## Yasunori Yamamoto

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cationic Iridiumâ€Catalyzed Asymmetric Decarbonylative Aryl Addition of Aromatic Aldehydes to Bicyclic Alkenes. Chemistry - A European Journal, 2022, 28, .	3.3	5
2	Cationic Iridiumâ€Catalyzed Asymmetric Decarbonylative Aryl Addition of Aromatic Aldehydes to Bicyclic Alkenes. Chemistry - A European Journal, 2022, 28, e202200317.	3.3	0
3	Diastereo- and Enantioselective Intramolecular 1,6-C–H Insertion Reaction of Diaryldiazomethanes Catalyzed by Chiral Dirhodium(II) Carboxylates. Heterocycles, 2021, 103, 1078.	0.7	0
4	Synthesis of Boron Nitride Nanotubes Using Plasma-Assisted CVD Catalyzed by Cu Nanoparticles and Oxygen. Nanomaterials, 2021, 11, 651.	4.1	8
5	Suzuki–Miyaura Catalyst-Transfer Polycondensation of Triolborate-Type Carbazole Monomers. Polymers, 2021, 13, 4168.	4.5	3
6	Suzuki–Miyaura catalyst-transfer polycondensation of triolborate-type fluorene monomer: toward rapid access to polyfluorene-containing block and graft copolymers from various macroinitiators. Polymer Chemistry, 2020, 11, 6832-6839.	3.9	15
7	A molten metal jet impingement on a flat spreading surface. Journal of Nuclear Science and Technology, 2020, 57, 1111-1120.	1.3	6
8	Cationic Iridium/Chiral Bisphosphine atalyzed Enantioselective Hydroacylation of Ketones. Chemistry - an Asian Journal, 2020, 15, 1858-1862.	3.3	5
9	Decarbonylation through Aldehydic C–H Bond Cleavage by a Cationic Iridium Catalyst. Synlett, 2019, 30, 972-976.	1.8	6
10	Iridium atalyzed Direct Asymmetric Alkylation of Aniline Derivatives using 2â€Norbornene. Asian Journal of Organic Chemistry, 2018, 7, 1054-1056.	2.7	16
11	Research activities on nuclear reactor physics and thermal-hydraulics in Japan after Fukushima-Daiichi accident. Journal of Nuclear Science and Technology, 2018, 55, 575-598.	1.3	20
12	Asymmetric Hydroarylation of Unsaturated Bond via C-H Functionalization by Cationic Iridium/Bisphosphoramidite Catalyst. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2018, 76, 604-614.	0.1	2
13	Transition-metal-catalyzed Reactions of Cyclic Triolborate Salts. , 2018, , 157-200.		0
14	Synthesis of Acylborons by Ozonolysis of Alkenylboronates: Preparation of an Enantioenriched Amino Acid Acylboronate. Angewandte Chemie - International Edition, 2017, 56, 13847-13851.	13.8	64
15	Stereoselective Construction of Spiro-Fused Tricyclic Frameworks by Sequential Reaction of Enynes, Imines, and Diazoalkenes with Rh(I) and Rh(II) Catalysts. Journal of Organic Chemistry, 2016, 81, 7847-7854.	3.2	10
16	Rhodium atalyzed Enantioselective Arylation of Aliphatic Imines. Chemistry - A European Journal, 2016, 22, 7739-7742.	3.3	21
17	Cationic Iridium/Sâ€Meâ€BIPAMâ€Catalyzed Direct Asymmetric Intermolecular Hydroarylation of Bicycloalkenes. Angewandte Chemie - International Edition, 2015, 54, 9894-9897.	13.8	81
18	Ruthenium–Me-BIPAM-catalyzed addition reaction of aryl-boronic acids to benzofuran-2,3-diones for the enantioselective synthesis of 3-aryl-3-hydroxybenzofuran-2-ones. Tetrahedron: Asymmetry, 2015, 26, 1430-1435.	1.8	10

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19	Scope and Mechanistic Studies of the Cationic Ir/Me-BIPAM-Catalyzed Asymmetric Intramolecular Direct Hydroarylation Reaction. Organometallics, 2015, 34, 3459-3463.	2.3	24
20	Enantioselective addition of arylboronic acids to methyl 2-formylbenzoates by using a ruthenium/Me-BIPAM catalyst for synthesis of chiral 3-aryl-isobenzofuranones. Organic and Biomolecular Chemistry, 2015, 13, 10874-10880.	2.8	29
