation reactions between a variety of aromatic and aliphatic aldehydes using a robust N-heterocyclic carbene catalyst. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1547-1550.	2.8	30
83	Cooperative Cation- $\hat{\pm}$ Binding Catalysis as an Efficient Approach for Enantioselective Friedel-Crafts Reaction of Indoles and Pyrrole. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 811-823.	4.3	29
84	Inhibition of Inducible Nitric Oxide Synthesis by Catalposide from <i>Catalpa ovata</i> . <i>Planta Medica</i> , 2002, 68, 685-689.	1.3	28
85	Activation of Lewis acid catalysts in the presence of an organic salt containing a non-coordinating anion: its origin and application potential. <i>Chemical Communications</i> , 2007, , 4683.	4.1	26
86	Self-association-free dimeric cinchona alkaloid organocatalysts: unprecedented catalytic activity, enantioselectivity and catalyst recyclability in dynamic kinetic resolution of racemic azlactones. <i>Chemical Communications</i> , 2009, , 7224.	4.1	26
87	Enantioselective synthesis of $\hat{\pm}$ -deuterium labelled chiral $\hat{\pm}$ -amino acids via dynamic kinetic resolution of racemic azlactones. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7983.	2.8	26
88	Asymmetric Synthesis of 2- $\hat{\pm}$ -thiocyanato-2-(1- $\hat{\pm}$ -aminoalkyl)- $\hat{\pm}$ -substituted 1- $\hat{\pm}$ -tetralones and 1- $\hat{\pm}$ -indanones with Tetrasubstituted Carbon Stereogenic Centers <i>via</i> Cooperative Cation- $\hat{\pm}$ Binding Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1879-1891.	4.3	26
89	Structure-activity relationship study at the 3- $\hat{\pm}$ -N-position of paclitaxel: synthesis and biological evaluation of 3- $\hat{\pm}$ -N-acyl-paclitaxel analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 3145-3151.	3.0	25
90	Fluoride Anions in Self-Assembled Chiral Cage for the Enantioselective Protonation of Silyl Enol Ethers. <i>Organic Letters</i> , 2017, 19, 3279-3282.	4.6	25

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91	Bioinspired Synthesis of Chiral 3,4-Dihydropyranones via S-to-O Acyl-Transfer Reactions. <i>Organic Letters</i> , 2018, 20, 1584-1588.	4.6	24
92	Kinetic Resolution of Allylic Alcohol with Chiral BINOL-Based Alkoxides: A Combination of Experimental and Theoretical Studies. <i>Journal of the American Chemical Society</i> , 2019, 141, 1150-1159.	13.7	24
93	One-step synthesis of paclitaxel side-chain precursor: benzamide-based asymmetric aminohydroxylation of isopropyl trans-cinnamate. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 671-674.	1.8	23
94	Novel phosphinobioxazines as chiral ligands in palladium-catalyzed enantioselective allylic substitution. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 1795-1802.	1.8	23
95	Water-Enabled Catalytic Asymmetric Michael Reactions of Unreactive Nitroalkenes: One-Pot Synthesis of Chiral GABA Analogs with All-Carbon Quaternary Stereogenic Centers. <i>Angewandte Chemie</i> , 2017, 129, 1861-1865.	2.0	23
96	Asymmetric Amination via Cation-Binding Catalysis. <i>Chemistry - A European Journal</i> , 2018, 24, 1020-1025.	3.3	23
97	Polymeric cinchona alkaloids as catalysts in the enantioselective 2,2-cycloaddition reaction of ketene and chloral. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1215-1218.	1.8	21
98	Polymer-supported bis-cinchona alkaloid ligands for asymmetric dihydroxylation of alkenes—a cautionary tale. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 1029-1034.	1.8	20
99	Synthesis of Diastereomeric 1,4-Diphosphine Ligands Bearing Imidazolidin-2-one Backbone and Their Application in Rh(I)-Catalyzed Asymmetric Hydrogenation of Functionalized Olefins. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 563-570.	4.3	20
100	Cinchona-based Sulfonamide Organocatalysts: Concept, Scope, and Practical Applications. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 1590-1600.	1.9	20
101	Heterogeneous asymmetric aminohydroxylation of alkenes using a silica gel-supported bis-cinchona alkaloid. <i>Chemical Communications</i> , 1998, , 2435-2436.	4.1	19
102	Access to Chiral GABA Analogues Bearing a Trifluoromethylated All-Carbon Quaternary Stereogenic Center through Water-Promoted Organocatalytic Michael Reactions. <i>Organic Letters</i> , 2019, 21, 6715-6719.	4.6	19
