

Keiji Maruoka

List of Publications by Year in descending order

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266
papers

16,829
citations

14614

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times ranked

7790
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical Asymmetric Synthesis of Chiral Sulfoximines via Sulfur-Selective Alkylation. <i>Journal of Organic Chemistry</i> , 2022, 87, 3652-3660.	1.7	16
2	Selective functionalization of benzylic C-H bonds of two different benzylic ethers by bowl-shaped N-hydroxyimide derivatives as efficient organoradical catalysts. <i>Chemical Communications</i> , 2022, 58, 1021-1024.	2.2	8
3	A new approach for the copper-catalyzed functionalization of alkyl hydroperoxides with organosilicon compounds via in-situ-generated alkylsilyl peroxides. <i>Tetrahedron</i> , 2022, , 132627.	1.0	9
4	Cationic DABCO-Based Catalyst for Site-Selective C-H Alkylation via Photoinduced Hydrogen-Atom Transfer. <i>ACS Catalysis</i> , 2022, 12, 2045-2051.	5.5	29
5	Design of Bifunctional Aminoamide Organocatalysts and Application in Various Asymmetric Transformations. <i>Chemical Record</i> , 2022, 22, e202200004.	2.9	5
6	Fe-Catalyzed Dicarbofunctionalization of Vinylarenes with Alkylsilyl Peroxides and β -Keto Carbonyl Substrates. <i>Organic Letters</i> , 2022, 24, 2641-2645.	2.4	10
7	VCD spectroscopy distinguishes the enamine and iminium ion of a 1,1'-binaphthyl azepine. <i>Chemical Communications</i> , 2022, 58, 8412-8415.	2.2	1
8	Fe-Catalyzed Three-Component Coupling Reaction of α,β,γ -Unsaturated Carbonyl Compounds and Conjugate Dienes with Alkylsilyl Peroxides and Nucleophiles. <i>Journal of Organic Chemistry</i> , 2022, 87, 8824-8834.	1.7	11
9	Development of New Radical-Mediated Selective Reactions Promoted by Hypervalent Iodine(III) Reagents. <i>Chemical Record</i> , 2021, 21, 1342-1357.	2.9	9
10	Cu-Catalyzed O-alkylation of phenol derivatives with alkylsilyl peroxides. <i>Chemical Communications</i> , 2021, 57, 81-84.	2.2	21
11	Construction of chiral α -tert-amine scaffolds via amine-catalyzed asymmetric Mannich reactions of alkyl-substituted ketimines. <i>Chemical Science</i> , 2021, 12, 1445-1450.	3.7	13
12	Deacylative Carbon-Carbon Bond Cleavage of Ketone Equivalents: Applications to Radical Carbon-Carbon Bond Formation Reactions. <i>Chemistry - an Asian Journal</i> , 2021, 16, 282-286.	1.7	2
13	Bifunctional amino sulfonamide-catalyzed asymmetric conjugate addition to alkenyl alkynyl ketimines as enone surrogates. <i>Chemical Communications</i> , 2021, 57, 2808-2811.	2.2	9
14	Metal-free approach for hindered amide-bond formation with hypervalent iodine reagents: application to hindered peptide synthesis. <i>Green Chemistry</i> , 2021, 23, 848-855.	4.6	18
15	Asymmetric α -Hydroxylation of α -Aryl- γ -lactams with Molecular Oxygen under Phase-Transfer Conditions. <i>Organic Letters</i> , 2021, 23, 792-796.	2.4	16
16	The copper-catalyzed selective monoalkylation of active methylene compounds with alkylsilyl peroxides. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2658-2662.	1.5	12
17	Ni-Catalyzed C(sp ²)-H alkylation of N-quinolybenzamides using alkylsilyl peroxides as structurally diverse alkyl sources. <i>Chemical Communications</i> , 2021, 57, 7942-7945.	2.2	14
18	The Formation of C-C or C-N Bonds via the Copper-Catalyzed Coupling of Alkylsilyl Peroxides and Organosilicon Compounds: A Route to Perfluoroalkylation. <i>Organic Letters</i> , 2021, 23, 1809-1813.	2.4	19

