

# Seijiro Matsubara

## List of Publications by Year in Descending Order

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

99  
papers

2,099  
citations

26  
h-index

42  
g-index

107  
ext. papers

2,396  
ext. citations

5.4  
avg. IF

5.43  
L-index

#	Paper	IF	Citations
99	Catalytic Aerobic Oxidation of Alkenes with Ferric Boroperoxo Porphyrin Complex; Reduction of Oxygen by Iron Porphyrin. <i>Bulletin of the Chemical Society of Japan</i> , <b>2021</b> , 94, 2493-2497	5.1	2
98	Digitization of Organic Synthesis [How Synthetic Organic Chemists Use AI Technology] <i>Chemistry Letters</i> , <b>2021</b> , 50, 475-481	1.7	2
97	Unmasking Inherent Chirality within the Cubane Skeleton. <i>Israel Journal of Chemistry</i> , <b>2021</b> , 61, 380-386	3.4	2
96	Catalytic asymmetric cycloetherification via intramolecular oxy-Michael addition of enols. <i>Tetrahedron</i> , <b>2021</b> , 97, 132381	2.4	1
95	Aerobic Direct Dioxygenation of Terminal/Internal Alkynes to $\alpha$ -Hydroxyketones by an Fe Porphyrin Catalyst. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 3615-3618	4.5	
94	Preparation of 2-Aryl-3-silyl- and 2-Aryl-3-germyl-1,3-butadienes via Arylnickelation and Zincomethylation. <i>Heterocycles</i> , <b>2021</b> , 103, 769	0.8	
93	Ni-Catalyzed Dearomative Cycloaddition of Alkynes to 10 $\pi$ -Aromatic Benzothiophenes: Elucidation of Reaction Mechanism. <i>Bulletin of the Chemical Society of Japan</i> , <b>2021</b> , 94, 2727-2738	5.1	
92	FeBr <sub>3</sub> -catalyzed Fully Intermolecular [2+2+2] Cycloaddition of Alkenes. <i>Chemistry Letters</i> , <b>2021</b> , 50, 2018-2021	7.2	
91	Enantio- and Diastereoselective Construction of Contiguous Tetrasubstituted Chiral Carbons in Organocatalytic Oxadecalin Synthesis. <i>Organic Letters</i> , <b>2020</b> , 22, 4710-4715	6.2	12
90	Cubane Chirality via Substitution of a "Hidden" Regular Tetrahedron. <i>Organic Letters</i> , <b>2020</b> , 22, 4083-4087	7.2	5
89	Nickel-Catalyzed Intermolecular Carbobromination of Alkynes. <i>ACS Catalysis</i> , <b>2020</b> , 10, 3773-3777	13.1	12
88	Desymmetrization of gem-diols via water-assisted organocatalytic enantio- and diastereoselective cycloetherification. <i>Chemical Communications</i> , <b>2020</b> , 56, 12335-12338	5.8	6
87	trans-Cyclooctenes as Chiral Ligands in Rhodium-Catalyzed Asymmetric 1,4-Additions. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 7131-7133	3.2	0
86	Chlorotrifluoromethylation of Terminal Olefins by Atom Transfer-Type Radical Reaction Catalyzed by Cobalt Complexes. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 4613-4616	3.2	6
85	Asymmetric Aza-Diels-Alder Reaction with Ion-Paired-Iron Lewis Acid-Brønsted Acid Catalyst. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 8987-8991	4.8	9
84	Cationic Cobalt Porphyrin-Catalyzed Allylation of Aldehydes with Allyltrimethylsilanes. <i>Organic Letters</i> , <b>2019</b> , 21, 3834-3837	6.2	7
83	Asymmetric Cycloetherification of in Situ Generated Cyanohydrins through the Concomitant Construction of Three Chiral Carbon Centers. <i>Organic Letters</i> , <b>2019</b> , 21, 2156-2160	6.2	11

