Kiyosei Takasu

List of Publications by Year in descending order

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148 papers	3,788 citations	126907 33 h-index	161849 54 g-index
202 all docs	202 docs citations	202 times ranked	3190 citing authors

#	Article	IF	Citations
1	Nonenzymatic Kinetic Resolution of Racemic Alcohols through an â€œInduced Fitâ€•Process. Journal of the American Chemical Society, 1997, 119, 3169-3170.	13.7	278
2	Autoâ€Tandem Catalysis: A Single Catalyst Activating Mechanistically Distinct Reactions in a Single Reactor. Chemistry - A European Journal, 2009, 15, 12168-12179.	3.3	250
3	A Practical Catalytic Method for Preparing Highly Substituted Cyclobutanes and Cyclobutenes. Journal of the American Chemical Society, 2005, 127, 3668-3669.	13.7	146
4	Enhanced Rate and Selectivity by Carboxylate Salt as a Basic Cocatalyst in Chiral N-Heterocyclic Carbene-Catalyzed Asymmetric Acylation of Secondary Alcohols. Journal of the American Chemical Society, 2013, 135, 11485-11488.	13.7	121
5	Auto-Tandem Catalysis in the Synthesis of Substituted Quinolines from Aldimines and Electron-Rich Olefins: Cascade Povarovâ^'Hydrogen-Transfer Reaction. Journal of Organic Chemistry, 2008, 73, 7451-7456.	3.2	118
6	Gold(I)-Catalyzed Polycyclizations of Polyenyne-Type Anilines Based on Hydroamination and Consecutive Hydroarylation Cascade. Journal of Organic Chemistry, 2011, 76, 9068-9080.	3.2	95
7	Rhodacyanine Dyes as Antimalarials. 1. Preliminary Evaluation of Their Activity and Toxicity. Journal of Medicinal Chemistry, 2002, 45, 995-998.	6.4	91
8	Catalytic (2 + 2)-Cycloaddition Reactions of Silyl Enol Ethers. A Convenient and Stereoselective Method for Cyclobutane Ring Formation. Journal of Organic Chemistry, 2004, 69, 517-521.	3.2	82
9	Thiourea-catalyzed asymmetric formal [3+2] cycloaddition of azomethine ylides with nitroolefins. Tetrahedron Letters, 2008, 49, 6910-6913.	1.4	79
10	Helical Nanographenes Embedded with Contiguous Azulene Units. Journal of the American Chemical Society, 2020, 142, 13322-13327.	13.7	78
11	Rapid Assembly of Polycyclic Substances by a Multicomponent Cascade (4 + 2)â^'(2 + 2) Cycloadditions:Â Total Synthesis of the Proposed Structure of Paesslerin A. Journal of the American Chemical Society, 2004, 126, 1352-1353.	13.7	75
12	Hydroxyl Group-Directed Organocatalytic Asymmetric Michael Addition of Î±,Î²-Unsaturated Ketones with Alkenylboronic Acids. Organic Letters, 2009, 11, 2425-2428.	4.6	68
13	Kinetic Resolution of Secondary Alcohols Catalyzed by Chiral Phosphoric Acids. Angewandte Chemie - International Edition, 2013, 52, 10227-10230.	13.8	60
14	Catalytic imino Dielsâ€“Alder reaction by triflic imide and its application to one-pot synthesis from three components. Tetrahedron, 2006, 62, 11900-11907.	1.9	54
15	Catalyst-Controlled Torquoselectivity Switch in the 4Ï€ Ring-Opening Reaction of 2-Amino-2-azetines Giving Î²-Substituted Î±,Î²-Unsaturated Amidines. Journal of the American Chemical Society, 2011, 133, 8470-8473.	13.7	54
16	Convenient Synthesis of Substituted Piperidinones from Î±,Î²-Unsaturated Amides:Â Formal Synthesis of Deplancheine, Tacamonine, and Paroxetine. Journal of Organic Chemistry, 2005, 70, 3957-3962.	3.2	51
