

Keiji Maruoka

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

285
papers

13,851
citations

62
h-index

109
g-index

302
ext. papers

15,417
ext. citations

8.3
avg, IF

7.12
L-index

#	Paper	IF	Citations
285	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	2.4	3
284	Cationic DABCO-Based Catalyst for Site-Selective C _{sp} Alkylation via Photoinduced Hydrogen-Atom Transfer. <i>ACS Catalysis</i> , 2022 , 12, 2045-2051	13.1	2
283	Design of Bifunctional Amino Tf-Amide Organocatalysts and Application in Various Asymmetric Transformations.. <i>Chemical Record</i> , 2022 , e202200004	6.6	
282	Remarkable Effect of tert-Amine Additives in the Asymmetric Direct Michael Reaction of Ketones with β -Arylnitroethenes Catalyzed by an L-Hydroxyproline-Based Amino Tf-Amide Organocatalyst. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 1909-1912	3.2	2
281	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	4.2	4
280	Enantioselective Hydrative para-De aromatization of Sulfonanilides by an Indanol-based Chiral Organiodine Catalyst. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 1638-1642	3	2
279	Synthesis of alkynyl Z-ketimines and their application in amine-catalyzed asymmetric Mannich reactions and conjugate addition. <i>Tetrahedron</i> , 2021 , 91, 132225	2.4	4
278	Cu-Catalyzed α -alkylation of phenol derivatives with alkylsilyl peroxides. <i>Chemical Communications</i> , 2021 , 57, 81-84	5.8	10
277	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	4.5	1
276	Bifunctional amino sulfonamide-catalyzed asymmetric conjugate addition to alkenyl alkynyl ketimines as enone surrogates. <i>Chemical Communications</i> , 2021 , 57, 2808-2811	5.8	5
275	Metal-free approach for hindered amide-bond formation with hypervalent iodine(III) reagents: application to hindered peptide synthesis. <i>Green Chemistry</i> , 2021 , 23, 848-855	10	4
274	Asymmetric β -Hydroxylation of β -Aryl- γ -Lactams with Molecular Oxygen under Phase-Transfer Conditions. <i>Organic Letters</i> , 2021 , 23, 792-796	6.2	5
273	The copper-catalyzed selective monoalkylation of active methylene compounds with alkylsilyl peroxides. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 2658-2662	3.9	6
272	Ni-Catalyzed C(sp)-H alkylation of α -quinolybenzamidates using alkylsilyl peroxides as structurally diverse alkyl sources. <i>Chemical Communications</i> , 2021 , 57, 7942-7945	5.8	3
271	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	6.2	7
270	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	5.1	14
269	In-situ-generation of alkylsilyl peroxides from alkyl hydroperoxides and their subsequent copper-catalyzed functionalization with organosilicon compounds. <i>Tetrahedron Letters</i> , 2021 , 75, 15314 ²		1

