

# Takashi Ooi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8297480/publications.pdf>

Version: 2024-02-01

280  
papers

14,991  
citations

15504

65  
h-index

25787

108  
g-index

401  
all docs

401  
docs citations

401  
times ranked

7452  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen-Atom-Transfer-Mediated Acceptorless Dehydrogenative Cross-Coupling Enabled by Multiple Catalytic Functions of Zwitterionic Triazolium Amidate. <i>ACS Catalysis</i> , 2022, 12, 1971-1976.	11.2	21
2	Thioamidate Ion as Effective Cocatalyst for Photoinduced C-H Alkylation via Multisite Proton-coupled Electron Transfer. <i>Chemistry Letters</i> , 2022, 51, 445-447.	1.3	1
3	Hydrogen-Atom Transfer Catalysis for C-H Alkylation of Benzylic Fluorides. <i>Organic Letters</i> , 2022, 24, 3134-3137.	4.6	4
4	Mannich-type allylic C-H functionalization of enol silyl ethers under photoredox-thiol hybrid catalysis. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 141-145.	2.8	14
5	Catalytic asymmetric synthesis of 5-membered alicyclic $\beta$ -quaternary $\beta^2$ -amino acids via [3 + 2]-photocycloaddition of $\beta$ -substituted acrylates. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1744-1747.	2.8	22
6	Synthesis and enantioseparation of chiral Au <sub>13</sub> nanoclusters protected by bis-N-heterocyclic carbene ligands. <i>Chemical Science</i> , 2021, 12, 10436-10440.	7.4	51
7	Hybrid Catalysis of 8-Quinolinecarboxaldehyde and Brønsted Acid for Efficient Racemization of $\beta$ -Amino Amides and Its Application in Chemoenzymatic Dynamic Kinetic Resolution. <i>Heterocycles</i> , 2021, 103, 218.	0.7	1
8	Exploiting Transient Radical Cations as Brønsted Acids for Allylic C-H Heteroarylation of Enol Silyl Ethers. <i>Chemistry - A European Journal</i> , 2021, 27, 9253-9256.	3.3	16
9	Catalytic Asymmetric Cyanoalkylation of Electron-Deficient Olefins with Potassium Cyanide and Alkyl Halides. <i>Journal of the American Chemical Society</i> , 2021, 143, 11218-11224.	13.7	11
10	o-Quinone methide with overcrowded olefinic core as a catalytically-active surrogate of triarylmethyl cation for dehydridative oxidation of benzylic alcohols under aerobic photoirradiation conditions. <i>Tetrahedron</i> , 2021, , 132459.	1.9	0
11	o-Quinone methide with overcrowded olefin component as a dehydridation catalyst under aerobic photoirradiation conditions. <i>Chemical Science</i> , 2021, 12, 2778-2783.	7.4	1
12	Catalytic Asymmetric Strecker Reaction of Ketoimines with Potassium Cyanide. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 3237-3240.	2.7	2
13	2021 Nobel Laureates Recognized in Organocatalysis. <i>ACS Catalysis</i> , 2021, 11, 15234-15234.	11.2	13
14	Unveiling Latent Photoreactivity of Imines. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3665-3670.	13.8	19
15	Zwitterionic 1,2,3-Triazolium Amidate as a Catalyst for Photoinduced Hydrogen-Atom Transfer Radical Alkylation. <i>ACS Catalysis</i> , 2020, 10, 2627-2632.	11.2	53
16	Redox-regulated divergence in photocatalytic addition of $\beta$ -nitro alkyl radicals to styrenes. <i>Chemical Communications</i> , 2020, 56, 11014-11017.	4.1	12
17	Urea as a Redox-Active Directing Group under Asymmetric Photocatalysis of Iridium-Chiral Borate Ion Pairs. <i>Journal of the American Chemical Society</i> , 2020, 142, 19462-19467.	13.7	57
18	Excellence versus Diversity? Not an Either/Or Choice. <i>ACS Catalysis</i> , 2020, 10, 7310-7311.	11.2	4

#	ARTICLE	IF	CITATIONS
19	Exploiting single-electron transfer in Lewis pairs for catalytic bond-forming reactions. <i>Chemical Science</i> , 2020, 11, 4305-4311.	7.4	52
20	A Structurally Robust Chiral Borate Ion: Molecular Design, Synthesis, and Asymmetric Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11456-11461.	13.8	18
21	A Structurally Robust Chiral Borate Ion: Molecular Design, Synthesis, and Asymmetric Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 11553-11558.	2.0	2
22	Ion-paired Ligands for Palladium-catalyzed Allylic Alkylation under Base-free Conditions. <i>Chemistry Letters</i> , 2020, 49, 1114-1116.	1.3	1
23	Non-Enzymatic Hybrid Catalysis for Stereoconversion of <i>l</i> -Amino Acid Derivatives to <i>d</i> -Isomers. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 561-565.	2.7	7
24	Unveiling Latent Photoreactivity of Imines. <i>Angewandte Chemie</i> , 2020, 132, 3694-3699.	2.0	1
25	Formal Hydroformylation of $\alpha,\beta$ -Unsaturated Carboxylic Acids under Photoexcited Ketone Catalysis. <i>Chemistry Letters</i> , 2019, 48, 715-717.	1.3	9
26	Cationic Organic Catalysts or Ligands in Concert with Metal Catalysts. <i>Topics in Current Chemistry</i> , 2019, 377, 31.	5.8	21
27	Direct allylic C-H alkylation of enol silyl ethers enabled by photoredox-Bronsted base hybrid catalysis. <i>Nature Communications</i> , 2019, 10, 2706.	12.8	51
28	Photocatalytic borylcyclopropanation of $\alpha$ -boryl styrenes. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1734-1737.	4.5	20
29	Inserting Nitrogen: An Effective Concept To Create Nonplanar and Stimuli-Responsive Perylene Bisimide Analogues. <i>Journal of the American Chemical Society</i> , 2019, 141, 19807-19816.	13.7	40
30	Allenedicarboxylate as a Stereochemically Labile Electrophile for Chiral Organic Base-catalyzed Stereoselective Michael Addition. <i>Chemistry Letters</i> , 2018, 47, 594-597.	1.3	15
31	Catalyst-Directed Guidance of Sulfur-Substituted Enediolates to Stereoselective Carbon-Carbon Bond Formation with Aldehydes. <i>Journal of the American Chemical Society</i> , 2018, 140, 5110-5117.	13.7	25
32	Titelbild: Catalyst-Enabled Site-Divergent Stereoselective Michael Reactions: Overriding Intrinsic Reactivity of Enynyl Carbonyl Acceptors ( <i>Angew. Chem.</i> 17/2018). <i>Angewandte Chemie</i> , 2018, 130, 4519-4519.	2.0	0
33	Catalyst-Enabled Site-Divergent Stereoselective Michael Reactions: Overriding Intrinsic Reactivity of Enynyl Carbonyl Acceptors. <i>Angewandte Chemie</i> , 2018, 130, 4822-4826.	2.0	16
34	Molecular Design, Synthesis, and Asymmetric Catalysis of a Hexacoordinated Chiral Phosphate Ion. <i>Journal of the American Chemical Society</i> , 2018, 140, 2765-2768.	13.7	20
35	Catalyst-Enabled Site-Divergent Stereoselective Michael Reactions: Overriding Intrinsic Reactivity of Enynyl Carbonyl Acceptors. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4732-4736.	13.8	44
36	Chemistry of Ammonium Betaines: Application to Ion-Pair Catalysis for Selective Organic Transformations. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2018, 76, 1144-1153.	0.1	8

