

Shin-Ichi Fukuzawa

List of Publications by Year in descending order

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63
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2,343
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257450

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times ranked

2079
citing authors

#	ARTICLE	IF	CITATIONS
1	Scandium(III) Triflate-Catalyzed Friedel-Crafts Alkylation Reactions. <i>Journal of Organic Chemistry</i> , 1997, 62, 6997-7005.	3.2	189
2	Copper(I) 1,2,3-Triazol-5-ylidene Complexes as Efficient Catalysts for Click Reactions of Azides with Alkynes. <i>Organic Letters</i> , 2011, 13, 620-623.	4.6	178
3	Highly Endo-Selective and Enantioselective 1,3-Dipolar Cycloaddition of Azomethine Ylide with α -Enones Catalyzed by a Silver(I)/ThioClickFerrophos Complex. <i>Organic Letters</i> , 2010, 12, 1752-1755.	4.6	140
4	Highly Enantioselective Asymmetric 1,3-Dipolar Cycloaddition of Azomethine Ylide Catalyzed by a Copper(I)/ClickFerrophos Complex. <i>Organic Letters</i> , 2008, 10, 1747-1750.	4.6	138
5	Direct C-H Carboxylation with Carbon Dioxide Using 1,2,3-Triazol-5-ylidene Copper(I) Complexes. <i>Organic Letters</i> , 2012, 14, 3986-3989.	4.6	136
6	A Facile Synthesis of Chiral β -Butyrolactones in Extremely High Enantioselectivity Mediated by Samarium(II) Iodide. <i>Journal of the American Chemical Society</i> , 1997, 119, 1482-1483.	13.7	131
7	Asymmetric Methoxyselenenylation of Alkenes with Chiral Ferrocenylselenium Reagents. <i>Journal of Organic Chemistry</i> , 1997, 62, 7711-7716.	3.2	116
8	ClickFerrophos: New Chiral Ferrocenyl Phosphine Ligands Synthesized by Click Chemistry and the Use of Their Metal Complexes as Catalysts for Asymmetric Hydrogenation and Allylic Substitution. <i>Organic Letters</i> , 2007, 9, 5557-5560.	4.6	96
9	Synthetic, Structural, and Catalytic Studies of Well-Defined Allyl 1,2,3-Triazol-5-ylidene (tzNHC) Palladium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1387-1393.	2.0	75
10	Synthesis of Dichlorobis(1,4-dimesityl-1,2,3-triazol-5-ylidene)palladium [PdCl ₂ (TMes) ₂] and Its Application to Suzuki-Miyaura Coupling Reaction. <i>Chemistry Letters</i> , 2010, 39, 920-922.	1.3	68
11	Silver/ThioClickFerrophos-Catalyzed Enantioselective Conjugate Addition and Cycloaddition of Glycine Imino Ester with Nitroalkenes. <i>Organic Letters</i> , 2012, 14, 4410-4413.	4.6	66
12	Superacid-Catalyzed Reductive Friedel-Crafts Reaction of Arenes Using Arenecarbaldehyde Acetals. <i>Journal of Organic Chemistry</i> , 1997, 62, 151-156.	3.2	55
13	Ag/ThioClickFerrophos catalyzed highly enantioselective 1,3-dipolar cycloaddition of azomethine ylides with alkenes. <i>Tetrahedron Letters</i> , 2010, 51, 5068-5070.	1.4	52
14	Bulky iodotriazolium tetrafluoroborates as highly active halogen-bonding-donor catalysts. <i>Chemical Communications</i> , 2018, 54, 10320-10323.	4.1	51
15	Synthesis of adamantyl substituted 1,2,3-triazol-5-ylidene ligands and their PEPPSI-type palladium complexes. <i>Tetrahedron</i> , 2015, 71, 1509-1514.	1.9	46
16	Synthesis of Novel Ferrocenyl-Based P,S Ligands (ThioClickFerrophos) and Their Use in Pd-Catalyzed Asymmetric Allylic Substitutions. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 5232-5238.	2.4	45
17	Modular synthesis of the ClickFerrophos ligand family and their use in rhodium- and ruthenium-catalyzed asymmetric hydrogenation. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 2185-2191.	1.8	42
18	Rhodium-Catalyzed Enantioselective Hydrogenation of Unsaturated Phosphonates by ClickFerrophos Ligands. <i>Journal of Organic Chemistry</i> , 2012, 77, 3318-3324.	3.2	36

