Miki Murata

List of Publications by Year
in descending order

81 papers	4,515 citations	218677 26 h-index	102487 66 g-index
111 all docs	111 docs citations	111 times ranked	3571 citing authors

#	Article	IF	Citations
1	Controlled Cationic Polymerization of Sulfide-Containing Vinyl Ethers. Macromolecular Research, 2022, 30, 16.	2.4	3
2	Organocatalyzed Asymmetric Aldol Reaction of Î±-Keto Amides with A Tripeptide Catalyst. Synlett, 2021, 32, 829-832.	1.8	3
3	Hot-water Treatment of Japanese Peppermint Dried Powder Toward the Application of Natural Food Coloring. Bunseki Kagaku, 2021, 70, 225-230.	0.2	0
4	Single Wavelengths of LED Light Supplement Promote the Biosynthesis of Major Cyclic Monoterpenes in Japanese Mint. Plants, 2021, 10, 1420.	3.5	10
5	Enzyme-assisted Extraction of Bioactive Phytochemicals from Japanese Peppermint (<i>Mentha) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	8
6	Hydrodistillation by Solvent-Free Microwave Extraction of Fresh Japanese Peppermint (<i>Mentha) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	8
7	Conversion and Hydrothermal Decomposition of Major Components of Mint Essential Oil by Small-Scale Subcritical Water Treatment. Molecules, 2020, 25, 1953.	3.8	6
8	Tripeptide-Catalyzed Direct Asymmetric Aldol Reaction of Activated Ketones. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2020, 78, 1174-1183.	0.1	0
9	Tripeptide-Catalyzed Asymmetric Aldol Reaction Between Î±-ketoesters and Acetone Under Acidic Cocatalyst-Free Conditions. Catalysts, 2019, 9, 514.	3.5	2
10	Unnatural tripeptide as highly enantioselective organocatalyst for asymmetric aldol reaction of isatins. Tetrahedron Letters, 2019, 60, 415-418.	1.4	12
11	Preparation of monodisperse fully aromatic polyimide particles via the polycondensation of diethyl hexafluoroisopropylidenediphthalate with 4,4â€²-diaminodiphenylether in ethylene glycol. Polymer Journal, 2019, 51, 405-412.	2.7	4
12	Characteristics of Japanese Mint Extracts Obtained by Subcritical-water Treatment. Food Science and Technology Research, 2019, 25, 695-703.	0.6	5
13	Recovery of Mint Essential Oil through Pressure-releasing Distillation during Subcritical Water Treatment. Food Science and Technology Research, 2019, 25, 793-799.	0.6	3
14	Tripeptide-Catalyzed Asymmetric Aldol Reaction of Trifluoromethylated Aromatic Ketones with Acetone. Heterocycles, 2019, 99, 841.	0.7	5
15	Ruthenium-Catalyzed Functional-Group-Directed C-H Silylation and Borylation. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2019, 77, 876-882.	0.1	1
16	Utilization of the Japanese Peppermint Herbal Water Byproduct of Steam Distillation as an Antimicrobial Agent. Journal of Oleo Science, 2018, 67, 1227-1233.	1.4	16
17	Ruthenium-catalyzed nitrogen-directed ortho C H borylation of aromatic imines with pinacolborane. Tetrahedron Letters, 2018, 59, 2537-2540.	1.4	13
18	Rhodium(I)-Catalyzed Silylation of Aryl Iodides with Di(2-furyl)methylsilane. Heterocycles, 2017, 95, 152.	0.7	0