#	ARTICLE	IF	CITATIONS
37	A femtomolar-range suicide germination stimulant for the parasitic plant <i>Striga hermonthica</i> . <i>Science</i> , 2018, 362, 1301-1305.	12.6	101
38	Protonated Bis-1,2,3-triazole as an Anion-Binding Chiral Brønsted Acid for Catalytic Asymmetric Friedel-Crafts Reaction of Indoles with Imines. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 1252-1257.	3.2	6
39	In Situ Electrophilic Activation of Hydrogen Peroxide for Catalytic Asymmetric $\alpha$ -Hydroxylation of 3-Substituted Oxindoles. <i>Synlett</i> , 2017, 28, 1291-1294.	1.8	25
40	Unique site-selectivity control in asymmetric Michael addition of azlactone to alkenyl dienyl ketones enabled by P-spiro chiral iminophosphorane catalysis. <i>Chemical Communications</i> , 2017, 53, 5495-5498.	4.1	26
41	[5.5]-P-Spirocyclic Chiral Triaminoiminophosphorane-Catalyzed Asymmetric Hydrophosphonylation of Aldehydes and Ynones. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 546-555.	3.2	16
42	Determination of the absolute configuration of compounds bearing chiral quaternary carbon centers using the crystalline sponge method. <i>Chemical Science</i> , 2017, 8, 5132-5136.	7.4	40
43	N-Sulfonyl $\alpha$ -imino ester-derived chiral oxaziridines: catalytic asymmetric synthesis and application as a modular chiral organic oxidant. <i>Chemical Communications</i> , 2017, 53, 6999-7002.	4.1	31
44	Acridinium Betaine as a Single-Electron-Transfer Catalyst: Design and Application to Dimerization of Oxindoles. <i>ACS Catalysis</i> , 2017, 7, 2765-2769.	11.2	41
45	Complete diastereodivergence in asymmetric 1,6-addition reactions enabled by minimal modification of a chiral catalyst. <i>Nature Communications</i> , 2017, 8, 14793.	12.8	79
46	Origin of High Regio-, Diastereo-, and Enantioselectivities in 1,6-Addition of Azlactones to Dienyl N-Acylpyrroles: A Computational Study. <i>Journal of Organic Chemistry</i> , 2017, 82, 541-548.	3.2	18
47	Diastereo- and enantioselective phase-transfer alkylation of 3-substituted oxindoles with racemic secondary alkyl halides. <i>Chemical Communications</i> , 2017, 53, 13113-13116.	4.1	21
48	Photoredox ketone catalysis for the direct C-H imidation and acyloxylation of arenes. <i>Chemical Science</i> , 2017, 8, 5622-5627.	7.4	58
49	Stereoselective Aza-Henry Reaction of 3-Nitro-dihydro-2(1H)-quinolones with N-Boc-Aldimines under the Catalysis of Chiral Ammonium Betaines. <i>Heterocycles</i> , 2017, 94, 441.	0.7	6
50	Chiral ammonium betaine-catalyzed asymmetric Mannich-type reaction of oxindoles. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 2099-2103.	2.2	13
51	ACS Catalysis and the Scope of Papers Sought in Three Catalysis Subdisciplines: Biocatalysis and Enzymology, Molecular Catalysis for Organic Synthesis, and Heterogeneous Photocatalysis. <i>ACS Catalysis</i> , 2016, 6, 4782-4785.	11.2	9
52	Anion-Stoichiometry-Dependent Selectivity Enhancement in Ion-Paired Chiral Ligand-Palladium Complex Catalyzed Enantioselective Allylic Alkylation. <i>Synlett</i> , 2016, 27, 1047-1050.	1.8	13
53	Independence from the Sequence of Single-Electron Transfer of Photoredox Process in Redox-Neutral Asymmetric Bond-Forming Reaction. <i>Journal of Organic Chemistry</i> , 2016, 81, 6953-6958.	3.2	63
54	A Modular Strategy for the Direct Catalytic Asymmetric $\alpha$ -Amination of Carbonyl Compounds. <i>CheM</i> , 2016, 1, 802-810.	11.7	60

#	ARTICLE	IF	CITATIONS
55	Multiple Absolute Stereocontrol in Pd-Catalyzed [3+2] Cycloaddition of Oxazolidinones and Trisubstituted Alkenes Using Chiral Ammonium-Phosphine Hybrid Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 649-656.	3.2	12
56	Palladium-catalyzed Branch-selective Decarboxylative Allylation Using Ion-paired Ligands. <i>Chemistry Letters</i> , 2016, 45, 552-554.	1.3	2
57	Development of an X-ray tube for irradiation experiments using a field emission electron gun. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 807, 41-46.	1.6	10
58	Catalytic Asymmetric Cyanation of Alkylideneindolenines Generated from Sulfonylalkylindoles. <i>Chemistry Letters</i> , 2015, 44, 1350-1352.	1.3	11
59	Highly Enantioselective and Enantioselective Michael Addition to Electron-Deficient Internal Alkynes Under Chiral Iminophosphorane Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9954-9957.	13.8	55
60	Vinylgly in nitronates: utilization of $\hat{\pm}$ -aryl conjugated nitroolefins as a nucleophile for a highly stereoselective aza-Henry reaction. <i>Chemical Communications</i> , 2015, 51, 4437-4439.	4.1	18
61	Design of supramolecular chiral ligands for asymmetric metal catalysis. <i>Tetrahedron Letters</i> , 2015, 56, 2043-2048.	1.4	28
62	Enantioselective reductive multicomponent coupling reactions between isatins and aldehydes. <i>Chemical Science</i> , 2015, 6, 6086-6090.	7.4	69
63	Site-Selective Conjugate Addition Through Catalytic Generation of Ion-Pairing Intermediates. <i>Topics in Current Chemistry</i> , 2015, 372, 55-83.	4.0	9
64	Synergistic Catalysis of Ionic Brønsted Acid and Photosensitizer for a Redox Neutral Asymmetric $\hat{\pm}$ -Coupling of <i>N</i> -Arylaminoethanes with Aldimines. <i>Journal of the American Chemical Society</i> , 2015, 137, 13768-13771.	13.7	294
65	Chiral Ammonium Betaine-Catalyzed Highly Stereoselective Aza-Henry Reaction of $\hat{\pm}$ -Aryl Nitromethanes with Aromatic <i>N</i> -Boc Imines. <i>Chemistry - an Asian Journal</i> , 2015, 10, 334-337.	3.3	22
66	Development of Ion-Paired Chiral Ligands for Asymmetric Transition-Metal Catalysis. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2015, 73, 140-150.	0.1	1
67	The Practical Preparation of Chiral <i>N</i> -Sulfonyl Oxaziridines via Catalytic Asymmetric Payne Oxidation. <i>Synthesis</i> , 2014, 46, 871-878.	2.3	8
68	Catalytic asymmetric Payne oxidation under the catalysis of P-spiro chiral triaminoiminophosphorane: application to the synthesis of <i>N</i> -sulfonyl oxaziridines. <i>Tetrahedron</i> , 2014, 70, 1691-1701.	1.9	32
69	Ligand-enabled multiple absolute stereocontrol in metal-catalysed cycloaddition for construction of contiguous all-carbon quaternary stereocentres. <i>Nature Chemistry</i> , 2014, 6, 47-51.	13.6	175
70	Palladium-Catalyzed Asymmetric [3 + 2] Cycloaddition of 5-Vinyloxazolidinones with Imines Using Chiral Ammonium-Phosphine Hybrid Ligand. <i>ACS Catalysis</i> , 2014, 4, 4304-4306.	11.2	67
71	Enantioselective formal $\hat{\pm}$ -allylation of nitroalkanes through a chiral iminophosphorane-catalyzed Michael reaction-Julia-Kocienski olefination sequence. <i>Chemical Communications</i> , 2014, 50, 3491-3493.	4.1	33
72	Ligand-controlled <i>E/Z</i> selectivity and enantioselectivity in palladium-catalyzed allylation of benzofuranones with 1,2-disubstituted allylic carbonates. <i>Chemical Communications</i> , 2014, 50, 4554-4557.	4.1	37