17	Synthesis of three classes of rhodacyanine dyes and evaluation of their in vitro and in vivo antimalarial activity. Bioorganic and Medicinal Chemistry, 2006, 14, 8550-8563.	3.0	50
18	Development of a BrÃ¸nsted Acid-Promoted Areneâ€“Ynamide Cyclization toward the Total Syntheses of Marinoquinolines A and C and Aplidiopsamine A. Journal of Organic Chemistry, 2015, 80, 957-964.	3.2	49

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19	Construction of Highly-Functionalized Cyclopentanes from Silyl Enol Ethers and Activated Cyclopropanes by [3+2]â€‰Cycloaddition Catalyzed by Triflic Imide. Advanced Synthesis and Catalysis, 2006, 348, 2376-2380.	4.3	48
20	Prediction and Interpretable Visualization of Retrosynthetic Reactions Using Graph Convolutional Networks. Journal of Chemical Information and Modeling, 2019, 59, 5026-5033.	5.4	48
21	Thieme Chemistry Journal Awardees - Where Are They Now? Triflic Imide Catalyzed Cycloaddition Reactions. Synlett, 2009, 2009, 1905-1914.	1.8	47
22	Chiral sulfur-containing 1,2-disubstituted ferrocenes. Tetrahedron, 1998, 54, 7301-7334.	1.9	44
23	Total Synthesis of (â^')â€Histrionicotoxin through a Stereoselective Radical Translocationâ€“Cyclization Reaction. Angewandte Chemie - International Edition, 2017, 56, 1087-1091.	13.8	44
24	Ï€-Delocalized Î²-carbolinium cations as potential antimalarials. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 1689-1692.	2.2	42
25	Synthesis and Evaluation of β-Carbolinium Cations as New Antimalarial Agents Based on π-Delocalized Lipophilic Cation (DLC) Hypothesis. Chemical and Pharmaceutical Bulletin, 2005, 53, 653-661.	1.3	42
26	Atropisomerism of Î±,Î²â€Unsaturated Amidines: Stereoselective Synthesis by Catalytic Cascade Reaction and Optical Resolution. Chemistry - A European Journal, 2009, 15, 7026-7030.	3.3	42
27	New Stereoselective Entry to Azaspirocyclic Nucleus of Halichlorine and Pinnaic Acids by Radical Translocation/Cyclization Reaction. Organic Letters, 2003, 5, 3017-3020.	4.6	41
28	Cyclobutane ring formation by triflic imide catalyzed [2+2]-cycloaddition of allylsilanes. Tetrahedron Letters, 2006, 47, 6053-6056.	1.4	39
29	Cascade and one-pot processes providing substituted quinolines from aldimines and allylsilanes: auto-tandem catalysis of triflic imide. Tetrahedron Letters, 2007, 48, 4749-4753.	1.4	39
30	Use of a Catalytic Chiral Leaving Group for Asymmetric Substitutions at sp³â€Hybridized Carbon Atoms: Kinetic Resolution of Î²â€Amino Alcohols by pâ€Methoxybenzylation. Angewandte Chemie - International Edition, 2016, 55, 13137-13141.	13.8	38
31	An Arylative Ring Expansion Cascade of Fused Cyclobutenes via Short-Lived Intermediates with Planar Chirality. Journal of the American Chemical Society, 2015, 137, 9579-9582.	13.7	36
32	Total Synthesis of (Â±)-Culmorin and (Â±)-Longiborneol:Â An Efficient Construction of Tricyclo[6.3.0.03,9]undecan-10-one by Intramolecular Double Michael Addition. Journal of Organic Chemistry, 2000, 65, 4112-4119.	3.2	35