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19	Development of Organosilicon Peroxides as Practical Alkyl Radical Precursors and Their Applications to Transition Metal Catalysis. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 513-524.	2.0	24
20	Remarkable Effect of tert -Amine Additives in the Asymmetric Direct Michael Reaction of Ketones with 1,2-Arylnitroethenes Catalyzed by an L -Hydroxyproline-Based Amino Tf-Amide Organocatalyst. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1909-1912.	1.2	4
21	Radical-Mediated Activation of Esters with a Copper/Selectfluor System: Synthesis of Bulky Amides and Peptides. <i>Journal of Organic Chemistry</i> , 2021, 86, 5401-5411.	1.7	12
22	Enantioselective Hydrative <i>para</i> -Dearomatization of Sulfonanilides by an Indanol-Based Chiral Organiodine Catalyzt. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1638-1642.	1.3	6
23	Synthesis of alkynyl Z-ketimines and their application in amine-catalyzed asymmetric Mannich reactions and conjugate addition. <i>Tetrahedron</i> , 2021, 91, 132225.	1.0	7
24	In-situ-generation of alkylsilyl peroxides from alkyl hydroperoxides and their subsequent copper-catalyzed functionalization with organosilicon compounds. <i>Tetrahedron Letters</i> , 2021, 75, 153144.	0.7	4
25	Synthesis of Functionalized Aliphatic Acid Esters via the Generation of Alkyl Radicals from Silylperoxyacetals. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2431-2434.	1.7	4
26	Highly Selective Monoalkylation of Active Methylene and Related Derivatives using Alkylsilyl Peroxides by a Catalytic Cu-DMAP System. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 2625.	1.3	7
27	Iodine(III)-catalyzed benzylic oxidation by using the (PhIO) _n /Al(NO ₃) ₃ system. <i>Synthetic Communications</i> , 2020, 50, 539-548.	1.1	15
28	Construction of Quaternary Carbon Center by Catalytic Asymmetric Alkylation of 3-Arylpiperidin-2-ones Under Phase-Transfer Conditions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2211-2214.	7.2	16
29	Construction of Quaternary Carbon Center by Catalytic Asymmetric Alkylation of 3-Arylpiperidin-2-ones Under Phase-Transfer Conditions. <i>Angewandte Chemie</i> , 2020, 132, 2231-2234.	1.6	6
30	CuCl ₂ -Mediated Oxidative Intramolecular α -Arylation of Ketones with Phenolic Nucleophiles via Oxyallyl Cation Intermediates. <i>Chemistry - an Asian Journal</i> , 2020, 15, 3816-3819.	1.7	2
31	Cu-Catalyzed Enantioselective Alkylarylation of Vinylarenes Enabled by Chiral Binaphthyl-BOX Hybrid Ligands. <i>Journal of the American Chemical Society</i> , 2020, 142, 19017-19022.	6.6	50
32	Efficient cleavage of tertiary amide bonds via radical-polar crossover using a copper(ii) bromide/Selectfluor hybrid system. <i>Chemical Science</i> , 2020, 11, 12323-12328.	3.7	22
33	<i>N</i> -Hydroxybenzimidazole as a structurally modifiable platform for <i>N</i> -oxyl radicals for direct C-H functionalization reactions. <i>Chemical Science</i> , 2020, 11, 5772-5778.	3.7	23
34	Design of Bowl-Shaped <i>N</i> -Hydroxyimide Derivatives as New Organoradical Catalysts for Site-Selective C(sp ³)-H Bond Functionalization Reactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14261-14264.	7.2	15
35	Practical Synthesis of α,β -Alkynyl Ketones by Oxidative Alkynylation of Aldehydes with Hypervalent Alkynyliodine Reagents. <i>Chemistry Letters</i> , 2020, 49, 633-636.	0.7	5
36	Organocatalytic Formal (3 + 2) Cycloaddition toward Chiral Pyrrolo[1,2- <i>a</i>]indoles via Dynamic Kinetic Resolution of Allene Intermediates. <i>Organic Letters</i> , 2020, 22, 5439-5445.	2.4	38