#	ARTICLE	IF	CITATIONS
73	Enantioselective protonation of $\hat{\pm}$ -hetero carboxylic acid-derived ketene disilyl acetals under chiral ionic Brønsted acid catalysis. <i>Chemical Communications</i> , 2014, 50, 13489-13491.	4.1	23
74	In situ generation of ion-paired chiral ligands: rapid identification of the optimal ligand for palladium-catalyzed asymmetric allylation. <i>Chemical Science</i> , 2014, 5, 3645-3650.	7.4	44
75	Asymmetric Alkylation of $\hat{\pm}$ -Cyanosulfones Catalyzed by Chiral 1,2,3-Triazolium Salts. <i>Heterocycles</i> , 2014, 88, 1661.	0.7	3
76	Carbene Transfer from Triazolylidene Gold Complexes as a Potent Strategy for Inducing High Catalytic Activity. <i>Journal of the American Chemical Society</i> , 2013, 135, 13193-13203.	13.7	125
77	Highly stereoselective Michael addition of azlactones to electron-deficient triple bonds under P-spiro chiral iminophosphorane catalysis: importance of protonation pathway. <i>Chemical Science</i> , 2013, 4, 1308.	7.4	77
78	Exploiting the Modularity of Ion-Paired Chiral Ligands for Palladium-Catalyzed Enantioselective Allylation of Benzofuran-2(3 <i>H</i> )-ones. <i>Journal of the American Chemical Society</i> , 2013, 135, 590-593.	13.7	107
79	Catalytic Asymmetric Oxidation of <i>N</i> -Sulfonyl Imines with Hydrogen Peroxide in Trichloroacetonitrile System. <i>Journal of the American Chemical Society</i> , 2013, 135, 8161-8164.	13.7	57
80	Production at the Curie Level of No-Carrier-Added $^{18}\text{F}$ -Fluoro-l-Dopa. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1154-1161.	5.0	66
81	Asymmetric Substitution at the Tetrasubstituted Chiral Carbon: Catalytic Ring-Opening Alkylation of Racemic 2,2-Disubstituted Aziridines with 3-Substituted Oxindoles. <i>Journal of the American Chemical Society</i> , 2013, 135, 18706-18709.	13.7	114
82	Ionic Nucleophilic Catalysis of Chiral Ammonium Betaines for Highly Stereoselective Aldol Reaction from Oxindole-Derived Vinylic Carbonates. <i>Journal of the American Chemical Society</i> , 2012, 134, 6972-6975.	13.7	44
83	Catalytic Asymmetric Ring Openings of Meso and Terminal Aziridines with Halides Mediated by Chiral 1,2,3-Triazolium Silicates. <i>Journal of the American Chemical Society</i> , 2012, 134, 8794-8797.	13.7	88
84	Highly stereoselective catalytic conjugate addition of acyl anion equivalent to nitroolefins. <i>Chemical Science</i> , 2012, 3, 842-845.	7.4	49
85	Highly Regio-, Diastereo-, and Enantioselective 1,6- and 1,8-Additions of Azlactones to Di- and Trienyl <i>N</i> -Acylpyrroles. <i>Journal of the American Chemical Society</i> , 2012, 134, 19370-19373.	13.7	155
86	Ion-paired chiral ligands for asymmetric palladium catalysis. <i>Nature Chemistry</i> , 2012, 4, 473-477.	13.6	156
87	Base-Catalyzed Direct Aldolization of $\hat{\pm}$ -Alkyl $\hat{\pm}$ -Hydroxy Trialkyl Phosphonoacetates. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4685-4689.	13.8	104
88	Nitroolefins as a Nucleophilic Component for Highly Stereoselective Aza Henry Reaction under the Catalysis of Chiral Ammonium Betaines. <i>Chemistry - A European Journal</i> , 2012, 18, 8306-8309.	3.3	32
89	Catalytic asymmetric Mannich-type reactions of $\hat{\pm}$ -cyano $\hat{\pm}$ -sulfonyl carbanions. <i>Chemical Communications</i> , 2012, 48, 7913.	4.1	36
90	Chiral ionic Brønsted acid-achiral Brønsted base synergistic catalysis for asymmetric sulfa-Michael addition to nitroolefins. <i>Chemical Science</i> , 2012, 3, 3161.	7.4	59

#	ARTICLE	IF	CITATIONS
91	Heat and Light Switch a Chiral Catalyst and Its Products. <i>Science</i> , 2011, 331, 1395-1396.	12.6	17
92	Chiral 1,2,3-Triazoliums as New Cationic Organic Catalysts with Anion-Recognition Ability: Application to Asymmetric Alkylation of Oxindoles. <i>Journal of the American Chemical Society</i> , 2011, 133, 1307-1309.	13.7	180
93	Controlled Assembly of Chiral Tetraaminophosphonium Aryloxide Arylhydroxide(s) in Solution. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3681-3683.	13.8	31
94	Enantioselective Aza-Michael Addition to Conjugated Nitroenynes Catalyzed by Chiral Arylaminophosphonium Barfates. <i>Synlett</i> , 2011, 2011, 1265-1267.	1.8	11
95	Phase-Transfer-Catalyzed Asymmetric Alkylation of $\alpha$ -Benzoyloxy- $\beta$ -keto Esters: Stereoselective Construction of Congested 2,3-Dihydroxycarboxylic Acid Esters. <i>Chemistry - an Asian Journal</i> , 2010, 5, 562-570.	3.3	26
96	Performance of C1-symmetric chiral ammonium betaines as catalysts for the enantioselective Mannich-type reaction of $\alpha$ -nitrocarboxylates. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1189-1190.	1.8	44
97	Catalytic Asymmetric Direct Henry Reaction of Ynals: Short Syntheses of (2 <i>S</i> ,3 <i>R</i> )- $\alpha$ -Amino- $\beta$ -keto Esters and $\alpha$ -Amino- $\beta$ -keto Esters. <i>Angewandte Chemie</i> , 2010, 122, 7724-7727.	2.9	33
98	Chiral Ammonium Betaines as Ionic Nucleophilic Catalysts. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5567-5569.	13.8	81
99	Catalytic Asymmetric Direct Henry Reaction of Ynals: Short Syntheses of (2 <i>S</i> ,3 <i>R</i> )- $\alpha$ -Amino- $\beta$ -keto Esters and $\alpha$ -Amino- $\beta$ -keto Esters. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7562-7565.	13.8	110
100	Development of P-Spiro Chiral Aminophosphonium Salts as a New Class of Versatile Organic Molecular Catalyst. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2010, 68, 1185-1194.	0.1	42
101	Catalytic Asymmetric Protonation of $\alpha$ -Amino Acid-Derived Ketene Disilyl Acetals Using P-Spiro Diaminodioxaphosphonium Barfates as Chiral Proton. <i>Journal of the American Chemical Society</i> , 2010, 132, 12240-12242.	13.7	72
102	Catalytic asymmetric hydrophosphonylation of ynones. <i>Chemical Science</i> , 2010, 1, 488.	7.4	62
103	Flexible synthesis, structural determination, and synthetic application of a new C1-symmetric chiral ammonium betaine. <i>Chemical Communications</i> , 2010, 46, 300-302.	4.1	68
104	Chiral Organic Ion Pair Catalysts Assembled Through a Hydrogen-Bonding Network. <i>Science</i> , 2009, 326, 120-123.	12.6	219
105	Asymmetric Synthesis of $\alpha$ , $\beta$ -Disubstituted $\alpha$ -Amino Acids via Enantioselective Alkylation of Azlactones under Biphasic Conditions Using P-Spiro Chiral Tetraaminophosphonium Salts as a Phase-Transfer Catalyst. <i>Synlett</i> , 2009, 2009, 658-660.	1.8	8
106	Phase-Transfer-Catalyzed Enantioselective Alkylation of $\alpha$ -Benzoyloxy- $\beta$ -Keto Ester. <i>Synlett</i> , 2009, 2009, 661-663.	1.8	1
107	Site-Directed Asymmetric Quaternization of a Peptide Backbone at a C-Terminal Azlactone. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 733-737.	13.8	114
108	Inside Cover: Site-Directed Asymmetric Quaternization of a Peptide Backbone at a C-Terminal Azlactone ( <i>Angew. Chem. Int. Ed.</i> 4/2009). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 620-620.	13.8	0