82	Asymmetric syn-1,3-Dioxane Construction via Kinetic Resolution of Secondary Alcohols Using Chiral Phosphoric Acid Catalysts. <i>Asian Journal of Organic Chemistry</i> , <b>2019</b> , 8, 814-818	3	4
81	Diastereoselective Synthesis of 1,3-Oxazolidines via Cationic Iron Porphyrin-catalyzed Cycloaddition of Aziridines with Aldehydes. <i>Organic Letters</i> , <b>2019</b> , 21, 2593-2596	6.2	17
80	Organocatalytic Enantio- and Diastereoselective Construction of syn-1,3-Diol Motifs via Dynamic Kinetic Resolution of In Situ Generated Chiral Cyanohydrins. <i>Organic Letters</i> , <b>2019</b> , 21, 2688-2692	6.2	13
79	Nickel-Catalyzed [5+2] Cycloaddition of 10 $\pi$ -Electron Aromatic Benzothiophenes with Alkynes To Form Thermally Metastable 12 $\pi$ -Electron Nonaromatic Benzothiepines. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 12541-12544	16.4	16
78	Enantioselective bromination of axially chiral cyanoarenes in the presence of bifunctional organocatalysts.. <i>RSC Advances</i> , <b>2019</b> , 9, 31654-31658	3.7	9
77	Kinetic Resolution of Acylsilane Cyanohydrins via Organocatalytic Cycloetherification. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 116-120	4.5	7
76	A Protocol for an Iodine-Metal Exchange Reaction on Cubane Using Lithium Organozincates. <i>Organic Letters</i> , <b>2019</b> , 21, 473-475	6.2	10
75	Copper-Catalyzed Direct and Stereoselective Synthesis of Conjugated Enynes from Allenols. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 39-43	5.6	6
74	Molecular Transformations Using Bis(iodozincio)methane—The Role of Chelation in Main Group Organometallic Chemistry. <i>Bulletin of the Chemical Society of Japan</i> , <b>2018</b> , 91, 82-86	5.1	3
73	Ligand-controlled Behavior of Ag(I)–Complex as $\sigma$ -Lewis Acid. <i>Chemistry Letters</i> , <b>2018</b> , 47, 532-535	1.7	3
72	trans-Cyclooctenes as Halolactonization Catalysts. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 14059-14063	3.6	3
71	Nickel-catalyzed intermolecular carbiodination of alkynes with aryl iodides. <i>Chemical Communications</i> , <b>2018</b> , 54, 12750-12753	5.8	31
70	FeCl as an Ion-Pairing Lewis Acid Catalyst. Formation of Highly Lewis Acidic FeCl and Thermodynamically Stable FeCl To Catalyze the Aza-Diels-Alder Reaction with High Turnover Frequency. <i>Organic Letters</i> , <b>2018</b> , 20, 7474-7477	6.2	15
69	trans-Cyclooctenes as Halolactonization Catalysts. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 13863-13867	16.4	19
68	Catalytic Approaches to Optically Active 1,5-Benzothiazepines. <i>ACS Catalysis</i> , <b>2018</b> , 8, 6273-6282	13.1	14
67	Asymmetric Cycloetherification by Bifunctional Organocatalyst. <i>Synthesis</i> , <b>2018</b> , 50, 4243-4253	2.9	6
66	"Naked" Lithium Cation: Strongly Activated Metal Cations Facilitated by Carborane Anions. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 1931-1935	4.2	29
65	Induction of Axial Chirality in 8-Arylquinolines through Halogenation Reactions Using Bifunctional Organocatalysts. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 9996-10000	4.8	38