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19	Siteâ€Selective Aliphatic Câ^'H Silylation of 2â€Alkyloxazolines Catalyzed by Ruthenium Complexes. ChemCatChem, 2016, 8, 2202-2205.	3.7	25
20	Synthesis of Degradable Crosslinked Poly(NBVE) with Imino Group Linkages. Kobunshi Ronbunshu, 2016, 73, 213-220.	0.2	0
21	Synthesis of Dibenzosiloles via Platinum-catalyzed Intramolecular Dehydrogenative Cyclization of 2-(Dialkylsilyl)biaryls. Chemistry Letters, 2016, 45, 857-859.	1.3	17
22	Ruthenium-Catalysed Dehydrogenative Câ€"H Borylation of Arenes with Pinacolborane. Journal of Chemical Research, 2016, 40, 393-396.	1.3	4
23	Rutheniumâ€Catalyzed Dehydrogenative Aromatic Cï£¿H Silylation of Benzamides with Hydrosilanes. Advanced Synthesis and Catalysis, 2015, 357, 2229-2232.	4.3	21
24	Living Cationic Polymerization of Vinyl Ether with a Thienyl Group. Kobunshi Ronbunshu, 2015, 72, 433-439.	0.2	2
25	Preparation of aliphaticâ€"aromatic polyimide particles by polycondensation of diethyl hexafluoroisopropylidenediphthalate and diaminooctane in ethylene glycol. High Performance Polymers, 2015, 27, 183-190.	1.8	9
26	Rutheniumâ€Catalyzed Orthoâ€Selective Aromatic Cï£¿H Borylation of 2â€Arylpyridines with Pinacolborane. ChemCatChem, 2015, 7, 1531-1534.	3.7	30
27	Palladium-Catalyzed Borylation of Aryl Iodides with 2,3-Dihydro-1H-benzo[d][1,3,2]diazaboroles. Heterocycles, 2014, 88, 193.	0.7	3
28	Synthesis of Aryl Triolborates via Nickel-Catalyzed Borylation of Aryl Halides with 5-(tert-Butyldimethylsiloxymethyl)-5-methyl-1,3,2-dioxaborinane. Synthesis, 2012, 44, 1233-1236.	2.3	8
29	Ruthenium-catalyzed Ortho-selective Aromatic Câ€"H Silylation: Acceptorless Dehydrogenative Coupling of Hydrosilanes. Chemistry Letters, 2012, 41, 374-376.	1.3	49
30	Nickel-Catalyzed Borylation of Aryl Halides with 4,4,6-Trimethyl-1,3,2-dioxaborinane. Heterocycles, 2012, 86, 133.	0.7	11
31	Preparation of aliphatic polypyromellitimide particles by polycondensation of nylon-salt-type monomers derived from aliphatic diamines with diethyl pyromellitate in ethylene glycol. High Performance Polymers, 2012, 24, 710-716.	1.8	4
32	Transition-Metal-Catalyzed Borylation of Organic Halides with Hydroboranes. Heterocycles, 2012, 85, 1795.	0.7	44
33	Palladium-catalyzed Borylation of Aryl Arenesulfonates with Dialkoxyboranes. Chemistry Letters, 2011, 40, 962-963.	1.3	16
34	Preparation of monodisperse PMMA particles by dispersion polymerization of MMA using poly(styrene-co-methacrylic acid) copolymer as a steric stabilizer. Polymer Bulletin, 2010, 65, 543-550.	3.3	8
35	Palladium- or Nickel-Catalyzed Coupling Reaction of Dialkoxyboranes with Chloroarenes: Arylation of 1,3,2-Dioxaborolanes or 1,3,2-Dioxaborinanes. Heterocycles, 2010, 80, 213.	0.7	28
36	Transition Metal-catalyzed Silylation of Organic Halides with Hydrosilanes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2010, 68, 845-853.	0.1	10