#	ARTICLE	IF	CITATIONS
109	Al Lewis acid-catalyzed regiodivergent 1,2-rearrangement of $\alpha$ -siloxy aldehydes: scope and mechanism. <i>Tetrahedron</i> , 2009, 65, 7516-7522.	1.9	12
110	Thermal cyclotrimerization of tetraphenyl[5]cumulene(tetraphenylhexapentaene) to a tricyclodecadiene derivative. <i>Chemical Communications</i> , 2009, , 574-576.	4.1	20
111	Chiral Arylaminophosphonium Barfates as a New Class of Charged Brønsted Acid for the Enantioselective Activation of Nonionic Lewis Bases. <i>Journal of the American Chemical Society</i> , 2009, 131, 7242-7243.	13.7	112
112	Generation of Chiral Phosphonium Dialkyl Phosphite as a Highly Reactive $P$ -Nucleophile: Application to Asymmetric Hydrophosphonylation of Aldehydes. <i>Journal of the American Chemical Society</i> , 2009, 131, 3836-3837.	13.7	139
113	Diastereo- and Enantioselective Direct Henry Reaction of Pyruvates Mediated by Chiral P-Spiro Tetraaminophosphonium Salts. <i>Chemistry Letters</i> , 2009, 38, 1052-1053.	1.3	28
114	Structure Revision of Aspergillides A and B, Cytotoxic 14-Membered Macrolides from <i>Aspergillus ostianus</i> , by X-ray Crystallography. <i>Chemistry Letters</i> , 2009, 38, 384-384.	1.3	48
115	Complete Switch of Migratory Aptitude in Aluminum-Catalyzed 1,2-Rearrangement of Differently $\alpha$ -Disubstituted $\alpha$ -Siloxy Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5203-5206.	13.8	19
116	New Cytotoxic 14-Membered Macrolides from Marine-Derived Fungus <i>Aspergillus ostianus</i> . <i>Organic Letters</i> , 2008, 10, 225-228.	4.6	129
117	Chiral Tetraaminophosphonium Carboxylate-Catalyzed Direct Mannich-Type Reaction. <i>Journal of the American Chemical Society</i> , 2008, 130, 14088-14089.	13.7	188
118	Chiral Ammonium Betaines: A Bifunctional Organic Base Catalyst for Asymmetric Mannich-Type Reaction of $\alpha$ -Nitrocarboxylates. <i>Journal of the American Chemical Society</i> , 2008, 130, 10878-10879.	13.7	143
119	Isolation of New Aliphatic Sulfates and Sulfamate as the <i>Daphnia</i> Kairomones Inducing Morphological Change of a Phytoplankton <i>Scenedesmus gutwinski</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 133-136.	1.3	26
120	Time-of-Flight LC/MS Identification and Confirmation of a Kairomone in <i>Daphnia magna</i> Cultured Medium. <i>Bulletin of the Chemical Society of Japan</i> , 2008, 81, 298-300.	3.2	7
121	Isolation and Absolute Configuration Determination of Aliphatic Sulfates as the <i>Daphnia</i> Kairomones Inducing Morphological Defense of a Phytoplankton-Part 2. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 129-132.	1.3	20
122	Synthesis of Chiral Tetraaminophosphonium Chlorides from N-Boc $\alpha$ -Amino Acid Esters. <i>Heterocycles</i> , 2008, 76, 1081.	0.7	8
123	Chiral Tetraaminophosphonium Salt-Mediated Asymmetric Direct Henry Reaction. <i>Journal of the American Chemical Society</i> , 2007, 129, 12392-12393.	13.7	208
124	Practical Stereoselective Synthesis of $\beta$ -Branched $\alpha$ -Amino Acids through Efficient Kinetic Resolution in the Phase-Transfer-Catalyzed Asymmetric Alkylations. <i>Organic Letters</i> , 2007, 9, 3945-3948.	4.6	38
125	Catalytic Asymmetric Rearrangement of $\alpha$ -Disubstituted $\alpha$ -Siloxy Aldehydes to Optically Active Acyloins Using Axially Chiral Organoaluminum Lewis Acids. <i>Journal of the American Chemical Society</i> , 2007, 129, 2410-2411.	13.7	70
126	Design of chiral organocatalysts for practical asymmetric synthesis of amino acid derivatives. <i>Chemical Communications</i> , 2007, , 1487-1495.	4.1	92



#	ARTICLE	IF	CITATIONS
127	Recent Advances in Asymmetric Phase-Transfer Catalysis. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 4222-4266.	13.8	732
128	Advantage of in situ generation of N-arylsulfonyl imines from $\hat{\pm}$ -amide sulfones in the phase-transfer-catalyzed asymmetric Strecker reaction. <i>Tetrahedron Letters</i> , 2007, 48, 1337-1340.	1.4	62
129	Asymmetric Strecker Reaction of Aldimines Using Aqueous Potassium Cyanide by Phase-Transfer Catalysis of Chiral Quaternary Ammonium Salts with a Tetranaphthyl Backbone. <i>Journal of the American Chemical Society</i> , 2006, 128, 2548-2549.	13.7	147
130	The Modified Mosher's Method and the Sulfoximine Method. <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 965-980.	3.2	80
131	Isolation and Absolute Configuration Determination of Aliphatic Sulfates as the <i>Daphnia</i> Kairomones Inducing Morphological Defense of a Phytoplankton. <i>Chemical and Pharmaceutical Bulletin</i> , 2006, 54, 271-274.	1.3	26
132	Asymmetric phase-transfer catalysis of homo- and heterochiral quaternary ammonium salts: development and application of conformationally flexible chiral phase-transfer catalysts. <i>Tetrahedron</i> , 2006, 62, 11425-11436.	1.9	31
133	Asymmetric Michael addition of silyl nitronates to cyclic $\hat{\pm}$ , $\hat{2}$ -unsaturated ketones catalyzed by chiral quaternary ammonium bifluorides: isolation and selective functionalization of enol silyl ethers of optically active $\hat{3}$ -nitro ketones. <i>Tetrahedron Letters</i> , 2006, 47, 145-148.	1.4	36
134	Highly enantioselective monoalkylation of p-chlorobenzaldehyde imine of glycine tert-butyl ester under mild phase-transfer conditions. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 603-606.	1.8	27
135	Construction of Enantiomerically Enriched Tertiary $\hat{\pm}$ -Hydroxycarboxylic Acid Derivatives by Phase-Transfer-Catalyzed Asymmetric Alkylation of Diaryloxazolidin-2,4-diones. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3839-3842.	13.8	58
136	Highly Diastereo- and Enantioselective Formal Conjugate Addition of Nitroalkanes to Nitroalkenes by Chiral Ammonium Bifluoride Catalysis. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7606-7608.	13.8	44
137	Phase-Transfer Catalysis. , 2006, , 265-285.		1
138	Asymmetric Synthesis of $\hat{\pm}$ -Acyl- $\hat{3}$ -butyrolactones Possessing All-Carbon Quaternary Stereocenters by Phase-Transfer-Catalyzed Alkylation. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1539-1542.	4.3	33
139	Aliphatic sulfates released from <i>Daphnia</i> induce morphological defense of phytoplankton: isolation and synthesis of kairomones. <i>Tetrahedron Letters</i> , 2005, 46, 4765-4767.	1.4	61
140	Dramatic Rate Enhancement of Asymmetric Phase-Transfer-Catalyzed Alkylations. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 625-628.	13.8	67
141	Highly Enantioselective Conjugate Addition of Nitroalkanes to Alkylidenemalonates Using Efficient Phase-Transfer Catalysis of N-Spiro Chiral Ammonium Bromides.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
142	Organoaluminum-Mediated Selective 1,2-Rearrangement of $\hat{,}$ -Disubstituted $\hat{}$ -Amino $\hat{,}$ -Unsaturated Carbonyl Compounds Leading to Unsymmetrically Substituted Pyrroles.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
143	Meerwein-Ponndorf-Verley Alkynylation of Aldehydes: Essential Modification of Aluminum Alkoxides for Rate Acceleration and Asymmetric Synthesis.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
144	Asymmetric Synthesis of Functionalized Aza-Cyclic Amino Acids with Quaternary Stereocenters by a Phase-Transfer-Catalyzed Alkylation Strategy.. <i>ChemInform</i> , 2005, 36, no.	0.0	0