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19	Stereoselective Pinacol Coupling of Chiral Formylferrocene Using Divalent Samarium Triflate: Preparation of a New Chiral Bisferrocenyl Oxazoline Ligand and Its Application to Asymmetric Diels-Alder Reactions. <i>Organic Letters</i> , 2005, 7, 5809-5812.	4.6	34
20	Preparation of Chiral Homoannularly Bridged N-Ferrocenyl Ligands by Intramolecular Coupling of 1,5-Dilithioferrocenes and Their Application in Asymmetric Allylic Substitution Reactions. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5540-5545.	2.4	34
21	Reduction of Carbonyl Compounds by Lanthanide Metal/2-Propanol: In-situ Generation of Samarium Isopropoxide for Stereoselective Meerwein-Ponndorf-Verley Reduction. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2863-2867.	2.4	32
22	Silver/ThioClickFerrophos Complex as an Effective Catalyst for Asymmetric Conjugate Addition of Glycine Imino Ester to Unsaturated Malonates and α -Enones. <i>Organic Letters</i> , 2013, 15, 4418-4421.	4.6	32
23	Copper- and Silver-Catalyzed Diastereo- and Enantioselective Conjugate Addition Reaction of 1-Pyrroline Esters to Nitroalkenes: Diastereoselectivity Switch by Chiral Metal Complexes. <i>Journal of Organic Chemistry</i> , 2015, 80, 10883-10891.	3.2	31
24	Chiral triazolylidene-Pd-PEPPSI: synthesis, characterization, and application in asymmetric Suzuki-Miyaura cross-coupling. <i>Chemical Communications</i> , 2018, 54, 2110-2113.	4.1	30
25	Optically Active 1,2-Bis(1-arylhydroxymethyl) Ferrocene: A New, Efficient Chiral Ligand for Scandium-Catalyzed Asymmetric Diels-Alder Reaction. <i>Organic Letters</i> , 2002, 4, 707-709.	4.6	25
26	Palladium-Catalyzed Formylation of Arylzinc Reagents with <i>S</i> -Phenyl Thioformate. <i>Organic Letters</i> , 2017, 19, 1646-1649.	4.6	25
27	Bifunctional AgOAc/ThioClickFerrophos catalyzed asymmetric 1,3-dipolar cycloaddition reaction of azomethine ylides to nitroalkenes. <i>Tetrahedron</i> , 2016, 72, 2666-2670.	1.9	24
28	Diastereoselective 1,2-Addition of Organometallic Reagents to Chiral Formylferrocenes Leading to Enantiomerically Pure Ferrocenyl Amino Alcohols: Application to Asymmetric Dialkylzinc Addition to Aldehydes and Synthesis of Optically Active 1,2-Homodisubstituted Ferrocenes. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 2877-2883.	2.4	22
29	Lewis acid-base synergistic catalysis of cationic halogen-bonding-donors with nucleophilic counter anions. <i>Chemical Communications</i> , 2020, 56, 9715-9718.	4.1	21
30	Synthesis of Silaphenalenenes by Ruthenium-Catalyzed Annulation between 1-Naphthylsilanes and Internal Alkynes through C-H Bond Cleavage. <i>Chemistry - A European Journal</i> , 2015, 21, 13229-13232.	3.3	19
31	Ligand-Controlled Stereodivergent, Enantioselective Conjugate Addition of 2-Oxazoline- and 2-Thiazoline-4-carboxylate to Nitroalkene Catalyzed by Chiral Copper Complexes. <i>Journal of Organic Chemistry</i> , 2016, 81, 7939-7944.	3.2	19
32	2-Ethynylpyridine-Promoted Rapid Copper(I) Chloride Catalyzed Azide-Alkyne Cycloaddition Reaction in Water. <i>Synlett</i> , 2013, 24, 843-846.	1.8	18
33	Synthesis of 7-azabicyclo[2.2.1]heptane-1-carboxylate via silver/ThioClickFerrophos-catalyzed asymmetric 1,3-dipolar cycloaddition of dihydropyrrole ester with N-substituted maleimide. <i>Tetrahedron Letters</i> , 2014, 55, 6224-6226.	1.4	18
34	Preparation of New, Optically Active 1,2-Ferrocenyldiamine Ligands and Their Application to Ruthenium-Catalyzed Asymmetric Transfer Hydrogenation of Ketones. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 1012-1016.	2.4	17
35	Unexpected 1,5-Dilithiation of Chiral-TMS Blocked (Dimethylamino)phenylmethylferrocene: An Alternative Approach to Chiral Ferrocenyl 1,5-Diphosphanes. <i>Journal of Organic Chemistry</i> , 2007, 72, 1514-1517.	3.2	17
36	Chiral Silver Complex-Catalyzed Diastereoselective and Enantioselective Michael Addition of 1-Pyrroline-5-carboxylates to α -Enones. <i>Journal of Organic Chemistry</i> , 2017, 82, 8927-8932.	3.2	17