21	Cationic Ir/Meâ€BIPAM atalyzed Asymmetric Intramolecular Direct Hydroarylation of αâ€Ketoamides. Angewandte Chemie - International Edition, 2014, 53, 2658-2661.	13.8	47
22	Tetrabutylammonium 2-Pyridyltriolborate Salts for Suzuki–Miyaura Cross-Coupling Reactions with Aryl Chlorides. Organic Letters, 2013, 15, 4308-4311.	4.6	48
23	An N-Linked Bidentate Phosphoramidite Ligand (N-Me-BIPAM) for Rhodium-Catalyzed Asymmetric 1,4-Addition of Arylboronic Acids to α,β-Unsaturated Ketones. Molecules, 2013, 18, 14-26.	3.8	59
24	Cross-Coupling Reaction with Lithium Methyltriolborate. Molecules, 2013, 18, 430-439.	3.8	11
25	Asymmetric Addition Reactions of Organoboron Compounds Using Bidentate Phosphoramidite Ligand. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2013, 71, 716-727.	0.1	2
26	Asymmetric addition of arylboronic acids to glyoxylate catalyzed by a ruthenium/Me-BIPAM complex. Chemical Communications, 2012, 48, 2803.	4.1	38
27	Cyclic Triolborate Salts: Novel Reagent for Organic Synthesis. Heterocycles, 2012, 85, 799.	0.7	21
28	Meâ€BIPAM for the Synthesis of Optically Active 3â€Arylâ€3â€hydroxyâ€2â€oxindoles by Rutheniumâ€catalyzed Addition of Arylboronic Acids to Isatins. Chemistry - an Asian Journal, 2012, 7, 2446-2449.	3.3	36
29	Pd/Josiphos-Catalyzed Enantioselective α-Arylation of Silyl Ketene Acetals and Mechanistic Studies on Transmetalation and Enantioselection. Organometallics, 2011, 30, 6323-6327.	2.3	37
30	Enantioselective Synthesis of Arylglycine Derivatives by Asymmetric Addition of Arylboronic Acids to Imines. Australian Journal of Chemistry, 2011, 64, 1447.	0.9	28
31	Ru/Me-BIPAM-Catalyzed Asymmetric Addition of Arylboronic Acids to Aliphatic Aldehydes and α-Ketoesters. Molecules, 2011, 16, 5020-5034.	3.8	60
32	Direct Conversion of Pinacol Arylboronic Esters to Aryl Triolborates. Chemistry Letters, 2011, 40, 702-704.	1.3	12
33	Cross-coupling Reactions of Organoboranes: An Easy Method for C–C Bonding. Chemistry Letters, 2011, 40, 894-901.	1.3	147
34	Rhodiumâ€Catalyzed 1,4â€Addition of Lithium 2â€Furyltriolborates to Unsaturated Ketones and Esters for Enantioselective Synthesis of γâ€Oxoâ€Carboxylic Acids By Oxidation of the Furyl Ring with Ozone. Chemistry - an Asian Journal, 2011, 6, 932-937.	3.3	28
35	Double-coupling of dibromo arenes with aryltriolborates for synthesis of diaryl-substituted planar frameworks. Tetrahedron, 2011, 67, 6804-6811.	1.9	23
36	Synthesis of Tetra-ortho-Substituted Biaryls Using Aryltriolborates. Synlett, 2011, 2011, 1769-1773.	1.8	12

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37	SYNTHESIS OF LITHIUM 2-PYRIDYLTRIOLBORATE AND ITS CROSS-COUPLING REACTION WITH ARYL HALIDES. Organic Syntheses, 2011, 88, 79.	1.0	5
38	Palladium-Catalyzed Cross-Coupling Reaction of Heteroaryltriolborates with Aryl Halides for Synthesis of Biaryls. Heterocycles, 2010, 80, 359.	0.7	20
39	Rhodium-Catalyzed Asymmetric 1,4-Addition of Heteroaryl Cyclic Triolborate to α,β-Unsaturated Carbonyl Compounds. Synlett, 2009, 2009, 994-998.	1.8	10
40	An <i>N</i> â€Linked Bidentate Phosphoramidite Ligand ( <i>Nâ€</i> Meâ€BIPAM) for Rhodiumâ€Catalyzed Asymmetric Addition of Arylboronic Acids to <i>Nâ€</i> Sulfonylarylaldimines. Advanced Synthesis and Catalysis, 2009, 351, 260-270.	4.3	82
41	Meâ€bipam for Enantioselective Ruthenium(II)â€Catalyzed Arylation of Aldehydes with Arylboronic Acids. Angewandte Chemie - International Edition, 2009, 48, 4414-4416.	13.8	131