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37	Preparation of Poly(t-butyl methacrylate)-Polyimide Particles by Dispersion Polymerization of t-Butyl Methacrylate Using Poly(amic acid) as a Stabilizer and Subsequent Imidization. Polymer Journal, 2008, 40, 743-748.	2.7	4
38	Silylation of Aryl Iodides with 1,1,1,3,5,5,5-Heptamethyltrisiloxane Catalyzed by Transition-Metal Complexes. Synlett, 2007, 2007, 1387-1390.	1.8	21
39	4,4,6-Trimethyl-1,3,2-dioxaborinane: A Practical Reagent for Palladium-CatalyzedÂ-Borylation of Aryl Halides. Synthesis, 2007, 2007, 351-354.	2.3	20
40	Synthesis of Organosilatranes via Rhodium(I)-Catalyzed Silylation of Organic Iodides with Hydrosilatrane. Synthesis, 2007, 2007, 2944-2946.	2.3	21
41	Preparation of Nonspherical Polymer Particles with Amino Groups by Polycondensation. Kobunshi Ronbunshu, 2007, 64, 683-687.	0.2	0
42	Platinum-catalyzed Aromatic Câ€“H Silylation of Arenes with 1,1,1,3,5,5,5-Heptamethyltrisiloxane. Chemistry Letters, 2007, 36, 910-911.	1.3	94
43	Synthesis of aryltriethoxysilanes via rhodium(I)-catalyzed cross-coupling of aryl electrophiles with triethoxysilane. Tetrahedron, 2007, 63, 4087-4094.	1.9	50
44	Preparation of Polystyrene-Polyimide Particles by Dispersion Polymerization of Styrene Using Poly(amic acid) as a Stabilizer. Polymer Journal, 2006, 38, 471-476.	2.7	9
45	Aromatic Câ€“H Borylation Catalyzed by Hydrotris(pyrazolyl)borate Complexes of Rhodium and Iridium. Bulletin of the Chemical Society of Japan, 2006, 79, 1980-1982.	3.2	16
46	An Efficient Catalyst System for Palladium(0)-Catalyzed Cross-Coupling of Aryltrialkoxysilanes with Aryl Halides. Synlett, 2006, 2006, 0118-0120.	1.8	21
47	Palladium(0)-Catalyzed Silylation of Aryl Halides with Triorganosilanes: Synthesis of Aryl(2-furyl)silanes. Synthesis, 2006, 2006, 1771-1774.	2.3	39
48	An Efficient Catalyst System for Palladium-Catalyzed Borylation of Aryl Halides with Pinacolborane. Synlett, 2006, 2006, 1867-1870.	1.8	84
49	A General and Efficient Method for the Palladium-Catalyzed Cross-Coupling of Thiols and Secondary Phosphines.. ChemInform, 2004, 35, no.	0.0	0
50	A general and efficient method for the palladium-catalyzed cross-coupling of thiols and secondary phosphines. Tetrahedron, 2004, 60, 7397-7403.	1.9	395
51	Synthesis of Polymer Microspheres with Mercapto Groups by Polycondensation of 1,3-Propanedithiol and 1,6-Dibromohexane in the Presence of a Poly[styrene-alkylacrylamide] Latex. Polymer Journal, 2004, 36, 45-49.	2.7	1
52	Formation of (Z)-allylboronates via ruthenium-catalysed hydroboration of propargyl ethers with pinacolborane. Journal of Chemical Research, 2002, 2002, 142-143.	1.3	19
53	Rhodium(I)-Catalyzed 1,2- and 1,4-Addition of Aryltriethoxysilanes to Carbonyl Compounds under Aqueous Basic Conditions. Synthesis, 2002, 2002, 717-719.	2.3	46
54	Rhodium- and Ruthenium-Catalyzed Dehydrogenative Borylation of Vinylarenes with Pinacolborane: Stereoselective Synthesis of Vinylboronates. Bulletin of the Chemical Society of Japan, 2002, 75, 825-829.	3.2	80