64	Preparation of Organozinc Reagents via Catalyst Controlled Three-Component Coupling between Alkyne, Iodoarene, and Bis(iodozincio)methane. <i>Organic Letters</i> , <b>2017</b> , 19, 3335-3337	6.2	5
63	Bifunctional organocatalysts for the asymmetric synthesis of axially chiral benzamides. <i>Beilstein Journal of Organic Chemistry</i> , <b>2017</b> , 13, 1518-1523	2.5	7
62	Asymmetric Net Cycloaddition for Access to Diverse Substituted 1,5-Benzothiazepines. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 12655-12668	4.2	22
61	Organocatalytic enantio- and diastereoselective cycloetherification via dynamic kinetic resolution of chiral cyanohydrins. <i>Nature Communications</i> , <b>2017</b> , 8, 1397	17.4	26
60	Asymmetric Cycloetherification via the Kinetic Resolution of Alcohols Using Chiral Phosphoric Acid Catalysts. <i>Chemistry Letters</i> , <b>2016</b> , 45, 1300-1303	1.7	10
59	The Chemistry of Bis-Aluminated Compounds <b>2016</b> , 1-18		
58	A chiral phosphoric acid catalyst for asymmetric construction of 1,3-dioxanes. <i>Chemical Communications</i> , <b>2015</b> , 51, 11693-6	5.8	19
57	Facile net cycloaddition approach to optically active 1,5-benzothiazepines. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 5320-3	16.4	98
56	Bifunctional organocatalysts for the enantioselective synthesis of axially chiral isoquinoline N-oxides. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 6766-9	16.4	105
55	Ruthenium-Porphyrin-Catalyzed [4 + 2] Cycloaddition of $\beta$ -Unsaturated Imines and Aldehydes. <i>Organic Letters</i> , <b>2015</b> , 17, 5284-7	6.2	14
54	A Triphenylamine with Two Phenoxy Radicals Having Unusual Bonding Patterns and a Closed-Shell Electronic State. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 8267-70	16.4	7
53	Diastereoselective Reduction of $\alpha$ -(1,3-Dioxan-4-yl)ketones. <i>Synlett</i> , <b>2015</b> , 26, 1872-1874	2.2	7
52	Asymmetric Synthesis of Spiroketal with Aminothiourea Catalysts. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 15497-500	16.4	43
51	Asymmetric Synthesis of Spiroketal with Aminothiourea Catalysts. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 15713-15720	16.4	43
50	Nickel-Catalyzed Reactions Directed toward the Formation of Heterocycles. <i>Accounts of Chemical Research</i> , <b>2015</b> , 48, 1703-16	24.3	43
49	Preparation of an Arenylmethylzinc Reagent with Functional Groups by Chemoselective Cross-Coupling Reaction of Bis(iodozincio)methane with Iodoarenes. <i>Synlett</i> , <b>2015</b> , 26, 2395-2398	2.2	3
48	Organozinc Reagents in a Flow-microreactor From Methylenation to Asymmetric Autocatalysis $\square$ <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2015</b> , 73, 435-441	0.2	2
47	Asymmetric chroman synthesis via an intramolecular oxy-Michael addition by bifunctional organocatalysts. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 119-22	3.9	54