33	Facile and Stereoselective Access to Nonracemic Tricyclic Cyclobutanes by Asymmetric Intramolecular Michaelâ^'Aldol Reaction:Â Thermodynamic Equilibrium and Activation by Iodonium Ion. Journal of Organic Chemistry, 2001, 66, 4667-4672.	3.2	34
34	Synthesis and Antimalarial Efficacy of Aza-Fused Rhodacyanines in Vitro and in theP. bergheiMouse Model. Journal of Medicinal Chemistry, 2006, 49, 4795-4798.	6.4	32
35	Organocatalytic Activation of the Leaving Group in the Intramolecular Asymmetric S_N2â€² Reaction. Angewandte Chemie - International Edition, 2015, 54, 8263-8266.	13.8	31
36	Facile Construction of the Tricyclo[5.2.1.01,5]decane Ring System by Intramolecular Double Michael Reaction:Â Highly Stereocontrolled Total Synthesis of (Â±)-8,14-Cedranediol and (Â±)-8,14-Cedranoxide. Journal of Organic Chemistry, 1999, 64, 1259-1264.	3.2	29

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37	Parallel Synthesis of Antimalarial Rhodacyanine Dyes by the Combination of Three Components in One Pot. ACS Combinatorial Science, 2003, 5, 211-214.	3.3	29
38	An auxiliary induced asymmetric synthesis of functionalized cyclobutanes by means of catalytic (2+2)-cycloaddition reaction. Tetrahedron, 2004, 60, 2071-2078.	1.9	29
39	Novel Intramolecular [4 + 1] and [4 + 2] Annulation Reactions Employing Cascade Radical Cyclizations. Journal of Organic Chemistry, 2002, 67, 6001-6007.	3.2	27
40	Total Synthesis of (â^')â€Kopsinine by an Asymmetric Oneâ€Pot [N+2+3] Cyclization. Chemistry - an Asian Journal, 2012, 7, 2196-2198.	3.3	27
41	Stereocontrolled Total Synthesis of (Â±)-Culmorin via the Intramolecular Double Michael Addition. Organic Letters, 1999, 1, 391-394.	4.6	26
42	Roomâ€Temperature, Acidâ€Catalyzed [2+2] Cycloadditions: Suppression of Side Reactions by using a Flow Microreactor System. ChemSusChem, 2012, 5, 270-273.	6.8	26
43	Kinetic Resolution of Secondary Alcohols Catalyzed by Chiral Phosphoric Acids. Angewandte Chemie, 2013, 125, 10417-10420.	2.0	26
44	Catalytic Asymmetric Synthesis of Both Enantiomers of 4â€'Substituted 1,4-Dihydropyridines with the Use of Bifunctional Thiourea-Ammonium Salts Bearing Different Counterions. Molecules, 2010, 15, 8305-8326.	3.8	25
45	Radical Aminomethylation of Imines. Journal of Organic Chemistry, 2014, 79, 8128-8133.	3.2	25
46	Auxiliary induced asymmetric Michael-aldol reaction under kinetic and thermodynamic conditions. Tetrahedron Letters, 2000, 41, 2145-2148.	1.4	24
47	Asymmetric Formal Synthesis of (+)-Catharanthine via Desymmetrization of Isoquinuclidine. Organic Letters, 2019, 21, 3750-3754.	4.6	24
48	Synthesis and Antimalarial Property of Orally Active Phenoxazinium Salts. Journal of Medicinal Chemistry, 2007, 50, 2281-2284.	6.4	22
49	Synthesis of trifunctional thioureas bearing 1,5-disubstituted triazole tether by Ru-catalyzed Huisgen cycloaddition. Tetrahedron Letters, 2010, 51, 2737-2740.	1.4	22
50	Synthesis of medium-sized cyclic Î³-haloketones by radical mediated ring-opening reaction of Lewis acid catalyzed (2+2)-cycloaddition products. Tetrahedron Letters, 2005, 46, 1005-1008.	1.4	21