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37	Synthesis of Electron-Deficient Chiral Biphenols and Their Applications in Catalytic Asymmetric Reactions. <i>Journal of Organic Chemistry</i> , 2020, 85, 10232-10239.	1.7	4
38	Hypervalent Iodine-Mediated Diastereoselective α -Acetoxylation of Cyclic Ketones. <i>Frontiers in Chemistry</i> , 2020, 8, 467.	1.8	8
39	Design of Bowl-Shaped N-Hydroxyimide Derivatives as New Organoradical Catalysts for Site-Selective C(sp ³) α -H Bond Functionalization Reactions. <i>Angewandte Chemie</i> , 2020, 132, 14367-14370.	1.6	0
40	Brønsted Acid-Catalyzed Intramolecular α -Arylation of Ketones with Phenolic Nucleophiles via Oxyallyl Cation Intermediates. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 1907-1911.	1.2	12
41	Cu-Catalyzed Generation of Alkyl Radicals from Alkylsilyl Peroxides and Subsequent C(sp ³) α -C(sp ²) Cross-Coupling with Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 2020, 85, 3973-3980.	1.7	26
42	Enantioselective Synthesis of Monosaccharide Analogues by Two-Step Sequential Enamine Catalysis: Benzoyloxylation and Aldol Reaction. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2028-2032.	1.2	3
43	Practical Synthesis of High-Performance Amino Tertiary Amide Organocatalysts for Asymmetric Aldol Reactions. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 206-209.	1.3	5
44	Innenteilbild: Construction of Quaternary Carbon Center by Catalytic Asymmetric Alkylation of 3-Arylpiperidinones Under Phase-Transfer Conditions (<i>Angew. Chem.</i> 6/2020). <i>Angewandte Chemie</i> , 2020, 132, 2146-2146.	0	0
45	Development of Ketone-Based Brominating Agents (KBA) for the Practical Asymmetric α -Bromination of Aldehydes Catalyzed by Tritylpyrrolidine. <i>ACS Catalysis</i> , 2020, 10, 5959-5963.	5.5	16
46	Iron-Catalyzed Radical Cleavage/C-C Bond Formation of Acetal-Derived Alkylsilyl Peroxides. <i>Chemistry - an Asian Journal</i> , 2020, 15, 573-576.	1.7	22
47	Broad-spectrum antifungal activity of spirooxindolo-pyrrolidine tethered indole/imidazole hybrid heterocycles against fungal pathogens. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2059-2063.	1.0	29
48	Scalable Synthesis of a Chiral Selenium α -Acid Catalyst and Its Use in Enantioselective Iminolactonization of α,β -Unsaturated Amides. <i>Synlett</i> , 2019, 30, 1679-1682.	1.0	12
49	Asymmetric Synthesis of Chiral Sulfoximines through the α -Alkylation of Sulfinamides. <i>Angewandte Chemie</i> , 2019, 131, 17825-17829.	1.6	10
50	Asymmetric Synthesis of Chiral Sulfoximines through the α -Alkylation of Sulfinamides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17661-17665.	7.2	59
51	Efficient Synthesis of Cyclic Sulfoximines from N -Propargylsulfonamides through Sulfur-Carbon Bond Formation. <i>Chemistry - A European Journal</i> , 2019, 25, 15755-15758.	1.7	21
52	Synthesis of Phenylcyclopropane-Based Secondary Amine Catalysts and Their Applications in Enamine Catalysis. <i>Organic Letters</i> , 2019, 21, 8071-8074.	2.4	12
53	Enantioselective Alkynylation of Isatin Derivatives Using a Chiral Phase-Transfer/Transition-Metal Hybrid Catalyst System. <i>ACS Catalysis</i> , 2019, 9, 2395-2399.	5.5	30
54	Asymmetric Synthesis of Chiral 1,4-Enynes through Organocatalytic Alkenylation of Propargyl Alcohols with Trialkenylboroxines. <i>Angewandte Chemie</i> , 2019, 131, 8990-8993.	1.6	4