#	ARTICLE	IF	CITATIONS
145	Dramatic Rate Enhancement of Asymmetric Phase Transfer Catalyzed Alkylations.. ChemInform, 2005, 36, no.	0.0	0
146	Highly Enantioselective Phase-Transfer-Catalyzed Alkylation of Protected $\hat{I}\pm$ -Amino Acid Amides Toward Practical Asymmetric Synthesis of Vicinal Diamines, $\hat{I}\pm$ -Amino Ketones, and $\hat{I}\pm$ -Amino Alcohols.. ChemInform, 2005, 36, no.	0.0	0
147	Highly Enantioselective Phase-Transfer-Catalyzed Alkylation of Protected $\hat{I}\pm$ -Amino Acid Amides Toward Practical Asymmetric Synthesis of Vicinal Diamines, $\hat{I}\pm$ -Amino Ketones, and $\hat{I}\pm$ -Amino Alcohols.. ChemInform, 2005, 36, no.	0.0	0
148	Importance of Chiral Phase-Transfer Catalysts with Dual Functions in Obtaining High Enantioselectivity in the Michael Reaction of Malonates and Chalcone Derivatives.. ChemInform, 2005, 36, no.	0.0	75
149	Chiral Anisotropic Reagents for Determining the Absolute Configuration of Secondary Alcohols and Carboxylic Acids. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2005, 63, 1102-1114.	0.1	13
150	Highly Enantioselective Phase-Transfer-Catalyzed Alkylation of Protected $\hat{I}\pm$ -Amino Acid Amides toward Practical Asymmetric Synthesis of Vicinal Diamines, $\hat{I}\pm$ -Amino Ketones, and $\hat{I}\pm$ -Amino Alcohols. Journal of the American Chemical Society, 2005, 127, 5073-5083.	13.7	65
151	N-Spiro Chiral Quaternary Ammonium Bromide Catalyzed Diastereo- and Enantioselective Conjugate Addition of Nitroalkanes to Cyclic $\hat{I}\pm, \hat{I}^2$ -Unsaturated Ketones under Phase-Transfer Conditions. Organic Letters, 2005, 7, 5143-5146.	4.6	34
152	Asymmetric Synthesis of Functionalized Aza-Cyclic Amino Acids with Quaternary Stereocenters by a Phase-Transfer-Catalyzed Alkylation Strategy. Organic Letters, 2005, 7, 191-193.	4.6	37
153	Importance of Chiral Phase-Transfer Catalysts with Dual Functions in Obtaining High Enantioselectivity in the Michael Reaction of Malonates and Chalcone Derivatives. Organic Letters, 2005, 7, 3195-3197.	4.6	128
154	Asymmetric Catalysis Special Feature Part II: Stereoselective terminal functionalization of small peptides for catalytic asymmetric synthesis of unnatural peptides. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5824-5829.	7.1	38
155	anti-Selective Asymmetric Synthesis of $\hat{I}^2$ -Hydroxy- $\hat{I}\pm$ -amino Acid Esters by their in situ Generated Chiral Quaternary Ammonium Fluoride-Catalyzed Mukaiyama-Type Aldol Reaction. Advanced Synthesis and Catalysis, 2004, 346, 1073-1076.	4.3	15
156	Fluorotetraphenylbismuth: A New Reagent for Efficient Regioselective $\hat{I}\pm$ -Phenylation of Carbonyl Compounds.. ChemInform, 2004, 35, no.	0.0	0
157	Practical Asymmetric Synthesis of Vicinal Diamines Through the Catalytic Highly Enantioselective Alkylation of Glycine Amide Derivatives.. ChemInform, 2004, 35, no.	0.0	0
158	Enantioselective Synthesis of $\hat{I}\pm$ -Amino Acids by Chiral Phase-Transfer Catalysis. ChemInform, 2004, 35, no.	0.0	0
159	(2,7-Disubstituted-1,8-biphenylenedioxy)bis(dimethylaluminum) as Bidentate Organoaluminum Lewis Acids: Elucidation and Synthetic Utility of the Double Electrophilic Activation Phenomenon.. ChemInform, 2004, 35, no.	0.0	0
160	Efficient Asymmetric Catalysis of Chiral Organoaluminum Complex for Enantioselective Ene Reactions of Aldehydes.. ChemInform, 2004, 35, no.	0.0	0
161	Design of New Chiral Phase-Transfer Catalysts with Dual Functions for Highly Enantioselective Epoxidation of $\hat{I}\pm, \hat{I}^2$ -Unsaturated Ketones.. ChemInform, 2004, 35, no.	0.0	0
162	Asymmetric Organocatalysis of Structurally Well-Defined Chiral Quaternary Ammonium Fluorides. ChemInform, 2004, 35, no.	0.0	0

#	ARTICLE	IF	CITATIONS
163	Catalytic Asymmetric Synthesis of a Nitrogen Analogue of Dialkyl Tartrate by Direct Mannich Reaction under Phase-Transfer Conditions.. ChemInform, 2004, 35, no.	0.0	0
164	Development of Highly Diastereo- and Enantioselective Direct Asymmetric Aldol Reaction of a Glycinate Schiff Base with Aldehydes Catalyzed by Chiral Quaternary Ammonium Salts.. ChemInform, 2004, 35, no.	0.0	100
165	Evaluation of the Relationship Between the Catalyst Structure and Regio- as well as Stereoselectivity in the Chiral Ammonium Bifluoride-Catalyzed Asymmetric Addition of Silyl Nitronates to $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehydes.. ChemInform, 2004, 35, no.	0.0	0
166	Highly enantioselective alkylation of glycine methyl and ethyl ester derivatives under phase-transfer conditions: its synthetic advantage. Tetrahedron Letters, 2004, 45, 1675-1678.	1.4	46
167	Efficient asymmetric catalysis of chiral organoaluminum complex for enantioselective ene reactions of aldehydes. Tetrahedron Letters, 2004, 45, 4481-4484.	1.4	20
168	Organoaluminum-mediated selective 1,2-rearrangement of $\hat{1}^3, \hat{1}^3$ -disubstituted $\hat{1}^3$ -amino $\hat{1}\pm, \hat{1}^2$ -unsaturated carbonyl compounds leading to unsymmetrically substituted pyrroles. Tetrahedron Letters, 2004, 45, 9315-9317.	1.4	15
169	Meerweinâ€™Ponndorfâ€™Verley alkynylation of aldehydes: Essential modification of aluminium alkoxides for rate acceleration and asymmetric synthesis. Organic and Biomolecular Chemistry, 2004, 2, 3312-3319.	2.8	28
170	(2,7-Disubstituted-1,8-biphenylenedioxy)bis(dimethylaluminum) as Bidentate Organoaluminum Lewis Acids:â€™% Elucidation and Synthetic Utility of the Double Electrophilic Activation Phenomenon. Journal of the American Chemical Society, 2004, 126, 1150-1160.	13.7	71
171	Catalytic Asymmetric Synthesis of a Nitrogen Analogue of Dialkyl Tartrate by Direct Mannich Reaction under Phase-Transfer Conditions. Organic Letters, 2004, 6, 2397-2399.	4.6	141
172	Asymmetric Organocatalysis of Structurally Well-Defined Chiral Quaternary Ammonium Fluorides. Accounts of Chemical Research, 2004, 37, 526-533.	15.6	195
173	Design of New Chiral Phase-Transfer Catalysts with Dual Functions for Highly Enantioselective Epoxidation of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Ketones. Journal of the American Chemical Society, 2004, 126, 6844-6845.	13.7	196
174	Highly Enantioselective Conjugate Addition of Nitroalkanes to Alkylidenemalonates Using Efficient Phase-Transfer Catalysis of N-Spiro Chiral Ammonium Bromides. Journal of the American Chemical Society, 2004, 126, 11790-11791.	13.7	91
175	Development of Highly Diastereo- and Enantioselective Direct Asymmetric Aldol Reaction of a Glycinate Schiff Base with Aldehydes Catalyzed by Chiral Quaternary Ammonium Salts. Journal of the American Chemical Society, 2004, 126, 9685-9694.	13.7	146
176	Evaluation of the Relationship between the Catalyst Structure and Regio- as well as Stereoselectivity in the Chiral Ammonium Bifluorideâ€™Catalyzed Asymmetric Addition of Silyl Nitronates to $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehydes. Chemistry Letters, 2004, 33, 824-825.	1.3	13
177	Asymmetric Skeletal Rearrangement of Symmetrically $\hat{1}\pm, \hat{1}^2$ -Disubstituted $\hat{1}\pm$ -Amino Aldehydes:â€™ A New Entry to Optically Active $\hat{1}\pm$ -Hydroxy Ketones. Journal of the American Chemical Society, 2003, 125, 3220-3221.	13.7	42
178	Title is missing!. Angewandte Chemie, 2003, 115, 599-602.	2.0	25
179	Activation of Ether Functionality of Allyl Vinyl Ethers by Chiral Bis(organoaluminum) Lewis Acids: Application to Asymmetric Claisen Rearrangement.. ChemInform, 2003, 34, no.	0.0	0
180	Designer Chiral Quaternary Ammonium Bifluorides as an Efficient Catalyst for Asymmetric Nitroaldol Reaction of Silyl Nitronates with Aromatic Aldehydes.. ChemInform, 2003, 34, no.	0.0	0