51	Fluorinated Rhodacyanine (SJL-01) Possessing High Efficacy for Visceral Leishmaniasis (VL). Journal of Medicinal Chemistry, 2010, 53, 368-373.	6.4	21
52	Synthesis of Ï€-Extended Fluoranthenes via a KHMDS-Promoted Anionic-Radical Reaction Cascade. Organic Letters, 2017, 19, 3327-3330.	4.6	21
53	6-endo,6-endo,6-exo Cascade cyclization starting from vinyl radical; construction of a dodecahydrophenanthrene system. Tetrahedron Letters, 1999, 40, 6277-6280.	1.4	20
54	A direct entry to substituted piperidinones from Î±,Î²-unsaturated amides by means of aza double Michael reaction. Tetrahedron Letters, 2003, 44, 7429-7432.	1.4	20

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55	Nâ€Heterocyclic Carbeneâ€Catalyzed Benzoin Strategy for Divergent Synthesis of Cyclitol Derivatives from Alditols. Advanced Synthesis and Catalysis, 2015, 357, 131-147.	4.3	20
56	Desymmetrization of acid anhydride with asymmetric esterification catalyzed by chiral phosphoric acid. Tetrahedron Letters, 2016, 57, 4098-4100.	1.4	20
57	Rapid Assembly of Protoilludane Skeleton through Tandem Catalysis: Total Synthesis of Paesslerin A and Its Structural Revision. Organic Letters, 2019, 21, 3954-3958.	4.6	20
58	Facile and selective formation of a linear-triquinane skeleton by a rationally designed round trip radical reaction. Tetrahedron Letters, 2001, 42, 2157-2160.	1.4	19
59	(2+2) Cycloaddition Reaction of Alkyl Enol Ethers with Acrylates by in Situ Generated Silyl Triflic Imide Catalyst. Chemical and Pharmaceutical Bulletin, 2008, 56, 1205-1206.	1.3	19
60	CompRet: a comprehensive recommendation framework for chemical synthesis planning with algorithmic enumeration. Journal of Cheminformatics, 2020, 12, 52.	6.1	19
61	Enantioselective Total Synthesis of (â^')- and (+)-Petrosin. Organic Letters, 2010, 12, 5196-5199.	4.6	18
62	Palladium-Catalyzed Hydroamidation Reaction of Enones. Synlett, 2004, 2004, 1844-1846.	1.8	17
63	General Entry to Asymmetric One-Pot [N+ 2 +n] Cyclization for the Synthesis of Three- to Seven-Membered Azacycloalkanes. Journal of Organic Chemistry, 2012, 77, 7212-7222.	3.2	17
64	Total Synthesis of (+)-trans-Dihydronarciclasine Utilizing Asymmetric Conjugate Addition. Organic Letters, 2012, 14, 5868-5871.	4.6	17
65	Stereocontrolled Synthesis of Spiro[n.2]alkenes by Ring Contraction of Fusedâ€Cyclobutanols. Chemistry - A European Journal, 2010, 16, 8427-8432.	3.3	16
66	Synthesis of Functionalized Polycyclic Aromatic Compounds via a Formal [2 + 2]-Cycloaddition. Organic Letters, 2014, 16, 1008-1011.	4.6	16
67	Site-selective benzoin-type cyclization of unsymmetrical dialdoses catalyzed by N-heterocyclic carbenes for divergent cyclitol synthesis. Chemical Communications, 2017, 53, 4469-4472.	4.1	16
68	Catalytic multicomponent cycloaddition assembling three different substances to form highly substituted bicyclo[4.2.0]octanes. Tetrahedron Letters, 2008, 49, 4220-4222.	1.4	15
69	Formal (3+3) Cycloaddition of Silyl Enol Ethers Catalyzed by Trifric Imide: Domino Michael Addition-Claisen Condensation Accompanied with Isomerization of Silyl Enol Ethers. Chemical and Pharmaceutical Bulletin, 2011, 59, 1190-1193.	1.3	15