46	Asymmetric oxy-Michael addition to $\beta$ -hydroxy- $\alpha$ -unsaturated carbonyls using formaldehyde as an oxygen-centered nucleophile. <i>Organic Letters</i> , <b>2014</b> , 16, 6264-6	6.2	35
45	Asymmetric isomerization of $\beta$ -hydroxy- $\alpha$ -unsaturated thioesters into $\beta$ -mercaptolactones by a bifunctional aminothiourea catalyst. <i>Organic Letters</i> , <b>2014</b> , 16, 2184-7	6.2	34
44	Rhodium(III) Porphyrin-catalyzed Reactions via Activation of Alkynes. <i>Chemistry Letters</i> , <b>2014</b> , 43, 1937-1939	3	
43	Cobalt Porphyrin Catalyzed [3+2] Cycloaddition of Cyclopropanes and Carbonyl Compounds. <i>Synlett</i> , <b>2014</b> , 25, 2005-2008	2.2	7
42	Lithium(1+)-Catalyzed Nazarov-Type Cyclization of 1-Arylbuta-2,3-dien-1-ols: Synthesis of Benzofulvene Derivatives. <i>Synlett</i> , <b>2014</b> , 25, 2067-2071	2.2	11
41	Design of Molecular Transformations Based on the Concerted Function of Two Zinc Atoms in Bis(iodozincio)methane. <i>Synlett</i> , <b>2014</b> , 25, 2831-2841	2.2	7
40	Preparation of the Zinc Enolate Equivalent of Amides by Zinciomethylation of Isocyanates: Catalytic Asymmetric Reformatsky-Type Reaction. <i>Synthesis</i> , <b>2014</b> , 46, 2272-2282	2.9	6
39	Regio- and Diastereoselective Nickel-Catalyzed Cycloaddition of Activated Cyclopropanes with Allenes. <i>Synlett</i> , <b>2014</b> , 25, 2281-2284	2.2	12
38	Asymmetric indoline synthesis via intramolecular aza-Michael addition mediated by bifunctional organocatalysts. <i>Organic Letters</i> , <b>2013</b> , 15, 3658-61	6.2	74
37	Procedure-controlled enantioselectivity switch in organocatalytic 2-oxazolidinone synthesis. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 12160-3	16.4	72
36	Theoretical Mechanistic Study of Novel Ni(0)-Catalyzed [6 $\pi$ + 2] Cycloaddition Reactions of Isatoic Anhydrides with Alkynes: Origin of Facile Decarboxylation. <i>Organometallics</i> , <b>2013</b> , 32, 7564-7574	3.8	23
35	Asymmetric Cycloetherifications by Bifunctional Aminothiourea Catalysts: The Importance of Hydrogen Bonding. <i>Synthesis</i> , <b>2013</b> , 45, 1627-1634	2.9	33
34	[3+2] Cycloaddition of Aziridines and Alkenes Catalyzed by a Cationic Manganese Porphyrin. <i>Synlett</i> , <b>2013</b> , 24, 2763-2767	2.2	11
33	Cationic Iron(III) Porphyrin Catalyzed Dehydrative Friedel-Crafts Reaction of Alcohols with Arenes. <i>Synlett</i> , <b>2013</b> , 24, 2148-2152	2.2	8
32	Nickel-catalyzed Decarbonylative and Decarboxylative Cycloaddition of Isatoic Anhydrides with Alkynes. <i>Chemistry Letters</i> , <b>2013</b> , 42, 1238-1240	1.7	12
31	Iron Corrole-catalyzed [4 + 2] Cycloaddition of Dienes and Aldehydes. <i>Chemistry Letters</i> , <b>2013</b> , 42, 1241-1243	1.7	19
30	Asymmetric Synthesis of 1,3-Oxazolidines via Intramolecular Aza-Michael Addition by Bifunctional Organocatalysts. <i>Chemistry Letters</i> , <b>2013</b> , 42, 355-357	1.7	38
29	Copper-catalyzed 1,4-Addition Reaction of Grignard Reagent to Enones Using Microflow System. <i>Chemistry Letters</i> , <b>2013</b> , 42, 471-472	1.7	3