42	Effect of Ambient Gas and Temperature on Crystallization of Boron Nitride Spheres Prepared by Vapor Phase Pyrolysis of Ammonia Borane. Journal of the American Ceramic Society, 2009, 92, 787-792.	3.8	21
43	A chiral bidentate phosphoramidite (Me-BIPAM) for Rh-catalyzed asymmetric hydrogenation of α-dehydroamino esters, enamides, and dimethyl itaconate. Tetrahedron Letters, 2009, 50, 3158-3160.	1.4	30
44	γ-Selective Cross-Coupling Reactions of Potassium Allyltrifluoroborates with Haloarenes Catalyzed by a Pd(0)/D- <i>t</i> -BPF or Pd(0)/Josiphos (( <i>R,S</i> )-CyPF- <i>t</i> -Bu) Complex: Mechanistic Studies on Transmetalation and Enantioselection. Organometallics, 2009, 28, 152-160.	2.3	79
45	Cyclic Triolborates: Air―and Waterâ€Stable Ate Complexes of Organoboronic Acids. Angewandte Chemie - International Edition, 2008, 47, 928-931.	13.8	212
46	Practical synthesis of pinacolborane for one-pot synthesis of unsymmetrical biaryls via aromatic C–H borylation–cross-coupling sequence. Tetrahedron, 2008, 64, 4967-4971.	1.9	41
47	Aryl Triolborates: Novel Reagent for Copperâ€Catalyzed Nâ€Arylation of Amines, Anilines, and Imidazoles. Chemistry - an Asian Journal, 2008, 3, 1517-1522.	3.3	57
48	Preparation of h-BN nano-tubes, -bamboos, and -fibers from borazine oligomer with alumina porous template. Materials Research Bulletin, 2008, 43, 251-256.	5.2	24
49	1,4-Additions of arylboron, -silicon, and -bismuth compounds to α,β-unsaturated carbonyl compounds catalyzed by dicationic palladium(II) complexes. Pure and Applied Chemistry, 2008, 80, 807-817.	1.9	64
50	Preparation and Characterization of BN Nanotubes with Controllable Sizes by Template-aided Synthesis. Materials Research Society Symposia Proceedings, 2008, 1081, 1.	0.1	1
51	Asymmetric 1,4-Addition of Arylboronic Acids to α,β-Unsaturated Esters Catalyzed by Dicationic Palladium(II)-Chiraphos Complex for Short-Step Synthesis of SmithKline Beecham's Endothelin Receptor Antagonist. Synlett, 2008, 2008, 2487-2490.	1.8	9
52	Stepwise Palladium-Catalyzed 1,4-Addition of Arylboronic Acids to Enones and Regioselective Baeyer–Villiger Oxidation for Enantioselective Synthesis of β-Diaryl Esters and (+)-( <i>R</i> )-Tolterodine. Bulletin of the Chemical Society of Japan, 2008, 81, 1019-1025.	3.2	24
53	Metal-Catalyzed Reactions of Organoboron Compounds in Organic Syntheses. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2008, 66, 194-204.	0.1	6
54	Highly Ordered Boron Nitride Nanotube Arrays with Controllable Texture from Ammonia Borane by Template-Aided Vapor-Phase Pyrolysis. Journal of Nanomaterials, 2008, 2008, 1-7.	2.7	8

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55	Tandem Conjugate Addition-Aldol Cyclization to give Optically Active 1-Aryl-1 <i>H</i> -indenes via Asymmetric Pd <sup>2+</sup> -Catalyzed 1,4-Addition of Aryl-boronic Acids. Synlett, 2007, 2007, 3055-3057.	1.8	3
56	Asymmetric 1,4-Addition of Arylboronic Acids to α,β-Unsaturated <i>N</i> -Acylamides Catalyzed by Dicationic Palladium(II)–( <i>S</i> , <i>S</i> )-Chiraphos Complex. Chemistry Letters, 2007, 36, 1442-1443.	1.3	36
57	Palladium(II)â€Catalyzed 1,4â€Addition of Arylboronic Acids to βâ€Arylenones for Enantioselective Synthesis of 4â€Arylâ€4 <i>H</i> â€chromenes. Advanced Synthesis and Catalysis, 2007, 349, 1759-1764.	4.3	94