70	Use of a Catalytic Chiral Leaving Group for Asymmetric Substitutions at sp³â€Hybridized Carbon Atoms: Kinetic Resolution of Î²â€Amino Alcohols by pâ€Methoxybenzylation. Angewandte Chemie, 2016, 128, 13331-13335.	2.0	15
71	AI-Driven Synthetic Route Design Incorporated with Retrosynthesis Knowledge. Journal of Chemical Information and Modeling, 2022, 62, 1357-1367.	5.4	15
72	Chiral recognition of amino acid derivatives by 1,1â€²-binaphthalene-8,8â€²-diol. Tetrahedron Letters, 1996, 37, 4153-4156.	1.4	14

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73	Chiral amineâ€“silyl triflate complex mediated asymmetric intramolecular Michaelâ€“aldol reaction via a novel enantioselective enol silylation process. Chemical Communications, 2000, , 1739-1740.	4.1	14
74	Auto-tandem catalysis: facile synthesis of substituted alkylidenecyclohexanones by domino (4+2) cycloadditionâ€“elimination reaction. Chemical Communications, 2010, 46, 8246.	4.1	14
75	Critical profiles of chiral diether-mediated asymmetric conjugate aminolithiation of enoate with lithium amide as a key to the total synthesis of (â^')-kopsinine. Tetrahedron, 2013, 69, 3264-3273.	1.9	14
76	Stereocontrolled total synthesis and biological evaluation of (â^')- and (+)-petrosin and its derivatives. Tetrahedron, 2014, 70, 8129-8141.	1.9	14
77	Asymmetric Total Synthesis of Tylophorine through a Formal [2+2] Cycloaddition Followed by Migrative Ring Opening of a Cyclobutane. Synthesis, 2015, 47, 2819-2825.	2.3	14
78	Synthesis of Functionalized Mediumâ€Sized transâ€Cycloalkenes by 4Ï€ Electrocyclic Ring Opening/Alkylation Sequence. Angewandte Chemie - International Edition, 2019, 58, 11836-11840.	13.8	14
79	Facile isomerization of silyl enol ethers catalyzed by triflic imide and its application to one-pot isomerizationâ€“(2 + 2) cycloaddition. Beilstein Journal of Organic Chemistry, 2012, 8, 658-661.	2.2	13
80	Oxa- and Azacycle Formation via Migrative Cyclization of Sulfonylalkynol and Sulfonylalkynamide with N-Heterocyclic Carbene. Journal of Organic Chemistry, 2016, 81, 2652-2664.	3.2	13
81	Antileishmanial Activities of Rhodacyanine Dyes. Heterocycles, 2004, 64, 215.	0.7	13
82	Unusual Regioselective Intramolecular Dielsâ^'Alder Reaction Forming Tricyclo[4.3.1.03,7]decane System. Journal of Organic Chemistry, 2002, 67, 2881-2884.	3.2	12
83	Asymmetric Synthesis of 4-Substituted 2,6-Dioxopiperidine-3-carbonitrile by Using Thiourea-Catalyzed Asymmetric Michael Addition. Heterocycles, 2009, 79, 573.	0.7	12
84	Ï€-Delocalized Lipophilic Cations as New Candidates for Antimalarial, Antitrypanosomal and Antileishmanial Agents: Synthesis, Evaluation of Antiprotozoal Potency, and Insight into Their Action Mechanisms. Chemical and Pharmaceutical Bulletin, 2016, 64, 656-667.	1.3	12
85	Synthesis and Properties of Tribenzocarbazoles via an Acid-Promoted Retro (2+2)-Cycloaddition of Azapropellanes. Journal of Organic Chemistry, 2018, 83, 7994-8002.	3.2	12
86	Polyaza macrocycles containing the piperazine ring as a semi-flexible moiety. Tetrahedron Letters, 1996, 37, 7111-7114.	1.4	11