268	Synthesis of Functionalized Aliphatic Acid Esters via the Generation of Alkyl Radicals from Silylperoxyacetals. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 2431-2434	4.5	2
267	Highly Selective Monoalkylation of Active Methylene and Related Derivatives using Alkylsilyl Peroxides by a Catalytic CuI-DMAP System. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 2625	3	0
266	-Hydroxybenzimidazole as a structurally modifiable platform for -oxyl radicals for direct C-H functionalization reactions. <i>Chemical Science</i> , 2020 , 11, 5772-5778	9.4	11
265	Design of Bowl-Shaped N-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	16.4	6
264	Practical Synthesis of α -Alkynyl Ketones by Oxidative Alkynylation of Aldehydes with Hypervalent Alkynyliodine Reagents. <i>Chemistry Letters</i> , 2020 , 49, 633-636	1.7	3
263	Organocatalytic Formal (3 + 2) Cycloaddition toward Chiral Pyrrolo[1,2-]indoles via Dynamic Kinetic Resolution of Allene Intermediates. <i>Organic Letters</i> , 2020 , 22, 5439-5445	6.2	18
262	Synthesis of Electron-Deficient Chiral Biphenols and Their Applications in Catalytic Asymmetric Reactions. <i>Journal of Organic Chemistry</i> , 2020 , 85, 10232-10239	4.2	4
261	Hypervalent Iodine-Mediated Diastereoselective α -Acetoxylation of Cyclic Ketones. <i>Frontiers in Chemistry</i> , 2020 , 8, 467	5	3
260	Design of Bowl-Shaped N-Hydroxyimide Derivatives as New Organoradical Catalysts for Site-Selective C(sp ³)-H Bond Functionalization Reactions. <i>Angewandte Chemie</i> , 2020 , 132, 14367-14370	3.6	
259	Brønsted Acid-Catalyzed Intramolecular α -Arylation of Ketones with Phenolic Nucleophiles via Oxy-Allyl Cation Intermediates. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 1907-1911	3.2	9
258	Cu-Catalyzed Generation of Alkyl Radicals from Alkylsilyl Peroxides and Subsequent C(sp)-C(sp) Cross-Coupling with Arylboronic Acids. <i>Journal of Organic Chemistry</i> , 2020 , 85, 3973-3980	4.2	14
257	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 ³ -2032 ²		
256	Practical Synthesis of High-Performance Amino Tf-Amide Organocatalysts for Asymmetric Aldol Reactions. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 206-209	3	4
255	Innentitelbild: Construction of Quaternary Carbon Center by Catalytic Asymmetric Alkylation of 3-Arylpiperidin-2-ones Under Phase-Transfer Conditions (Angew. Chem. 6/2020). <i>Angewandte Chemie</i> , 2020 , 132, 2146-2146	3.6	
254	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	13.1	7
253	Iodine(III)-catalyzed benzylic oxidation by using the (PhIO) _n /Al(NO ₃) ₃ system. <i>Synthetic Communications</i> , 2020 , 50, 539-548	1.7	6
252	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	16.4	3
251	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	3.6	1

250	CuCl-Mediated Oxidative Intramolecular α -Arylation of Ketones with Phenolic Nucleophiles via Oxy-Allyl Cation Intermediates. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 3816-3819	4.5	1
249	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	16.4	26
248	Development of New Radical-mediated Selective Reactions Promoted by Hypervalent Iodine(III) Reagents. <i>Chemical Record</i> , 2020 , 21, 1342	6.6	1
247	Efficient cleavage of tertiary amide bonds radical-polar crossover using a copper(ii) bromide/Selectfluor hybrid system. <i>Chemical Science</i> , 2020 , 11, 12323-12328	9.4	5
246	Construction of chiral β -amine scaffolds amine-catalyzed asymmetric Mannich reactions of alkyl-substituted ketimines. <i>Chemical Science</i> , 2020 , 12, 1445-1450	9.4	9
245	Iron-Catalyzed Radical Cleavage/C-C Bond Formation of Acetal-Derived Alkylsilyl Peroxides. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 573-576	4.5	13
244	Synthesis of Phenylcyclopropane-Based Secondary Amine Catalysts and Their Applications in Enamine Catalysis. <i>Organic Letters</i> , 2019 , 21, 8071-8074	6.2	9
243	Enantioselective Alkynylation of Isatin Derivatives Using a Chiral Phase-Transfer/Transition-Metal Hybrid Catalyst System. <i>ACS Catalysis</i> , 2019 , 9, 2395-2399	13.1	22
242	Asymmetric Synthesis of Chiral 1,4-Enynes through Organocatalytic Alkenylation of Propargyl Alcohols with Trialkenylboroxines. <i>Angewandte Chemie</i> , 2019 , 131, 8990-8993	3.6	4
241	Synthesis of β -Quaternary Aldehydes via a Stereoselective Semi-Pinacol Rearrangement of Optically Active Epoxy Alcohols. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 1390-1393	3	1
240	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	16.4	19
239	Asymmetric Synthesis of β -Amino Acids by Organocatalytic Biomimetic Transamination. <i>Organic Letters</i> , 2019 , 21, 2294-2297	6.2	5
238	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	6.2	20
237	One-Pot Synthesis of Less Accessible N-Boc-Propargylic Amines through BF ₃ -Catalyzed Alkynylation and Allylation Using Boronic Esters. <i>Organic Letters</i> , 2019 , 21, 3214-3217	6.2	12
236	Iodine(III)-Catalyzed Electrophilic Nitration of Phenols via Non-Brønsted Acidic NO Generation. <i>Organic Letters</i> , 2019 , 21, 1315-1319	6.2	17
235	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	2.9	17
234	Scalable Synthesis of a Chiral Selenium β -Acid Catalyst and Its Use in Enantioselective Iminolactonization of α,β -Unsaturated Amides. <i>Synlett</i> , 2019 , 30, 1679-1682	2.2	7
233	Asymmetric Synthesis of Chiral Sulfoximines through the S-Alkylation of Sulfinamides. <i>Angewandte Chemie</i> , 2019 , 131, 17825-17829	3.6	7