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55	Synthesis of \pm -Quaternary Aldehydes via a Stereoselective Semi-Pinacol Rearrangement of Optically Active Epoxy Alcohols. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1390-1393.	1.3	3
56	Asymmetric Synthesis of Chiral 1,4-Enynes through Organocatalytic Alkenylation of Propargyl Alcohols with Trialkenylboroxines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8898-8901.	7.2	34
57	Asymmetric Synthesis of \pm -Amino Acids by Organocatalytic Biomimetic Transamination. <i>Organic Letters</i> , 2019, 21, 2294-2297.	2.4	14
58	Synthesis of Functionalized Organoboron/Silicon Compounds by Copper-Catalyzed Coupling of Alkylsilyl Peroxides and Diboron/Silylborane Reagents. <i>Organic Letters</i> , 2019, 21, 2477-2481.	2.4	30
59	One-Pot Synthesis of Less Accessible <i>N</i> -Boc-Propargylic Amines through BF ₃ -Catalyzed Alkynylation and Allylation Using Boronic Esters. <i>Organic Letters</i> , 2019, 21, 3214-3217.	2.4	14
60	Iodine(III)-Catalyzed Electrophilic Nitration of Phenols via Non-Brønsted Acidic NO ₂ ⁺ Generation. <i>Organic Letters</i> , 2019, 21, 1315-1319.	2.4	31
61	Asymmetric Synthesis of Chiral Sulfoximines via the <i>S</i> -Arylation of Sulfinamides. <i>Journal of the American Chemical Society</i> , 2019, 141, 19263-19268.	6.6	69
62	Design of New Amino Tf-Amide Organocatalysts: Environmentally Benign Approach to Asymmetric Aldol Synthesis. <i>Synlett</i> , 2019, 30, 401-404.	1.0	12
63	Generation of alkyl radicals from alkylsilyl peroxides and their applications to C-N or C-O bond formations. <i>Tetrahedron</i> , 2019, 75, 172-179.	1.0	28
64	Design of Efficient Chiral Bifunctional Phase-Transfer Catalysts Possessing an Amino Functionality for Asymmetric Aminations. <i>ACS Catalysis</i> , 2019, 9, 78-82.	5.5	29
65	Benzimidazole tethered pyrrolo[3,4-b]quinoline with broad-spectrum activity against fungal pathogens. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 729-733.	1.0	22
66	Copper-Catalyzed C(sp) ² -C(sp ³) Coupling of Terminal Alkynes with Alkylsilyl Peroxides via a Radical Mechanism. <i>Organic Letters</i> , 2018, 20, 1400-1403.	2.4	39
67	Indanol-Based Chiral Organoiodine Catalysts for Enantioselective Hydrative Dearomatization. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7200-7204.	7.2	70
68	Indanol-Based Chiral Organoiodine Catalysts for Enantioselective Hydrative Dearomatization. <i>Angewandte Chemie</i> , 2018, 130, 7318-7322.	1.6	20
69	A Synthetic Route to Sodium \pm -Aminoalkanesulfonates and Their Application in the Generation of \pm -Aminoalkyl Radicals for Radical Addition Reactions. <i>Organic Letters</i> , 2018, 20, 2080-2083.	2.4	13
70	Catalyst-controlled diastereoselectivity reversal in the formation of dihydropyrans. <i>Chemical Communications</i> , 2018, 54, 3496-3499.	2.2	12
71	Alkylative kinetic resolution of vicinal diols under phase-transfer conditions: a chiral ammonium borinate catalysis. <i>Chemical Science</i> , 2018, 9, 1231-1235.	3.7	32
72	Chiral amine-catalyzed asymmetric conjugate addition of aldehydes to \pm -phenylselenoenones as formal <i>Z</i> -allylating agents. <i>Chemical Communications</i> , 2018, 54, 176-179.	2.2	6