87	Asymmetric synthesis of tricyclic-cyclobutane by means of enantioselective deprotonation and intramolecular Michaelâ€“aldol reaction. Tetrahedron Letters, 2001, 42, 8489-8491.	1.4	11
88	Triflic Imide Catalyzed [3+2] Cycloaddition of Aldimines with Î±,Î±-Dimethylallylsilane. Heterocycles, 2009, 77, 187.	0.7	11
89	Organocatalytic Activation of the Leaving Group in the Intramolecular Asymmetric S_N2â€² Reaction. Angewandte Chemie, 2015, 127, 8381-8384.	2.0	11
90	Synthesis of Polycyclic Spirocarbocycles via Acid-Promoted Ring-Contraction/Dearomative Ring-Closure Cascade of Oxapropellanes. Organic Letters, 2019, 21, 7563-7567.	4.6	11

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91	Synthesis of a Novel Artemisinin Analogue Having Potent Antimalarial Activity. Heterocycles, 2001, 54, 607.	0.7	11
92	5-exo,5-exo Cascade Cyclizations of Halo-Olefins by Environmentally Friendly Reaction Using Indirect Electrolysis. Heterocycles, 1999, 51, 733.	0.7	11
93	Total Synthesis of (Â±)-Lepadiformine A via Radical Translocation-Cyclization Reaction. Synlett, 2010, 2010, 822-826.	1.8	10
94	Selective accumulation of rhodacyanine in plasmodial mitochondria is related to the growth inhibition of malaria parasites. Chemical Science, 2010, 1, 206.	7.4	10
95	Selective Synthesis of Polysubstituted Dihydroquinolines and Î±,Î²-Unsaturated Amidines by a Catalytic Reaction of Ynamides with Ketimines. Synthesis, 2013, 45, 2328-2336.	2.3	10
96	Synthetic studies toward penitrem E: enantiocontrolled construction of Bâ€“E rings. Chemical Communications, 2015, 51, 1070-1073.	4.1	10
97	Syntheses and Biological Activities of Structurally Stiff Rhodacyanines as Novel Antimalarial Candidates. Heterocycles, 2005, 66, 161.	0.7	10
98	Enhanced Molecular Recognition through Substrateâ€“Additive Complex Formation in N-Heterocyclic-Carbene-Catalyzed Kinetic Resolution of Î±-Hydroxythioamides. ACS Catalysis, 2022, 12, 6100-6107.	11.2	10
99	pH-sensitive DNA cleaving agents: in situ activation by ring contraction of benzo-fused cyclobutanols. Chemical Communications, 2013, 49, 2622.	4.1	9
100	Striking Difference between Succinimidomethyl and Phthalimidomethyl Radicals in Conjugate Addition to Alkylidenemalonate Initiated by Dimethylzinc. Journal of Organic Chemistry, 2016, 81, 3809-3817.	3.2	9
101	Total Synthesis of (â¯)â€Histrionicotoxin through a Stereoselective Radical Translocationâ€“Cyclization Reaction. Angewandte Chemie, 2017, 129, 1107-1111.	2.0	9
102	Total Syntheses of Allelopathic 4-Oxyprotoilludanes, Melleolides, and Echinocidins. Journal of Organic Chemistry, 2019, 84, 11014-11024.	3.2	9
103	Cascade and Multicomponent Reactions towards Rapid Synthesis of Highly Functionalized Cyclobutanes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2008, 66, 554-563.	0.1	9
104	Novel Intramolecular (4 + 1) and (4 + 2) Annulations of Halopolyenes by Cascade Radical Reaction. Organic Letters, 2000, 2, 3579-3581.	4.6	8
105	BrÃ¸nsted Acid-Thiourea Co-catalysis: Asymmetric Synthesis of FunctionÂalized 1,4-Dihydropyridines from Î²-Enamino Esters and Î±,Î²-Unsaturated ÂAldehydes. Synlett, 2010, 2010, 1865-1869.	1.8	8