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37	Silver-Catalyzed Diastereo- and Enantioselective Michael Addition and 1,3-Dipolar Cycloaddition Reactions of Imino Esters to 3-Methyl-4-nitro-5-styrylisoxazoles. <i>Journal of Organic Chemistry</i> , 2018, 83, 13965-13972.	3.2	17
38	Copper-Catalyzed Single C-H Amination of 8-Aminoquinoline-Directed Ferrocenes. <i>Organic Letters</i> , 2021, 23, 4966-4970.	4.6	17
39	Synthesis of π -Conjugated Polymers Containing Benzodipyrrole Moieties in the Main Chain through Cleavage of C-H Bonds in 1,4-Bis(acetylamino)benzene. <i>ACS Macro Letters</i> , 2015, 4, 689-692.	4.8	16
40	Metal Complex-Controlled Regio-, Diastereo- and Enantioselective 1,3-Dipolar Cycloaddition of Azomethine Ylides with Benzo[<i>b</i>]thiophene Sulfones. <i>Chemistry - A European Journal</i> , 2018, 24, 2580-2583.	3.3	16
41	Kinetic resolution of γ -acetoxy carboxylic acids with homochiral SuperQuats. , 2000, 12, 483-487.		15
42	Silver-catalyzed asymmetric Michael addition of azomethine ylide to arylidene diphosphonates using ThioClickFerrophos ligand. <i>Tetrahedron Letters</i> , 2015, 56, 2251-2253.	1.4	15
43	Copper-Catalyzed Asymmetric 1,3-Dipolar Cycloaddition of Imino Esters to Unsaturated Sulfones. <i>Journal of Organic Chemistry</i> , 2020, 85, 8142-8148.	3.2	15
44	One-Step Highly Diastereoselective Synthesis of β -Aminoalkyl-Substituted β -Butyrolactones by an Asymmetric Samarium-Mediated Ketyl-Alkene Coupling Reaction. <i>Journal of Organic Chemistry</i> , 2003, 68, 2042-2044.	3.2	14
45	Twisted Polycyclic Aromatic Systems Prepared by Annulation of Bis(arylethynyl)arenes with Biphenylboronic Acids. <i>Chemistry - A European Journal</i> , 2016, 22, 13908-13915.	3.3	12
46	Transition-Metal-Free Formylation of Allylzinc Reagents Leading to β -Quaternary Aldehydes. <i>Organic Letters</i> , 2018, 20, 1613-1616.	4.6	12
47	Silver-catalyzed diastereo- and enantioselective Michael additions of 2-oxazoline- and 2-thiazoline-4-carboxylate to nitroalkenes. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 428-432.	1.8	11
48	Nickel-catalyzed Diastereoselective Reductive Coupling Reaction of Norbornene with Aldehydes in the Presence of Triethylborane. <i>Chemistry Letters</i> , 2012, 41, 157-158.	1.3	10
49	Silver/ThioClickFerrophos-Catalyzed 1,3-Dipolar Cycloaddition and Tandem Addition-Elimination Reaction of Morita-Baylis-Hillman Adducts. <i>Journal of Organic Chemistry</i> , 2021, 86, 14586-14596.	3.2	10
50	Acid-Mediated Sulfonylthiolation of Arenes via Selective Activation of <i>SS</i> -Morpholino Dithiosulfonate. <i>Organic Letters</i> , 2021, 23, 1582-1587.	4.6	8
51	Enantioselective Construction of Spirobipyrrolidines by the Silver-Catalyzed Asymmetric [3+2] Cycloaddition of Imino Esters with β -Benzylidene- γ -dioxopyrrolidines. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	3.3	8
52	Regioselective Aminolysis and Hydrolysis of Chiral 1,4-Ferrocenyl Diacetate. <i>Journal of Organic Chemistry</i> , 2004, 69, 4991-4996.	3.2	7
53	Palladium-Catalyzed Formylation of Alkenylzinc Reagents with <i>S</i> -(4-Nitrophenyl) Thioformate. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1761-1764.	2.4	7
54	Planar-chiral ferrocene-based triazolylidene copper complexes: synthesis, characterization, and catalysis in asymmetric borylation of β,γ -unsaturated ester. <i>Dalton Transactions</i> , 2020, 49, 17578-17583.	3.3	7