232	Asymmetric Synthesis of Chiral Sulfoximines through the S-Alkylation of Sulfinamides. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 17661-17665	16.4	28
231	Efficient Synthesis of Cyclic Sulfoximines from N-Propargylsulfinamides through Sulfur-Carbon Bond Formation. <i>Chemistry - A European Journal</i> , 2019 , 25, 15755-15758	4.8	10
230	Asymmetric Synthesis of Chiral Sulfoximines via the α -Arylation of Sulfinamides. <i>Journal of the American Chemical Society</i> , 2019 , 141, 19263-19268	16.4	34
229	Design of New Amino Tf-Amide Organocatalysts: Environmentally Benign Approach to Asymmetric Aldol Synthesis. <i>Synlett</i> , 2019 , 30, 401-404	2.2	9
228	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	2.4	18
227	Design of Efficient Chiral Bifunctional Phase-Transfer Catalysts Possessing an Amino Functionality for Asymmetric Aminations. <i>ACS Catalysis</i> , 2019 , 9, 78-82	13.1	14
226	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	2.9	13
225	Copper-Catalyzed C(sp)-C(sp) Coupling of Terminal Alkynes with Alkylsilyl Peroxides via a Radical Mechanism. <i>Organic Letters</i> , 2018 , 20, 1400-1403	6.2	27
224	Indanol-Based Chiral Organoiodine Catalysts for Enantioselective Hydrative Dearomatization. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7200-7204	16.4	47
223	Indanol-Based Chiral Organoiodine Catalysts for Enantioselective Hydrative Dearomatization. <i>Angewandte Chemie</i> , 2018 , 130, 7318-7322	3.6	14
222	A Synthetic Route to Sodium α -Aminoalkanesulfonates and Their Application in the Generation of α -Aminoalkyl Radicals for Radical Addition Reactions. <i>Organic Letters</i> , 2018 , 20, 2080-2083	6.2	8
221	Catalyst-controlled diastereoselectivity reversal in the formation of dihydropyrans. <i>Chemical Communications</i> , 2018 , 54, 3496-3499	5.8	7
220	The radical acylarylation of N-arylacrylamides with aliphatic aldehydes using the photolysis of hypervalent iodine(III) reagents. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 5412-5415	3.9	19
219	Alkylative kinetic resolution of vicinal diols under phase-transfer conditions: a chiral ammonium borinate catalysis. <i>Chemical Science</i> , 2018 , 9, 1231-1235	9.4	26
218	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	2.4	2
217	Enantioselective Alkylation of N-Arylhydrazones Derived from β -Keto Esters and Isatin Derivatives through Asymmetric Phase-Transfer Catalysis. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 1780	4.5	4
216	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	3	5
215	Phase-transfer-catalysed asymmetric synthesis of 2,2-disubstituted 1,4-benzoxazin-3-ones. <i>Chemical Communications</i> , 2018 , 54, 7078-7080	5.8	5