106	Hydrostannylationâ€“Crossâ€Coupling Strategy for the Stereoselective Synthesis of Alkylidenemalonates and Related Î±,Î²â€Unsaturated Esters. European Journal of Organic Chemistry, 2015, 2015, 1264-1272.	2.4	8
107	Synthesis of Multisubstituted Silyloxyâ€based Donorâ€Acceptor Cyclobutanes by an Acidâ€Catalyzed [2+2] Cycloaddition. Israel Journal of Chemistry, 2016, 56, 488-498.	2.3	8
108	Synthesis of multi-substituted cyclobutenes: Cyclic strategy for [2 + 2] cycloaddition of ketene silyl acetals with propiolates. Tetrahedron Letters, 2017, 58, 2944-2947.	1.4	8

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109	Optical resolution via catalytic generation of chiral auxiliary. Tetrahedron Letters, 2019, 60, 175-177.	1.4	8
110	Phosphine-Promoted Migrative Cyclization of Sulfonylalkynol and Sulfonylalkynamide for the Synthesis of Oxa- and Azacycles. Heterocycles, 2017, 95, 314.	0.7	8
111	Equilibration of the [2+2] Cycloaddition of Silyl Enol Ethers Catalyzed by Ethylaluminium Dichloride: Diastereoselectivity Switch in the Synthesis of Fused Cyclobutanes. Asian Journal of Organic Chemistry, 2014, 3, 706-710.	2.7	7
112	Synthesis of steroidal derivatives bearing a small ring using a catalytic [2+2] cycloaddition and a ring-contraction rearrangement. Tetrahedron, 2015, 71, 233-244.	1.9	7
113	Mechanistic Support for Intramolecular Migrative Cyclization of Propargyl Sulfones Provided by Catalytic Asymmetric Induction with a Chiral Counter Cation Strategy. Asian Journal of Organic Chemistry, 2021, 10, 1828-1834.	2.7	7
114	2-(Chlorodiisopropylsilyl)-6-(trimethylsilyl)phenyl triflate: a modified platform for intramolecular benzyne cycloadditions. Chemical Communications, 2021, 57, 11863-11866.	4.1	7
115	Palladium-Mediated Ring Closure Reactions. Facile Syntheses of Enantiopure Bicyclic and Tricyclic Alkenones. Tetrahedron, 2000, 56, 7389-7398.	1.9	6
116	Synthesis and Properties of Chiral Thioureas Bearing an Additional Function at a Remote Position Tethered by a 1,5-Disubstituted Triazole. Molecules, 2010, 15, 8327-8348.	3.8	6
117	Synthesis of 2,3,4,5-tetra-substituted pyrroles via a base-promoted double Michael reaction of oxime-enoates with nitroolefins. Tetrahedron Letters, 2013, 54, 4073-4075.	1.4	6
118	Contiguous radical pivaloyloxymethylationâ€“directed C(sp 3)â€“H iodination of N -tosyl cycloalkanecarbaldimine. Tetrahedron Letters, 2015, 56, 3086-3089.	1.4	5
119	Synthesis of Functionalized Mediumâ€Sized transâ€Cycloalkenes by 4Ïâ€ Electrocyclic Ring Opening/Alkylation Sequence. Angewandte Chemie, 2019, 131, 11962-11966.	2.0	5
120	Total Synthesis of (â^')-Sigillin A: A Polychlorinated and Polyoxygenated Natural Product. Organic Letters, 2020, 22, 7721-7724.	4.6	5
121	Unprecedented Synthesis of N,N-Divinylamines by Tf2NH-Catalyzed Reaction of Ynamide with Ketimine. Heterocycles, 2010, 82, 1133.	0.7	5
122	Facile synthesis of optically active cis-2,5-diphenyl-1,4-diazabicyclo[2.2.2]octane. Tetrahedron: Asymmetry, 1996, 7, 1749-1751.	1.8	4
123	Synthesis and biological evaluation of steroidal derivatives bearing a small ring as vitamin D receptor agonists. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3408-3411.	2.2	4