#	ARTICLE	IF	CITATIONS
181	Isopropoxyaluminum 1,1'-Biphenyl-2-oxy-2'-perfluorooctanesulfonamide as a Catalyst for Tishchenko Reaction.. ChemInform, 2003, 34, no.	0.0	0
182	Asymmetric Skeletal Rearrangement of Symmetrically $\hat{1}\pm, \hat{1}\pm$ -Disubstituted $\hat{1}\pm$ -Amino Aldehydes: A New Entry to Optically Active $\hat{1}\pm$ -Hydroxy Ketones.. ChemInform, 2003, 34, no.	0.0	0
183	Design of N-Spiro C2-Symmetric Chiral Quaternary Ammonium Bromides as Novel Chiral Phase-Transfer Catalysts: Synthesis and Application to Practical Asymmetric Synthesis of $\hat{1}\pm$ -Amino Acids.. ChemInform, 2003, 34, no.	0.0	0
184	Enantioselective Amino Acid Synthesis by Chiral Phase-Transfer Catalysis. ChemInform, 2003, 34, no.	0.0	0
185	Highly Enantioselective Michael Addition of Silyl Nitronates to $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehydes Catalyzed by Designer Chiral Ammonium Bifluorides: Efficient Access to Optically Active $\hat{1}^3$ -Nitro Aldehydes and Their Enol Silyl Ethers.. ChemInform, 2003, 34, no.	0.0	0
186	Highly Enantioselective Construction of Quaternary Stereocenters on $\hat{1}^2$ -Keto Esters by Phase-Transfer Catalytic Asymmetric Alkylation and Michael Reaction.. ChemInform, 2003, 34, no.	0.0	0
187	Highly Enantioselective Construction of Quaternary Stereocenters on $\hat{1}^2$ -Keto Esters by Phase-Transfer Catalytic Asymmetric Alkylation and Michael Reaction. Angewandte Chemie - International Edition, 2003, 42, 3796-3798.	13.8	140
188	Practical Asymmetric Synthesis of Vicinal Diamines through the Catalytic Highly Enantioselective Alkylation of Glycine Amide Derivatives. Angewandte Chemie - International Edition, 2003, 42, 5868-5870.	13.8	46
189	Highly Stereoselective N-Terminal Functionalization of Small Peptides by Chiral Phase-Transfer Catalysis. Angewandte Chemie - International Edition, 2003, 42, 579-582.	13.8	82
190	Highly Enantioselective Construction of Quaternary Stereocenters on $\hat{1}^2$ -Keto Esters by Phase-Transfer Catalytic Asymmetric Alkylation and Michael Reaction. Angewandte Chemie - International Edition, 2003, 42, 3981-3981.	13.8	1
191	Isopropoxyaluminum 1,1'-biphenyl-2-oxy-2'-perfluorooctanesulfonamide as a catalyst for Tishchenko reaction. Tetrahedron Letters, 2003, 44, 3191-3193.	1.4	33
192	New, Improved Procedure for the Synthesis of Structurally Diverse N-Spiro C2-Symmetric Chiral Quaternary Ammonium Bromides. Journal of Organic Chemistry, 2003, 68, 4576-4578.	3.2	72
193	A Scalable Synthesis of (R)-3,5-Dihydro-4H-dinaphth[2,1-c:1' $\hat{1}$ '-e]azepine. Organic Process Research and Development, 2003, 7, 644-648.	2.7	17
194	Designer Chiral Quaternary Ammonium Bifluorides as an Efficient Catalyst for Asymmetric Nitroaldol Reaction of Silyl Nitronates with Aromatic Aldehydes. Journal of the American Chemical Society, 2003, 125, 2054-2055.	13.7	174
195	Enantioselective Amino Acid Synthesis by Chiral Phase-Transfer Catalysis. Chemical Reviews, 2003, 103, 3013-3028.	47.7	797
196	Design of N-Spiro C2-Symmetric Chiral Quaternary Ammonium Bromides as Novel Chiral Phase-Transfer Catalysts: A Synthesis and Application to Practical Asymmetric Synthesis of $\hat{1}\pm$ -Amino Acids. Journal of the American Chemical Society, 2003, 125, 5139-5151.	13.7	332
197	Fluorotetraphenylbismuth: A New Reagent for Efficient Regioselective $\hat{1}\pm$ -Phenylation of Carbonyl Compounds. Journal of the American Chemical Society, 2003, 125, 10494-10495.	13.7	82
198	Highly Enantioselective Michael Addition of Silyl Nitronates to $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehydes Catalyzed by Designer Chiral Ammonium Bifluorides: Efficient Access to Optically Active $\hat{1}^3$ -Nitro Aldehydes and Their Enol Silyl Ethers. Journal of the American Chemical Society, 2003, 125, 9022-9023.	13.7	95

#	ARTICLE	IF	CITATIONS
199	Enantioselective Synthesis of .ALPHA.-Amino Acids by Chiral Phase-Transfer Catalysis. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2003, 61, 1195-1206.	0.1	9
200	Catalytic Meerwein-Ponndorf-Verley (MPV) and Oppenauer (OPP) Reactions: Remarkable Acceleration of the Hydride Transfer by Powerful Bidentate Aluminum Alkoxides. Synthesis, 2002, 2002, 0279.	2.3	42
201	Asymmetric Induction in the Neber Rearrangement of Simple Ketoxime Sulfonates under Phase-Transfer Conditions: Experimental Evidence for the Participation of an Anionic Pathway. Journal of the American Chemical Society, 2002, 124, 7640-7641.	13.7	122
202	Practical Oppenauer (OPP) Oxidation of Alcohols with a Modified Aluminum Catalyst. Organic Letters, 2002, 4, 2669-2672.	4.6	60
203	Conformationally Flexible, Chiral Quaternary Ammonium Bromides for Asymmetric Phase-Transfer Catalysis. Angewandte Chemie, 2002, 114, 1621-1624.	2.0	33
204	Title is missing!. Angewandte Chemie, 2002, 114, 4724-4726.	2.0	45
205	Conformationally Flexible, Chiral Quaternary Ammonium Bromides for Asymmetric Phase-Transfer Catalysis. Angewandte Chemie - International Edition, 2002, 41, 1551-1554.	13.8	133
206	Direct Asymmetric Aldol Reactions of Glycine Schiff Base with Aldehydes Catalyzed by Chiral Quaternary Ammonium Salts. Angewandte Chemie - International Edition, 2002, 41, 4542-4544.	13.8	147
207	Evaluation of the Efficiency of the Chiral Quaternary Ammonium Salt $\hat{I}^2$ -Np-NAS-Br in the Organic-Aqueous Phase-Transfer Alkylation of a Protected Glycine Derivative. Advanced Synthesis and Catalysis, 2002, 344, 288-291.	4.3	40
208	Activation of ether functionality of allyl vinyl ethers by chiral bis(organoaluminum) Lewis acids: application to asymmetric Claisen rearrangement. Tetrahedron, 2002, 58, 8307-8312.	1.9	25
209	Evaluation of the Efficiency of the Chiral Quaternary Ammonium Salt $\hat{I}^2$ -Np-NAS-Br in the Organic-Aqueous Phase-Transfer Alkylation of a Protected Glycine Derivative.. ChemInform, 2002, 33, 36-36.	0.0	0
210	Asymmetric Induction in the Neber Rearrangement of Simple Ketoxime Sulfonates under Phase-Transfer Conditions: Experimental Evidence for the Participation of an Anionic Pathway.. ChemInform, 2002, 33, 35-35.	0.0	0
211	Distinct Advantage of the in Situ Generation of Quaternary Ammonium Fluorides under Phase-Transfer Conditions toward Catalytic Asymmetric Synthesis. Organic Letters, 2001, 3, 1273-1276.	4.6	70
212	A Convergent, Homochiral Bis(amino alcohol) for Obtaining High Enantioselectivity in the Addition of Diethylzinc to Aldehydes. Chemistry Letters, 2001, 30, 1108-1109.	1.3	13
213	Esterification of carboxylic acids catalyzed by in situ generated tetraalkylammonium fluorides. Tetrahedron Letters, 2001, 42, 9245-9248.	1.4	48
214	Remarkable template effect of a Lewis acid receptor in the intramolecular radical cyclization: control of reaction pathway as well as stereochemistry. Tetrahedron, 2001, 57, 135-144.	1.9	8
215	Zr(OBut) <sub>4</sub> As an effective promoter for the Meerwein-Ponndorf-Verley alkynylation and cyanation of aldehydes: development of new asymmetric cyanohydrin synthesis. Tetrahedron, 2001, 57, 867-873.	1.9	76
216	Rapid and Mild Generation of Carbon Radicals from (o-Iodophenyl)phenylthio Derivatives by an Anchimeric Approach. Advanced Synthesis and Catalysis, 2001, 343, 166-168.	4.3	28