28	Nickel-catalyzed Decarbonylative Polymerization of 5-Alkynylphthalimides: A New Methodology for the Preparation of Polyheterocycles. <i>Chemistry Letters</i> , <b>2012</b> , 41, 1566-1568	1.7	1
27	Rapid Preparation of Cycloheptane Ring from 1,2-Diketone and Bis(iodozincio)methane via Oxy-Cope Rearrangement Using Microflow System. <i>Chemistry Letters</i> , <b>2012</b> , 41, 628-629	1.7	7
26	Nickel-catalyzed Cycloaddition of $\beta$ -Unsaturated Oximes with Alkynes: Synthesis of Highly Substituted Pyridine Derivatives. <i>Chemistry Letters</i> , <b>2012</b> , 41, 1498-1499	1.7	22
25	Manganese porphyrin catalyzed cycloisomerization of enynes. <i>Organic Letters</i> , <b>2012</b> , 14, 3008-11	6.2	27
24	Organocatalytic asymmetric oxy-Michael addition to a $\beta$ -hydroxy- $\alpha$ -unsaturated thioester via hemiacetal intermediates. <i>Chemical Communications</i> , <b>2012</b> , 48, 5076-8	5.8	55
23	Cobalt(III) porphyrin catalyzed aza-Diels-Alder reaction. <i>Organic Letters</i> , <b>2012</b> , 14, 4794-7	6.2	31
22	Asymmetric synthesis of 1,3-dioxolanes by organocatalytic formal [3 + 2] cycloaddition via hemiacetal intermediates. <i>Organic Letters</i> , <b>2012</b> , 14, 1620-3	6.2	71
21	Cationic iron(III) porphyrin-catalyzed [4 + 2] cycloaddition of unactivated aldehydes with simple dienes. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 5512-5	16.4	69
20	Asymmetric catalytic cycloetherification mediated by bifunctional organocatalysts. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 16711-3	16.4	125
19	Transition of Methylenation Reaction-The Outcome of "Ingredients of Cauldron". <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2007</b> , 65, 194-203	0.2	1
18	Transition-metal-catalyzed sequential cross-coupling of bis(iodozincio)methane and -ethane with two different organic halides. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 721-6	4.8	16
17	Rubidium and Cesium in Organic Synthesis <b>2005</b> , 35-50		
16	Palladium-catalyzed decarboxylation and decarbonylation under hydrothermal conditions: decarboxylative deuteration. <i>Organic Letters</i> , <b>2004</b> , 6, 2071-3	6.2	96
15	Bis(iodozincio)methane as a synthetic tool.. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , <b>2003</b> , 79B, 71-77	4	13
14	Stereocontrolled addition of enolates to chiral 2-acyl-1,3-oxathiane derivatives. <i>Chirality</i> , <b>2003</b> , 15, 38-40.	0.1	10
13	Stereoselective pinacol-type rearrangement of 2,3-epoxy alcohols with retention of configuration mediated by bis(iodozincio)methane. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 2837-40	16.4	27
12	Fullerene and Sulfur Compounds. <i>Materials Transactions</i> , <b>2002</b> , 43, 1530-1532	1.3	7
11	Ingredients of the Soup in the Chemists' Cauldron: Structural Analysis of Organometallics in the Solution by X-ray.. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2002</b> , 60, 383-388	0.2	0

10	Triethylborane-induced radical reactions with gallium hydride reagent HGaCl <sub>2</sub> . <i>Organic Letters</i> , <b>2001</b> , 3, 1853-5	6.2	56
9	Palladium-catalyzed cross-coupling reaction of organoindiums with aryl halides in aqueous media. <i>Organic Letters</i> , <b>2001</b> , 3, 1997-9	6.2	97
8	Remarkable rate acceleration of Pd(0)-catalyzed hydrogermylation of alkynes and dienes in water. <i>Organic Letters</i> , <b>2001</b> , 3, 2521-4	6.2	37
7	Triethylborane-induced bromine atom-transfer radical addition in aqueous media: study of the solvent effect on radical addition reactions. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 7776-85	4.2	92
6	Samarium Diiodide-Mediated Reaction of Organic Halides with Carbonyl Compounds.. Yuki Gosei <i>Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , <b>1998</b> , 56, 908-918	0.2	6
5	Sm-vermittelte, hochstereoselektive Reaktionen von 1,1-Dihalogenalkanen mit Aldehyden □ Herstellung eines chiralen βodethyl-Synthesebausteins aus 1,1-Diodetha. <i>Angewandte Chemie</i> , <b>1997</b> , 109, 631-633	3.6	4
4	Ytterbium tricyanide: Preparation and catalytic activity for the addition of cyanotrimethylsilane to carbonyl compounds. <i>Applied Organometallic Chemistry</i> , <b>1995</b> , 9, 413-419	3.1	9
3	1,1-Bismetallated Species641-683		5
2	Olefination of Carbonyl Compounds by Zinc and Chromium Reagents200-222		2
1	[4 + 2] and [3 + 2] Cycloaddition via Metallacycles221-340		