124	Synthesis of Azaheterocycles and Related Molecules by Tf2NH-Catalyzed Cycloadditions. Heterocycles, 2018, 96, 195.	0.7	4
125	Catalytic Substrateâ€Selective Silylation of Primary Alcohols via Remote Functionalâ€Group Discrimination. Angewandte Chemie - International Edition, 2021, , .	13.8	4
126	Conformation of 1,4-Dineopentyl-2,5-cis-diphenylpiperazine and Its Diammonium Salts: Remarkable Change in Conformation Depending upon the Counter Anion.. Chemical and Pharmaceutical Bulletin, 2001, 49, 655-656.	1.3	3

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127	Total Synthesis of Phenanthroquinolizidine Alkaloid Cryptopleurine and Phenanthroindolizidine Alkaloid Tylophorine. Heterocycles, 2018, 97, 292.	0.7	3
128	Asymmetric Substitution Reactions Catalyzed by a Chiral Phosphoric Acid. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2018, 76, 325-335.	0.1	3
129	Propylparaben: Physical Characteristics. Profiles of Drug Substances, Excipients and Related Methodology, 2003, 30, 235-269.	8.0	2
130	Study of Ring-Opening Reaction of Spiro[5.2]octenes with Aqueous HydroÂhalic Acid: Substituent Effect on the Regioselectivity. Synlett, 2012, 24, 120-124.	1.8	2
131	Silyl enol etherification by a Tf2NH/amine co-catalytic system for minimizing hazardous waste generation. Reaction Chemistry and Engineering, 2018, 3, 626-630.	3.7	2
132	The rationale for stereoinduction in conjugate addition to alkylidenemalonates bearing a menthol-derived chiral auxiliary. Tetrahedron, 2021, 91, 132220.	1.9	2
133	Auto-tandem Catalysis of Triflic Imide in Organic Synthesis. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2014, 72, 770-780.	0.1	2
134	Conformational Difference between Mono- and Diprotonated cis-2,5-Diphenylpiperazinium Salts in the Solid State.. Chemical and Pharmaceutical Bulletin, 2000, 48, 2014-2016.	1.3	1
135	Oxidative Î²-Cleavage of Fused Cyclobutanols Leading to Hydrofuran-Fused Polycyclic Aromatic Compounds. Journal of Organic Chemistry, 2021, 86, 12615-12622.	3.2	1
136	Lewis Acid-Catalyzed Diastereoselective Domino Reaction of Ene-Ynamide with Trimethylsilyl Cyanide to Construct Spiroindolines. Organic Letters, 2022, 24, 4389-4393.	4.6	1
137	Novel Intramolecular [4 + 1] and [4 + 2] Annulation Reactions Employing Cascade Radical Cyclizations.. ChemInform, 2003, 34, no.	0.0	0
138	Parallel Synthesis of Antimalarial Rhodacyanine Dyes by the Combination of Three Components in One Pot.. ChemInform, 2003, 34, no.	0.0	0
139	A Direct Entry to Substituted Piperidinones from Î±,Î²-Unsaturated Amides by Means of Aza Double Michael Reaction.. ChemInform, 2004, 35, no.	0.0	0
140	An Auxiliary Induced Asymmetric Synthesis of Functionalized Cyclobutanes by Means of Catalytic [2 + 2]-Cycloaddition Reaction.. ChemInform, 2004, 35, no.	0.0	0
141	Catalytic [2 + 2]-Cycloaddition Reactions of Silyl Enol Ethers. A Convenient and Stereoselective Method for Cyclobutane Ring Formation.. ChemInform, 2004, 35, no.	0.0	0
142	Palladium-Catalyzed Hydroamidation Reaction of Enones.. ChemInform, 2005, 36, no.	0.0	0
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