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55	Rhodium(I)-Catalyzed Silylation of Aryl Halides with Triethoxysilane:â€‰ Practical Synthetic Route to Aryltriethoxysilanes. Organic Letters, 2002, 4, 1843-1845.	4.6	123
56	SYNTHESIS OF BENZYLBORONATES VIA PALLADIUM-CATALYZED BORYLATION OF BENZYL HALIDES WITH PINACOLBORANE. Synthetic Communications, 2002, 32, 2513-2517.	2.1	26
57	Rhodium(I)â€Catalyzed Silylation of Aryl Halides with Triethoxysilane: Practical Synthetic Route to Aryltriethoxysilanes.. ChemInform, 2002, 33, 167-167.	0.0	0
58	Synthesis and Characterization of Aromatic Polyimide Containing 3,6-Diamino-9-Alkylcarbazole and Aromatic Tetracarboxylic Dianhydrides. High Performance Polymers, 2001, 13, 281-286.	1.8	6
59	Palladium-Catalyzed Cross-Coupling Reaction of Aryltriethoxysilanes with Aryl Bromides under Basic Aqueous Conditions. Synthesis, 2001, 2001, 2231-2233.	2.3	32
60	Synthesis of polymer microspheres with mercapto groups by polycondensation ofÎ±,Ï‰-alkanedithiol andÎ±,Ï‰-dibromoalkane in the presence of a poly[styrene-N-(hydroxymethyl)acrylamide] latex. Macromolecular Chemistry and Physics, 2000, 201, 896-901.	2.2	6
61	Preparation of core-shell polystyrene-polyimide particles by dispersion polymerization of styrene using poly(amic acid) as a stabilizer. Macromolecular Rapid Communications, 2000, 21, 1323-1326.	3.9	27
62	Regio- and stereoselective synthesis of allylboranes via platinum(0)-catalyzed borylation of allyl halides with pinacolborane. Tetrahedron Letters, 2000, 41, 5877-5880.	1.4	51
63	Palladium-Catalyzed Cross-Coupling Reaction of Tributyltin Hydride with Aryl Iodides: Formation of A Tin-Carbon Bond. Synlett, 2000, 2000, 1043-1045.	1.8	3
64	Synthesis of Alkenylboronates via Palladium-Catalyzed Borylation of Alkenyl Triflates (or Iodides) with Pinacolborane. Synthesis, 2000, 2000, 778-780.	2.3	53
65	Palladium-Catalyzed Borylation of Aryl Halides or Triflates with Dialkoxyborane:â€‰ A Novel and Facile Synthetic Route to Arylboronates. Journal of Organic Chemistry, 2000, 65, 164-168.	3.2	359
66	BIS(PINACOLATO)DIBORON. Organic Syntheses, 2000, 77, 176.	1.0	58
67	Rhodium-catalyzed dehydrogenative coupling reaction of vinylarenes with pinacolborane to vinylboronates. Tetrahedron Letters, 1999, 40, 2585-2588.	1.4	84
68	Synthesis of alkenylsilanes via palladium(0)-catalyzed silylation of alkenyl iodides with hydrosilane. Tetrahedron Letters, 1999, 40, 9255-9257.	1.4	45
69	Synthesis of polymer microspheres with mercapto groups by polycondensation ofÎ±,Ï‰-alkanedithiol andÎ±,Ï‰-dibromoalkane in the presence of a polystyrene latex. Macromolecular Chemistry and Physics, 1999, 200, 2577-2580.	2.2	3
70	Synthesis and characterization of new aromatic polyesters and a polyether derived from 2,2-bis(4-hydroxyphenyl)-1,2-diphenylethanone. Journal of Polymer Science Part A, 1998, 36, 2229-2235.	2.3	16
71	Synthesis of polymer microspheres with mercapto groups by polycondensation of 1,3-propanedithiol and 1,6-dibromohexane in the presence of a polystyrene latex. Macromolecular Rapid Communications, 1998, 19, 75-77.	3.9	3
72	Stereoselective synthesis of enol acetates by the reaction of alkenylboronates with (diacetoxyiodo)benzene and sodium iodide. Journal of the Chemical Society Perkin Transactions 1, 1998, , 1465-1466.	0.9	25

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73	New simple syntheses of (Eâ€Š)-1-azido- (or thiocyanato)-alk-1-enes from alk-1-ynes by hydroboration. Journal of the Chemical Society Perkin Transactions 1, 1998, , 1013-1014.	0.9	15
74	New type formation of 1,3-enynes (or internal alkynes) via coupling of organoboranes with alkynylcopper compounds mediated by copper(II). Chemical Communications, 1998, , 807-808.	4.1	14
75	Synthesis of Arylsilanes via Palladium(0)-Catalyzed Silylation of Aryl Halides with Hydrosilane. Journal of Organic Chemistry, 1997, 62, 8569-8571.	3.2	117
76	Novel Palladium(0)-Catalyzed Coupling Reaction of Dialkoxyborane with Aryl Halides:â€‰ Convenient Synthetic Route to Arylboronates. Journal of Organic Chemistry, 1997, 62, 6458-6459.	3.2	297
77	Platinum(0)-Catalyzed Diboration of Alkynes with Tetrakis(alkoxo)diborons:Â An Efficient and Convenient Approach tocis-Bis(boryl)alkenes. Organometallics, 1996, 15, 713-720.	2.3	313
78	Palladium(0)-Catalyzed Cross-Coupling Reaction of Alkoxydiboron with Haloarenes: A Direct Procedure for Arylboronic Esters. Journal of Organic Chemistry, 1995, 60, 7508-7510.	3.2	1,411
79	Electrolytic Oxidation of Ketones in Ammoniacal Methanol in the Presence of Catalytic Amounts of KI. Journal of Organic Chemistry, 1995, 60, 6764-6770.	3.2	29
80	Facile and stereospecific synthesis of 1,1-dihalogenoalk-1-enes from 1-halogenoalk-1-ynes by hydroboration. Journal of the Chemical Society Perkin Transactions 1, 1995, , 2955.	0.9	13
81	Synthesis of ketones from iodoalkenes, carbon monoxide and 9-alkyl-9-borabicyclo[3.3.1]nonane derivatives via a radical cyclization and palladium-catalysed carbonylative cross-coupling sequence. Journal of the Chemical Society Chemical Communications, 1995, , 295.	2.0	74