58	Palladium(II)-catalyzed 1,4-addition of arylboronic acids to β-arylenals for enantioselective syntheses of 3,3-diarylalkanals: a short synthesis of (+)-(R)-CDP 840. Tetrahedron Letters, 2007, 48, 4007-4010.	1.4	56
59	Enantioselective 1,4-addition of arylboronic acids to α,β-unsaturated carbonyl compounds catalyzed by rhodium(I)-chiral phosphoramidite complexes. Journal of Organometallic Chemistry, 2007, 692, 428-435.	1.8	70
60	Rhodium(I)- or Palladium(II)-Catalyzed 1,4-Additions of Organoboron, -silicon and -bismuth Compounds to Electron-deficient Alkenes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2006, 64, 1112-1121.	0.1	37
61	Asymmetric Cross-coupling of Potassium 2-Butenyltrifluoroborates with Aryl and 1-Alkenyl Bromides Catalyzed by a Pd(OAc)2/Josiphos Complex. Chemistry Letters, 2006, 35, 1368-1369.	1.3	49
62	Î <sup>3</sup> -Selective Cross-coupling of Potassium Allyltrifluoroborates with Aryl and 1-Alkenyl Bromides Catalyzed by a Pd(OAc)2/D-t-BPF Complex. Chemistry Letters, 2006, 35, 704-705.	1.3	59
63	Synthesis of B-trisubstituted borazines via the rhodium-catalyzed hydroboration of alkenes with N,N′,N″-trimethyl or N,N′,N″-triethylborazine. Journal of Organometallic Chemistry, 2006, 691, 4909-49	17 <sup>8</sup> .	41
64	1,4-Addition of arylboronic acids to β-aryl-α,β-unsaturated ketones and esters catalyzed by a rhodium(I)–chiraphos complex for catalytic and enantioselective synthesis of selective endothelin A receptor antagonists. Tetrahedron, 2006, 62, 9610-9621.	1.9	56
65	Enantioselective 1,4-Addition of Ar3Bi, [ArBF3]K, and ArSiF3 to Enones Catalyzed by a Dicationic Palladium(II)—Chiraphos or —Dipamp Complex ChemInform, 2006, 37, no.	0.0	0
66	Chiral Bis-phosphoramidites Based on Linked-BINOL for Rhodium-Catalyzed 1,4-Addition of Arylboronic Acids to α,β-Unsaturated Carbonyl Compounds ChemInform, 2006, 37, no.	0.0	0
67	Asymmetric 1,4-Addition of Potassium Aryltrifluoroborates [ArBF3]K to Enones Catalyzed by Dicationic Palladium(II) Complexes. Chemistry Letters, 2005, 34, 720-721.	1.3	53
68	Chiral Bis-phosphoramidites Based on Linked-BINOL for Rhodium-catalyzed 1,4-Addition of Arylboronic Acids to α,β-Unsaturated Carbonyl Compounds. Chemistry Letters, 2005, 34, 1224-1225.	1.3	39
69	Asymmetric 1,4-Addition of Triarylbismuths to Enones Catalyzed by Dicationic Palladium(II) Complexes ChemInform, 2005, 36, no.	0.0	0
70	Asymmetric 1,4-Addition of Potassium Aryltrifluoroborates [ArBF3]K to Enones Catalyzed by Dicationic Palladium(II) Complexes ChemInform, 2005, 36, no.	0.0	0
71	Enantioselective 1,4-Addition of Ar3Bi, [ArBF3]K, and ArSiF3to Enones Catalyzed by a Dicationic Palladium(II)â^'Chiraphos or â^'Dipamp Complex. Organometallics, 2005, 24, 5025-5032.	2.3	103
72	Iridium-catalyzed hydroboration of alkenes with pinacolborane. Tetrahedron, 2004, 60, 10695-10700.	1.9	159

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73	1,4-Addition of Arylboronic Acids and Arylsiloxanes to α,β-Unsaturated Carbonyl Compounds via Transmetalation to Dicationic Palladium(II) Complexes. Organometallics, 2004, 23, 4317-4324.	2.3	167
74	Asymmetric 1,4-addition of triarylbismuths to enones catalyzed by dicationic palladium(ii) complexes. Chemical Communications, 2004, , 1822.	4.1	47
75	Intramolecular Allylboration of γ-(ω-Formylalkoxy)allylboronates for Syntheses of trans- or cis-2-(Ethenyl)tetrahydropyran-3-ol and 2-(Ethenyl)oxepan-3-ol ChemInform, 2003, 34, no.	0.0	Ο
76	Conjugate Addition of Aryl Boronic Acids to Enones Catalyzed by Cationic Palladium(II)—Phosphane Complexes ChemInform, 2003, 34, no.	0.0	0