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73	Chemoselective Preparation of 1-Iodoalkynes, 1,2-Diiodoalkenes, and 1,1,2-Triiodoalkenes Based on the Oxidative Iodination of Terminal Alkynes. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	0
74	Practical synthesis of four different pseudoenantiomeric organocatalysts with both cis- and trans-substituted 1,2-cis-cyclohexanediamine structures from a common intermediate. <i>Tetrahedron</i> , 2018, 74, 5263-5269.	1.0	2
75	Enantioselective Alkylation of <i>N</i> -Arylhydrazones Derived from α -Keto Esters and Isatin Derivatives through Asymmetric Phase-Transfer Catalysis. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1780-1783.	1.7	8
76	BF ₃ -Catalyzed Synthesis of Cyclic Carbamates from Boc-Protected Amino Alcohols and Alkynes. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1575-1578.	1.3	7
77	Phase-transfer-catalysed asymmetric synthesis of 2,2-disubstituted 1,4-benzoxazin-3-ones. <i>Chemical Communications</i> , 2018, 54, 7078-7080.	2.2	9
78	Transition-Metal-Free Direct C-H Silylation of Electron-Deficient Heteroarenes with Hydrosilanes via a Radical Mechanism. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1085-1088.	1.3	34
79	Synthesis of α -Aminoindenes through Aza-Prins-type Cyclization. <i>Chemistry - A European Journal</i> , 2018, 24, 10320-10323.	1.7	11
80	The radical acylation of <i>N</i> -arylacrylamides with aliphatic aldehydes using the photolysis of hypervalent iodine(III) reagents. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5412-5415.	1.5	26
81	In situ generation of less accessible Boc-imines from aldehydes: construction of a quaternary carbon by the Mannich reaction or unprecedented aldol reaction. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4527-4530.	1.5	8
82	Practical Synthesis of both Enantiomeric Amino Acid, Mannich, and Aldol Derivatives by Asymmetric Organocatalysis. <i>Chemical Record</i> , 2017, 17, 1059-1069.	2.9	11
83	Alkylsilyl Peroxides as Alkylating Agents in the Copper-Catalyzed Selective Mono- <i>N</i> -Alkylation of Primary Amides and Arylamines. <i>Chemistry - A European Journal</i> , 2017, 23, 9030-9033.	1.7	44
84	Bis(trialkylsilyl) peroxides as alkylating agents in the copper-catalyzed selective mono- <i>N</i> -alkylation of primary amides. <i>Chemical Communications</i> , 2017, 53, 6484-6487.	2.2	26
85	Catalyst-Controlled, Enantioselective, and Diastereodivergent Conjugate Addition of Aldehydes to Electron-Deficient Olefins. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9487-9491.	7.2	36
86	Practical Synthesis of Two Different Pseudoenantiomeric Organocatalysts with <i>cis</i> -Cyclohexanediamine Structure from a Common Chiral Source. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1226-1230.	1.3	1
87	Chiral Tertiary Sulfonium Salts as Effective Catalysts for Asymmetric Base-Free Neutral Phase-Transfer Reactions. <i>Angewandte Chemie</i> , 2017, 129, 4897-4901.	1.6	15
88	Chiral Tertiary Sulfonium Salts as Effective Catalysts for Asymmetric Base-Free Neutral Phase-Transfer Reactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4819-4823.	7.2	39
89	Phase-transfer catalyzed asymmetric synthesis of α,β -unsaturated β,β -disubstituted β -lactams. <i>Chemical Communications</i> , 2017, 53, 4779-4782.	2.2	32
90	Synthesis of Chiral Tritylpyrrolidine Derivatives and Their Application to Asymmetric Benzoyloxylation. <i>Journal of Organic Chemistry</i> , 2017, 82, 12928-12932.	1.7	17

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91	The Direct C-H Difluoromethylation of Heteroarenes Based on the Photolysis of Hypervalent Iodine(III) Reagents That Contain Difluoroacetoxy Ligands. <i>Organic Letters</i> , 2017, 19, 5126-5129.	2.4	106
92	Hypervalent iodine(III) catalyzed radical hydroacylation of chiral alkylidenemalonates with aliphatic aldehydes under photolysis. <i>Tetrahedron</i> , 2017, 73, 5841-5846.	1.0	11
93	Hypervalent Iodine Mediated Chemoselective Iodination of Alkynes. <i>Journal of Organic Chemistry</i> , 2017, 82, 11865-11871.	1.7	25
94	Asymmetric Synthesis of Less Accessible β -Tertiary Amines from Alkynyl Ketimines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16293-16296.	7.2	24
95	Asymmetric Synthesis of Less Accessible β -Tertiary Amines from Alkynyl Ketimines. <i>Angewandte Chemie</i> , 2017, 129, 16511-16514.	1.6	4
96	Catalyst-Controlled, Enantioselective, and Diastereodivergent Conjugate Addition of Aldehydes to Electron-Deficient Olefins. <i>Angewandte Chemie</i> , 2017, 129, 9615-9619.	1.6	25
97	In situ generation of N-Boc-protected alkenyl imines: controlling the E/Z geometry of alkenyl moieties in the Mukaiyama-Mannich reaction. <i>Chemical Communications</i> , 2017, 53, 8203-8206.	2.2	13
98	Hydrogen-bonding catalysis of sulfonium salts. <i>Chemical Communications</i> , 2017, 53, 119-122.	2.2	40
99	The Design of Environmentally-Benign, High-Performance Organocatalysts for Asymmetric Catalysis. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2017, 75, 1141-1149.	0.0	0
100	Upward Trajectory. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1115-1116.	1.3	0
101	Hydrogen-Bonding Catalysis of Tetraalkylammonium Salts in an Aza-Diels-Alder Reaction. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2126-2129.	1.7	30
102	A Bulky Thiyl Radical Catalyst for the [3+2] Cyclization of N-Tosyl Vinylaziridines and Alkenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8081-8085.	7.2	65
103	Diastereoselective Radical Hydroacylation of Alkylidenemalonates with Aliphatic Aldehydes Initiated by Photolysis of Hypervalent Iodine(III) Reagents. <i>Chemistry - A European Journal</i> , 2016, 22, 6552-6555.	1.7	38
104	[2 + 2] Photocycloadditions between the Carbon-Nitrogen Double Bonds of Imines and Carbon-Carbon Double Bonds. <i>Organic Letters</i> , 2016, 18, 6252-6255.	2.4	53
105	N-Boc-aminals as easily accessible precursors for less accessible N-Boc-imines: facile synthesis of optically active propargylamine derivatives using Mannich-type reactions. <i>Tetrahedron</i> , 2016, 72, 3687-3700.	1.0	25
106	Catalytic asymmetric synthesis of axially chiral 2-amino-1,1'-biaryl compounds by phase-transfer-catalyzed kinetic resolution and desymmetrization. <i>Tetrahedron</i> , 2016, 72, 5163-5171.	1.0	31
107	A Chiral Electrophilic Selenium Catalyst for Highly Enantioselective Oxidative Cyclization. <i>Journal of the American Chemical Society</i> , 2016, 138, 5206-5209.	6.6	104
108	Rate Acceleration of Solid-Liquid Phase-Transfer Catalysis by Rotor-Stator Homogenizer. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2996-2999.	2.1	13