214	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	3	22
213	Synthesis of 1-Aminoindenes through Aza-Prins-Type Cyclization. <i>Chemistry - A European Journal</i> , 2018 , 24, 10320-10323	4.8	9
212	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	3.9	6
211	Practical Synthesis of both Enantiomeric Amino Acid, Mannich, and Aldol Derivatives by Asymmetric Organocatalysis. <i>Chemical Record</i> , 2017 , 17, 1059-1069	6.6	10
210	Alkylsilyl Peroxides as Alkylating Agents in the Copper-Catalyzed Selective Mono-N-Alkylation of Primary Amides and Arylamines. <i>Chemistry - A European Journal</i> , 2017 , 23, 9030-9033	4.8	32
209	Bis(trialkylsilyl) peroxides as alkylating agents in the copper-catalyzed selective mono-N-alkylation of primary amides. <i>Chemical Communications</i> , 2017 , 53, 6484-6487	5.8	20
208	Catalyst-Controlled, Enantioselective, and Diastereodivergent Conjugate Addition of Aldehydes to Electron-Deficient Olefins. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9487-9491	16.4	24
207	Practical Synthesis of Two Different Pseudoenantiomeric Organocatalysts with cis-Cyclohexanediamine Structure from a Common Chiral Source. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 1226-1230	3	1
206	Chiral Tertiary Sulfonium Salts as Effective Catalysts for Asymmetric Base-Free Neutral Phase-Transfer Reactions. <i>Angewandte Chemie</i> , 2017 , 129, 4897-4901	3.6	11
205	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	16.4	30
204	Phase-transfer catalyzed asymmetric synthesis of α -unsaturated β -disubstituted γ -lactams. <i>Chemical Communications</i> , 2017 , 53, 4779-4782	5.8	21
203	Synthesis of Chiral Tritylpyrrolidine Derivatives and Their Application to Asymmetric Benzoyloxylation. <i>Journal of Organic Chemistry</i> , 2017 , 82, 12928-12932	4.2	12
202	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	0.2	
201	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	6.2	79
200	Hypervalent iodine(III) catalyzed radical hydroacylation of chiral alkylidenemalonates with aliphatic aldehydes under photolysis. <i>Tetrahedron</i> , 2017 , 73, 5841-5846	2.4	10
199	Hypervalent Iodine Mediated Chemoselective Iodination of Alkynes. <i>Journal of Organic Chemistry</i> , 2017 , 82, 11865-11871	4.2	15
198	Asymmetric Synthesis of Less Accessible β -Tertiary Amines from Alkynyl Z-Ketimines. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16293-16296	16.4	19
197	Asymmetric Synthesis of Less Accessible β -Tertiary Amines from Alkynyl Z-Ketimines. <i>Angewandte Chemie</i> , 2017 , 129, 16511-16514	3.6	3

196	Catalyst-Controlled, Enantioselective, and Diastereodivergent Conjugate Addition of Aldehydes to Electron-Deficient Olefins. <i>Angewandte Chemie</i> , 2017 , 129, 9615-9619	3.6	3
195	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	5.8	11
194	Chiral amine-catalyzed asymmetric conjugate addition of aldehydes to α -phenylselenoenones as formal Z-allylating agents. <i>Chemical Communications</i> , 2017 , 54, 176-179	5.8	5
193	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	10	92
192	A Bulky Thiyl-Radical Catalyst for the [3+2] Cyclization of N-Tosyl Vinylaziridines and Alkenes. <i>Angewandte Chemie</i> , 2016 , 128, 8213-8217	3.6	11
191	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, 6417-21	3.9	41
190	Efficient photolytic C-H bond functionalization of alkylbenzene with hypervalent iodine(iii) reagent. <i>Chemical Communications</i> , 2016 , 52, 3758-61	5.8	35
189	Synthesis of N-Boc-Propargylic and Allylic Amines by Reaction of Organomagnesium Reagents with N-Boc-Aminals and Their Oxidation to N-Boc-Ketimines. <i>Organic Letters</i> , 2016 , 18, 276-9	6.2	19
188	Hydrogen-bonding catalysis of sulfonium salts. <i>Chemical Communications</i> , 2016 , 53, 119-122	5.8	24
187	Hydrogen-Bonding Catalysis of Tetraalkylammonium Salts in an Aza-Diels-Alder Reaction. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2126-9	4.5	17
186	A Bulky Thiyl-Radical Catalyst for the [3+2] Cyclization of N-Tosyl Vinylaziridines and Alkenes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8081-5	16.4	49
185	Diastereoselective Radical Hydroacylation of Alkylidenemalonates with Aliphatic Aldehydes Initiated by Photolysis of Hypervalent Iodine(III) Reagents. <i>Chemistry - A European Journal</i> , 2016 , 22, 6552-5	4.8	32
184	[2 + 2] Photocycloadditions between the Carbon-Nitrogen Double Bonds of Imines and Carbon-Carbon Double Bonds. <i>Organic Letters</i> , 2016 , 18, 6252-6255	6.2	38
183	N-Benzylquininium Chloride 2016 , 1-7		
182	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	3.0	21
181	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	2.4	28
180	A Chiral Electrophilic Selenium Catalyst for Highly Enantioselective Oxidative Cyclization. <i>Journal of the American Chemical Society</i> , 2016 , 138, 5206-9	16.4	69
179	Rate Acceleration of Solid-Liquid Phase-Transfer Catalysis by Rotor-Stator Homogenizer. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 2996-2999	5.6	9