77	1,4-Addition of Arylsiloxanes to Enones Catalyzed by Dicationic Palladium(II) Complexes in Aqueous Media ChemInform, 2003, 34, no.	0.0	0
78	Conjugate Addition of Aryl Boronic Acids to Enones Catalyzed by Cationic Palladium(II)–Phosphane Complexes. Angewandte Chemie - International Edition, 2003, 42, 2768-2770.	13.8	178
79	Intramolecular allylboration of γ-(ω-formylalkoxy)allylboronates for syntheses of trans- or cis-2-(ethenyl)tetrahydropyran-3-ol and 2-(ethenyl)oxepan-3-ol. Tetrahedron, 2003, 59, 537-542.	1.9	40
80	1,4-Addition of Arylsiloxanes to Enones Catalyzed by Dicationic Palladium(II) Complexes in Aqueous Media. Chemistry Letters, 2003, 32, 752-753.	1.3	45
81	Synthesis of Functionalized Allylsilicone Compounds via Rhodium-Catalyzed Conjugate Addition of (É)- or (Z)-[3-Trimethylsilyl-1-propenyl]boronic Acids to Enones. Synlett, 2002, 2002, 0767-0768.	1.8	19
82	Inter- and Intramolecular Additions of 1-Alkenylboronic Acids or Esters to Aldehydes and Ketones Catalyzed by Rhodium(I) Complexes in Basic, Aqueous Solutions. Synlett, 2002, 2002, 1733-1735.	1.8	2
83	Synthesis of Pinacol Allylic Boronic Esters via Olefin Cross-Metathesis between Pinacol Allylboronate and Terminal or Internal Alkenes. Synlett, 2002, 2002, 0128-0130.	1.8	28
84	Rhodium- or Iridium-Catalyzedtrans-Hydroboration of Terminal Alkynes, Giving (Z)-1-Alkenylboron Compounds. Journal of the American Chemical Society, 2000, 122, 4990-4991.	13.7	337
85	Stereoselective Isomerization of Unsymmetrical Diallyl Ethers to Allyl ( <i>E</i> )-Vinyl Ethers by a Cationic Iridium Catalyst. Synthetic Communications, 2000, 30, 2383-2391.	2.1	23
86	lridium-Catalyzed Dimerization of Terminal Alkynes to (E)-Enynes, (Z)-Enynes, or 1,2,3-Butatrienes. Organometallics, 2000, 19, 365-367.	2.3	102
87	Synthesis of Chiral Esters of (E)-3-(Silyloxy)-2-propenylboronic Acid via the Iridium-Catalyzed Isomerization of the Double Bond. Journal of Organic Chemistry, 1999, 64, 296-298.	3.2	84
88	Stereoselective Synthesis of Silyl Enol Ethers via the Iridium-Catalyzed Isomerization of Allyl Silyl Ethers. Organometallics, 1999, 18, 413-416.	2.3	69
89	A Regio- and Stereoselective Platinum(0)-Catalyzed Hydroboration of Allenes Controlled by Phosphine Ligands. Chemistry Letters, 1999, 28, 1069-1070.	1.3	72
90	A stereoselective isomerization of allyl silyl ethers to (E)- or (Z)-silyl enol ethers using cationic iridium complexes. Chemical Communications, 1998, , 1337-1338.	4.1	43

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91	Enantioselective Synthesis of Ipsenol and Ipsdienol Using a (2-Bromoallyl)borane Derivative. Synthetic Communications, 1997, 27, 1029-1036.	2.1	5
92	Enantioselective Synthesis of Quaternary Carbon in Homoallylic Alcohols by the Reaction of Tartrate Ester Derivatives of 3,3-Disubstituted Allylborane with Aldehydes. Synlett, 1996, 1996, 883-884.	1.8	19
93	The Asymmetric Synthesis of 2-Bromohomoallylic Alcohols Using the Tartrate Ester of (2-Bromoallyl)boronic Acid Prepared by Bromoboration Reaction of Allene. Synlett, 1994, 1994, 639-640.	1.8	9
94	A stereoselective synthesis of 3,3-disubstituted allylborane derivatives using haloboration reaction and their application for the diastereospecific synthesis of homoallylic alcohols having quaternary carbon. Tetrahedron Letters, 1993, 34, 7071-7074.	1.4	40
95	Cationic Iridium/Chiral Bidentate Phosphoramidite Catalyzed Asymmetric Hydroarylation. Synthesis, 0,	2.3	2