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109	Design of bifunctional quaternary phosphonium salt catalysts for CO ₂ fixation reaction with epoxides under mild conditions. <i>Green Chemistry</i> , 2016, 18, 4611-4615.	4.6	121
110	A Bulky Thiyl Radical Catalyst for the [3+2] Cyclization of <i>N</i> -Tosyl Vinylaziridines and Alkenes. <i>Angewandte Chemie</i> , 2016, 128, 8213-8217.	1.6	17
111	Efficient generation of perfluoroalkyl radicals from sodium perfluoroalkanesulfonates and a hypervalent iodine(III) reagent: mild, metal-free synthesis of perfluoroalkylated organic molecules. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6417-6421.	1.5	46
112	Efficient photolytic C-H bond functionalization of alkylbenzene with hypervalent iodine(III) reagent. <i>Chemical Communications</i> , 2016, 52, 3758-3761.	2.2	43
113	Synthesis of <i>N</i> -Boc-Propargylic and Allylic Amines by Reaction of Organomagnesium Reagents with <i>N</i> -Boc-Amines and Their Oxidation to <i>N</i> -Boc-Ketimines. <i>Organic Letters</i> , 2016, 18, 276-279.	2.4	23
114	Regio- and Stereoselective Conjugate Addition of Aldehydes to <i>N</i> -Tosyl Enones under the Catalysis of a Binaphthyl-Modified Chiral Amine. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8462-8465.	7.2	13
115	Tetraalkylammonium Salts as Hydrogen Bonding Catalysts. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15767-15770.	7.2	82
116	Versatile In Situ Generated <i>N</i> -Boc-Imines: Application to Phase-Transfer-Catalyzed Asymmetric Mannich-Type Reactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8471-8474.	7.2	51
117	Boronic Acid-Catalyzed, Highly Enantioselective Aza-Michael Additions of Hydroxamic Acid to Quinone Imine Ketals. <i>Journal of the American Chemical Society</i> , 2015, 137, 16016-16019.	6.6	33
118	Phase-transfer-catalyzed asymmetric desymmetrizations of cyclopentanones. <i>Organic Chemistry Frontiers</i> , 2015, 2, 336-339.	2.3	12
119	Positive Effect of Water in Asymmetric Direct Aldol Reactions with Primary Amine Organocatalyst: Experimental and Computational Studies. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2112-2116.	1.7	24
120	Regioselectivity switch in chiral amine-catalysed asymmetric addition of aldehydes to reactive enals. <i>Chemical Communications</i> , 2015, 51, 10062-10065.	2.2	18
121	Recent Advances of Catalytic Asymmetric 1,3-Dipolar Cycloadditions. <i>Chemical Reviews</i> , 2015, 115, 5366-5412.	23.0	824
122	Mechanism of Metal-Free C-H Activation of Branched Aldehydes and Acylation of Alkenes Using Hypervalent Iodine Compound: A Theoretical Study. <i>Journal of Organic Chemistry</i> , 2015, 80, 9264-9271.	1.7	34
123	Brønsted acid-catalyzed Mannich reaction through dual activation of aldehydes and <i>N</i> -Boc-imines. <i>Chemical Communications</i> , 2015, 51, 16472-16474.	2.2	24
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