178	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, 2112-6	4.5	17
177	Regioselectivity switch in chiral amine-catalysed asymmetric addition of aldehydes to reactive enals. <i>Chemical Communications</i> , 2015 , 51, 10062-5	5.8	13
176	Recent advances of catalytic asymmetric 1,3-dipolar cycloadditions. <i>Chemical Reviews</i> , 2015 , 115, 5366-4621	16.1	658
175	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, 9264-71	4.2	32
174	Brønsted acid-catalyzed Mannich reaction through dual activation of aldehydes and N-Boc-imines. <i>Chemical Communications</i> , 2015 , 51, 16472-4	5.8	20
173	Regio- and Stereoselective Conjugate Addition of Aldehydes to α -Tosyl Enones under the Catalysis of a Binaphthyl-Modified Chiral Amine. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8462-5	16.4	10
172	Tetraalkylammonium Salts as Hydrogen-Bonding Catalysts. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15767-70	16.4	58
171	Versatile In Situ Generated N-Boc-Imines: Application to Phase-Transfer-Catalyzed Asymmetric Mannich-Type Reactions. <i>Angewandte Chemie</i> , 2015 , 127, 8591-8594	3.6	12
170	Regio- and Stereoselective Conjugate Addition of Aldehydes to α -Tosyl Enones under the Catalysis of a Binaphthyl-Modified Chiral Amine. <i>Angewandte Chemie</i> , 2015 , 127, 8582-8585	3.6	1
169	Versatile In Situ Generated N-Boc-Imines: Application to Phase-Transfer-Catalyzed Asymmetric Mannich-Type Reactions. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8471-4	16.4	44
168	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, 16016-9	16.4	22
167	Phase-transfer-catalyzed asymmetric desymmetrizations of cyclopentanones. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 336-339	5.2	9
166	Catalytic Asymmetric Alkylation of 3-Aryl-Substituted Oxindoles to give 3,3-Disubstituted Oxindoles under Phase-Transfer Conditions. <i>Asian Journal of Organic Chemistry</i> , 2014 , 3, 395-398	3	9
165	A base-free neutral phase-transfer reaction system. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1586-93	4.5	32
164	Catalytic asymmetric synthesis of 3,3'-diaryloxindoles as triarylmethanes with a chiral all-carbon quaternary center: phase-transfer-catalyzed S(N)Ar reaction. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6220-3	16.4	78
163	Amine-catalyzed asymmetric cross-aldol reactions using heterofunctionalized acetaldehydes as nucleophiles. <i>Organic Letters</i> , 2014 , 16, 944-7	6.2	17
162	Remote chirality control based on the organocatalytic asymmetric Mannich reaction of β -thio acetaldehydes. <i>Chemical Communications</i> , 2014 , 50, 942-4	5.8	15
161	An organic thiy radical catalyst for enantioselective cyclization. <i>Nature Chemistry</i> , 2014 , 6, 702-5	17.6	129

160	Metal-free C-H bond activation of branched aldehydes with a hypervalent iodine(III) catalyst under visible-light photolysis: successful trapping with electron-deficient olefins. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11060-4	16.4	93
159	A Practical Approach for the Oxidation of Unactivated Csp ³ H Bonds with o-Nitro(diacetoxyiodo)benzene as an Efficient Hypervalent Iodine(III)-Based Oxidizing Agent. <i>Asian Journal of Organic Chemistry</i> , 2014 , 3, 932-935	3	16
158	Practical approach for asymmetric hydroxyamination of aldehydes with in situ generated nitrosocarbonyl compounds: application to one-pot synthesis of chiral allylamines. <i>Organic Letters</i> , 2014 , 16, 1530-2	6.2	30
157	Asymmetric phase-transfer reactions under base-free neutral conditions. <i>Tetrahedron Letters</i> , 2014 , 55, 3833-3839	2	37
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