#	ARTICLE	IF	CITATIONS
217	Practical Approach to the Meerwein-Ponndorf-Verley Reduction of Carbonyl Substrates with New Aluminum Catalysts This work was partially supported by a Grant-in-Aid for Scientific Research from the Ministry of Education, Culture, Sports, Science and Technology, Japan.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3610.	13.8	57
218	Concise, Catalytic Asymmetric Synthesis of Tetrahydroisoquinoline- and Dihydroisoquinoline-3-carboxylic Acid Derivatives. <i>Synthesis</i> , 2001, 2001, 1716-1718.	2.3	54
219	Advantage of Anaerobic Conditions in the Highly Enantioselective Synthesis of $\hat{1}\pm, \hat{1}\pm$ -Dialkyl- $\hat{1}\pm$ -Amino Acids by Chiral Phase-Transfer Catalysis. <i>Synlett</i> , 2001, 2001, 1185-1187.	1.8	34
220	<i>o</i> -( <i>o</i> -Iodophenyl)phenylselenenyl Ethers/ <i>t</i> -BuLi System as an Alkylolithium Equivalent with Structural Variations. <i>Synlett</i> , 2001, 2001, 0791-0792.	1.8	7
221	Carbon-13 Spin-Lattice Relaxation Time (T1) for Assignment of Brominated Carbons. <i>Heterocycles</i> , 2001, 54, 577.	0.7	13
222	Facile Conversion of Trialkylsilyl Esters to Alkyl Esters Mediated by Tetrabutylammonium Fluoride Trihydrate. <i>Heterocycles</i> , 2001, 54, 593.	0.7	9
223	Facile synthesis of L-Dopa tert-butyl ester by catalytic enantioselective phase-transfer alkylation. <i>Tetrahedron Letters</i> , 2000, 41, 8339-8342.	1.4	74
224	Unique Synthetic Utility of BF <sub>3</sub> ·OEt <sub>2</sub> in the Highly Diastereoselective Reduction of Hydroxy Carbonyl and Dicarbonyl Substrates. <i>Organic Letters</i> , 2000, 2, 2015-2017.	4.6	9
225	Practical Catalytic Enantioselective Synthesis of $\hat{1}\pm, \hat{1}\pm$ -Dialkyl- $\hat{1}\pm$ -amino Acids by Chiral Phase-Transfer Catalysis. <i>Journal of the American Chemical Society</i> , 2000, 122, 5228-5229.	13.7	332
226	Chemistry of Chelate-Type Hypervalent Boron and Aluminum: Utilization for Selective Organic Synthesis.. Yuki Goseki Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2000, 58, 14-22.	0.1	8
227	Unique property of copper(I) chloride as a radical initiator as well as a Lewis acid: Application to CuCl-catalyzed aldol reaction of $\hat{1}\pm, \hat{1}^2$ -unsaturated ketones with Bu <sub>3</sub> SnH. <i>Tetrahedron Letters</i> , 1999, 40, 2133-2136.	1.4	54
228	Simultaneous functional group manipulation in the Meerwein-Ponndorf-Verley reduction process catalyzed by bidentate aluminum reagent. <i>Tetrahedron Letters</i> , 1999, 40, 2137-2138.	1.4	31
229	Hypercoordination of aluminum: Evidence for the implication of pentacoordinate complexes in the R <sub>2</sub> AlCl-promoted reduction of alkoxy carbonyl substrates. <i>Tetrahedron Letters</i> , 1999, 40, 2993-2996.	1.4	13
230	Remarkable catalytic activity of Me <sub>3</sub> Ga in the alkylation of hetero-substituted epoxides with alkyllithiums. <i>Tetrahedron Letters</i> , 1999, 40, 5881-5884.	1.4	18
231	Catalytic, high-speed tishchenko reaction using (2,7-dimethyl-1,8-biphenylenedioxy)bis(diisopropoxyaluminum) as a powerful bidentate catalyst. <i>Tetrahedron Letters</i> , 1999, 40, 7695-7698.	1.4	62
232	Highly efficient amphiphilic cleavage of $\hat{1}^3$ -iodo carbonyl substrates with aluminum system. <i>Tetrahedron Letters</i> , 1999, 40, 9041-9044.	1.4	2
233	The Synthetic Utility of the Hypercoordination of Boron and Aluminum. <i>Chemistry - A European Journal</i> , 1999, 5, 829-833.	3.3	41
234	Molecular Design of a C <sub>2</sub> -Symmetric Chiral Phase-Transfer Catalyst for Practical Asymmetric Synthesis of $\hat{1}\pm$ -Amino Acids. <i>Journal of the American Chemical Society</i> , 1999, 121, 6519-6520.	13.7	388