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55	Synthesis and Structure of <i>N</i> -Hetero-ortho-phenylene Hexamers Containing 2,3-Substituted Pyridine Moieties. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7666-7669.	2.4	6
56	Synthesis of Ferrocene-Fused Pyrans through Alkynoxy-Directed C-H Activation/Cyclization. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 839-845.	3.2	6
57	Helical Folding of Hydroxy-Substituted <i>N</i> -Hetero-ortho-phenylenes Directed by Intramolecular Hydrogen Bonds. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2353-2358.	2.4	4
58	Copper-Catalyzed Regio- and Diastereoselective 1,3-Dipolar Cycloaddition Reactions of Glycine Imino Esters with 1,3-Propanesultone. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4561-4565.	2.4	4
59	Preparation and structures of chiral mono and bisortho-aminoalkyl-substituted 1,1'-trichalcogena[3]ferrocenophanes. <i>Heteroatom Chemistry</i> , 2006, 17, 118-124.	0.7	3
60	Intra- and intermolecular interaction of anthracene moieties in 7,8-disilabicyclo[3.3.0]octadienyl-bridged bisanthracenes. <i>RSC Advances</i> , 2018, 8, 25177-25180.	3.6	3
61	Divalent Samarium Triflate Mediated Stereoselective Pinacol Coupling of Planar Chiral Phosphanyl and Phosphoryl Ferrocenecarbaldehyde. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 716-720.	2.4	2
62	Synthesis and Evaluation of Novel Planar-Chiral Monophosphine Ligands Bearing Ferrocene-Triazole Backbones. <i>European Journal of Inorganic Chemistry</i> , 0, , e202100967.	2.0	2
63	Development of Nickel-Catalyzed Three-Component Reactions via C-H or C-C Bond Activation. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2012, 70, 2-10.	0.1	1