103	Direct Access to β^2 -Trifluoromethyl- β^2 -hydroxy Thioesters by Biomimetic Organocatalytic Enantioselective Aldol Reaction. <i>Organic Letters</i> , 2019, 21, 4567-4570.	4.6	19
104	Oxygen tripod ligands with functionalized pendant arms: the dangling ligand concept in homogeneous catalysis. <i>Organometallics</i> , 1993, 12, 4949-4954.	2.3	17
105	Organocatalytic Enantioselective Cycloetherifications Using a Cooperative Cation-Binding Catalyst. <i>Organic Letters</i> , 2018, 20, 5319-5322.	4.6	17
106	Radiolabeling of paclitaxel with electrophilic ^{123}I . <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 65-68.	3.0	16
107	Direct Catalytic Asymmetric Mannich Reaction with Dithiomalonates as Excellent Mannich Donors: Organocatalytic Synthesis of (<i>R</i>)-Sitagliptin. <i>Angewandte Chemie</i> , 2016, 128, 10983-10987.	2.0	16
108	Kinetic Resolution of β^2 -Hydroxy Carbonyl Compounds via Enantioselective Dehydration Using a Cation-Binding Catalyst: Facile Access to Enantiopure Chiral Aldols. <i>Organic Letters</i> , 2018, 20, 2003-2006.	4.6	16

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109	Multicomponent dipolar cycloadditions: efficient synthesis of polycyclic fused pyrrolizidines via azomethine ylides. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1773-1777.	2.8	16
110	Bio-inspired Water-Driven Catalytic Enantioselective Protonation. <i>Journal of the American Chemical Society</i> , 2021, 143, 2552-2557.	13.7	16
111	Synthesis, biological activity and receptor-based 3-D QSAR study of 3- <i>N</i> -substituted- <i>N</i> -debenzoypaclitaxel analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 3135-3143.	3.0	15
112	Markedly enhanced recyclability of osmium catalyst in asymmetric dihydroxylation reactions by using macroporous resins bearing both residual vinyl groups and quaternary ammonium moieties. <i>Chemical Communications</i> , 2005, , 3337.	4.1	15
113	Cooperative Asymmetric Cation-Binding Catalysis. <i>Accounts of Chemical Research</i> , 2021, 54, 4319-4333.	15.6	15
114	Preparation of Ethyl (<i>R</i>)-3-hydroxy-4-chlorobutyrate by Selective Reduction of (<i>R</i>)-4-(Trichloromethyl)-oxetan-2-one: Key Intermediate to (<i>R</i>)-Carnitine and (<i>R</i>)-4-Amino-3-hydroxybutyric Acid. <i>Synthetic Communications</i> , 1997, 27, 1009-1014.	2.1	14
115	Oxidatively pure chiral (salen)Co(III)-X complexes in situ prepared by Lewis acid-promoted electron transfer from chiral (salen)Co(II) to oxygen: Their application in the hydrolytic kinetic resolution of terminal epoxides. <i>Journal of Molecular Catalysis A</i> , 2007, 271, 70-74.	4.8	14
116	Preparation and application of TEMPO-based di-radical organic electrode with ionic liquid-based polymer electrolyte. <i>RSC Advances</i> , 2012, 2, 10394.	3.6	14
117	Asymmetric Hydrocyanation of 3-Phenoxybenzaldehyde Catalyzed by Polymer-Bound Cyclic Dipeptides. <i>Synthetic Communications</i> , 1994, 24, 103-109.	2.1	13
118	Osmylated macroporous resins: safe, highly efficient and recyclable catalysts for asymmetric aminohydroxylation of olefins. Electronic supplementary information (ESI) available: experimental procedure. See http://www.rsc.org/suppdata/cc/b3/b303022a/ . <i>Chemical Communications</i> , 2003, , 1312-1313.	4.1	13
119	New Mono-Quarternized Bis-Cinchona Alkaloid Ligands for Asymmetric Dihydroxylation of Olefins in Aqueous Medium: Unprecedented High Enantioselectivity and Recyclability. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2560-2564.	4.3	13
120	The reaction of cobaltocene with secondary phosphine oxides revisited. Trapping of an intermediate cobalt(I) complex. <i>Inorganic Chemistry</i> , 1989, 28, 3845-3849.	4.0	11
121	An Overview of Cinchona Alkaloids in Chemistry. , 0, , 1-10.		11
122	Nucleophilic substitution reactions promoted by oligoethylene glycols: a mechanistic study of ion-pair S _N 2 processes facilitated by Lewis base. <i>Journal of Physical Organic Chemistry</i> , 2013, 26, 9-14.	1.9	11
123	Synthesis and biology of 3- <i>N</i> -acyl- <i>N</i> -debenzoypaclitaxel analogues. <i>Bioorganic and Medicinal Chemistry</i> , 1999, 7, 2115-2119.	3.0	10
124	Diastereoselective diaza-Cope rearrangement reaction. <i>Chemical Communications</i> , 2008, , 1335.	4.1	10
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