#	ARTICLE	IF	CITATIONS
235	Pentacoordinate Organoaluminum Chemistry:â€‰ Catalytic Efficiency of Me <sub>3</sub> Al in the Epoxide Cleavage with Alkynyllithiums. <i>Journal of the American Chemical Society</i> , 1999, 121, 3328-3333.	13.7	36
236	Sesterterpenoids and Diterpenoids of the Wax Excreted by a Scale Insect, <i>Ceroplastes pseudoceriferus</i> . <i>Journal of Natural Products</i> , 1999, 62, 1504-1509.	3.0	13
237	Organoaluminum-promoted selective addition to fluorinated carbonyl compounds via pentacoordinate trialkylaluminum complexes. <i>Tetrahedron Letters</i> , 1998, 39, 7105-7108.	1.4	21
238	Pentacoordinate vs. Tetracoordinate complexation for alkoxy carbonyl compounds with dialkylboron triflates and trifluoroacetates ?. <i>Tetrahedron Letters</i> , 1998, 39, 8105-8108.	1.4	12
239	Rate Acceleration in Nucleophilic Alkylation of Carbonyl Compounds with a New Template Containing Two Metallic Centers. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 835-837.	13.8	27
240	Highly Efficient, Catalytic Meerwein-Ponndorf-Verley Reduction with a Novel Bidentate Aluminum Catalyst. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2347-2349.	13.8	95
241	Unprecedented Encapsulation of Carbonyl Guest with Designer Lewis Acid Receptor. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3039-3041.	13.8	36
242	Dilithium 2,2-â€²-methylenebis(4,6-di-tert-butylphenoxide) as a bidentate Lewis acid in organic synthesis. <i>Tetrahedron Letters</i> , 1998, 39, 3745-3748.	1.4	19
243	First Meerwein-â€²Ponndorf-â€²Verley Alkynylation:â€‰ Nonorganometallic Way for Carbonyl Alkylations. <i>Journal of the American Chemical Society</i> , 1998, 120, 10790-10791.	13.7	37
244	Hypercoordination of Boron and Aluminum:â€² Synthetic Utility as Chelating Lewis Acids. <i>Journal of the American Chemical Society</i> , 1998, 120, 5327-5328.	13.7	61
245	Selective Conjugate Alkylation of Alkylolithium Nucleophiles to $\hat{I}^{\pm}, \hat{I}^2, \hat{I}^3, \hat{I}^{\pm}$ -Unsaturated Aldehydes with Functionalized Lewis Acid Receptors. <i>Chemistry Letters</i> , 1998, 27, 403-404.	1.3	8
246	Facile and Selective Alkylation of 3,3,3-Trifluoropropene Oxide (TFPO) with Organoaluminum Reagents via Pentacoordinate Trialkylaluminum Complexes. <i>Chemistry Letters</i> , 1998, 27, 817-818.	1.3	15
247	High Activation of Carbonyl Groups with Bidentate Lewis Acid Catalysts.. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 1998, 56, 377-385.	0.1	7
248	Rate Acceleration in Nucleophilic Alkylation of Carbonyl Compounds with a New Template Containing Two Metallic Centers. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 835-837.	13.8	2
249	Organoaluminum-Promoted Cyclization of Olefinic Epoxides. A New and Stereoselective Approach to Cyclohexane Frameworks. <i>Bulletin of the Chemical Society of Japan</i> , 1997, 70, 707-711.	3.2	9
250	Organoaluminum-Promoted Rearrangement of Epoxysilanes to $\hat{I}^{\pm}$ -Silylaldehydes. <i>Chemistry Letters</i> , 1997, 26, 519-520.	1.3	15
251	Fluorine-Assisted Selective Alkylation to Fluorinated Epoxides and Carbonyl Compounds:â€² Implication of Pentacoordinate Trialkylaluminum Complexes. <i>Journal of the American Chemical Society</i> , 1997, 119, 5754-5755.	13.7	75
252	A simple preparation of 17(R)-hydroxyeicosatetraenoic and eicosapentaenoic acids from the eicosanoylphloroglucinols, components of the brown alga, <i>Zonaria diesingiana</i> . <i>Tetrahedron Letters</i> , 1997, 38, 249-250.	1.4	10

#	ARTICLE	IF	CITATIONS
253	Conjugate allylation to $\alpha,\beta$ -unsaturated aldehydes with amphiphilic alkylation system, ATPH/allylcerium reagents. <i>Tetrahedron Letters</i> , 1997, 38, 3947-3950.	1.4	14
254	Evaluation of several fluorinated ATPH derivatives as functionalized Lewis acid receptors for conjugate alkylation to $\alpha,\beta$ -unsaturated aldehydes with alkyl lithium nucleophiles. <i>Tetrahedron Letters</i> , 1997, 38, 3951-3954.	1.4	7
255	Organoaluminum-catalyzed new alkylation of tert-alkyl fluorides: Synthetic utility of Al-F interaction. <i>Tetrahedron Letters</i> , 1997, 38, 5679-5682.	1.4	73
256	Bidentate organoaluminum Lewis acid for selective activation of carbonyl over acetal functionality: Chemoselective functionalization. <i>Tetrahedron Letters</i> , 1997, 38, 7403-7406.	1.4	38
257	Remarkable Template Effect of a Lewis Acidic Receptor in Intramolecular Radical Cyclizations. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1181-1183.	4.4	30
258	Conjugate Allylation to $\alpha,\beta$ -Unsaturated Aldehydes with the New Chemzyme p-F-ATPH. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1183-1185.	4.4	33
259	Au-ergewählter Templateeffekt eines Lewis-sauren Rezeptors bei einer intramolekularen radikalischen Cyclisierung. <i>Angewandte Chemie</i> , 1997, 109, 1230-1231.	2.0	7
260	Konjugierte Allylierung $\alpha,\beta$ -ungesättigter Aldehyde mit dem neuen Chemzym p-F-ATPH. <i>Angewandte Chemie</i> , 1997, 109, 1231-1233.	2.0	11
261	Application of phenylglycine methyl ester (PGME) to determination of the absolute configuration of carboxylic acids having phenylalkyl group. <i>Chirality</i> , 1997, 9, 550-555.	2.6	14
262	(2,7-Dimethyl-1,8-biphenylenedioxy)bis(dimethylaluminum) as a Bidentate Lewis Acid: Its Reactivity and Selectivity in Organic Synthesis. <i>Journal of the American Chemical Society</i> , 1996, 118, 11307-11308.	13.7	95
263	Exceptionally Bulky Lewis Acidic Reagent, MAD.. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 1996, 54, 200-211.	0.1	9
264	Unprecedented stereochemical control in the intramolecular ene-reactions of $\alpha,\beta$ -unsaturated aldehydes using exceptionally bulky organoaluminum reagents: Elucidation of the transition state. <i>Tetrahedron</i> , 1994, 50, 6505-6522.	1.9	18
265	Lewis acid-promoted selective rearrangement of trisubstituted epoxides to aldehydes or ketones. <i>Tetrahedron</i> , 1994, 50, 3663-3672.	1.9	79
266	The conformation of the 17-O-MTPA-Eicosatetraenoil chain of a marine acylphloroglucinol. <i>Tetrahedron Letters</i> , 1994, 35, 3127-3128.	1.4	6
267	Asymmetric Diels-Alder Reaction of Unsymmetrical Maleates. A Chemical Access to Chiral, Unsymmetrical cis-Cyclohexene-1,2-dicarboxylates. <i>Journal of the American Chemical Society</i> , 1994, 116, 6153-6158.	13.7	50
268	Migratory aptitude of alkyl substituents in the MABR-promoted epoxide rearrangement. <i>Tetrahedron</i> , 1992, 48, 3303-3312.	1.9	43
269	Organoaluminum-catalyzed rearrangement of epoxides a facile route to the synthesis of optically active $\beta$ -siloxy aldehydes. <i>Tetrahedron</i> , 1991, 47, 6983-6998.	1.9	102
270	Selective Rearrangement of Trisubstituted Epoxides to Aldehydes or Ketones. <i>Synlett</i> , 1991, 1991, 491-492.	1.8	22



#	ARTICLE	IF	CITATIONS
271	Selective Reduction of Methylenecycloalkane Oxides with 4-Substituted Diisobutylaluminum 2,6-Di-tert-butylphenoxides. <i>Synlett</i> , 1991, 1991, 255-256.	1.8	10
272	A New Cyclization of Olefinic Epoxides by Modified Organoaluminum Reagents via Epoxide Rearrangement and Subsequent Intramolecular Ene Reaction. <i>Synlett</i> , 1991, 1991, 857-858.	1.8	12
273	A New Stereoselective Approach to Oxygenated Carbocycles: Asymmetric Synthesis of the Cyclohexyl Fragment of FK-506. <i>Synlett</i> , 1991, 1991, 579-580.	1.8	21
274	Unprecedented stereochemical control in the organoaluminum-promoted intramolecular ene reactions of $\delta,\epsilon$ -unsaturated aldehydes. <i>Journal of the American Chemical Society</i> , 1990, 112, 9011-9012.	13.7	46
275	An efficient, catalytic procedure for epoxide rearrangement. <i>Tetrahedron Letters</i> , 1989, 30, 5607-5610.	1.4	72
276	Structure of cyanoviridin RR, a toxin from the blue-green alga, <i>Microcystis viridis</i> . <i>Journal of Applied Phycology</i> , 1989, 1, 31-38.	2.8	17
277	Organoaluminum-promoted rearrangement of epoxy silyl ethers to $\beta$ -siloxy aldehydes. <i>Journal of the American Chemical Society</i> , 1989, 111, 6431-6432.	13.7	131
278	Cyanoviridin RR, a toxin from the cyanobacterium (blue-green alga). <i>Tetrahedron Letters</i> , 1987, 28, 4695-4698.	1.4	81
279	Ammonium Ions as Chiral Templates. , 0, , 121-150.		3
280	Chiral Quaternary Ammonium Fluorides for Asymmetric Synthesis. , 0, , 189-206.		8