

# Shun-Ichi Murahashi

## List of Publications by Year in descending order

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277  
docs citations

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#	ARTICLE	IF	CITATIONS
1	Ruthenium-Catalyzed Reactions for Organic Synthesis. <i>Chemical Reviews</i> , 1998, 98, 2599-2660.	23.0	964
2	Synthetic Aspects of Metal-Catalyzed Oxidations of Amines and Related Reactions. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2443-2465.	4.4	497
3	Aerobic Ruthenium-Catalyzed Oxidative Cyanation of Tertiary Amines with Sodium Cyanide. <i>Journal of the American Chemical Society</i> , 2003, 125, 15312-15313.	6.6	451
4	Ruthenium catalyzed biomimetic oxidation in organic synthesis inspired by cytochrome P-450. <i>Chemical Society Reviews</i> , 2008, 37, 1490.	18.7	400
5	Ruthenium-Catalyzed Oxidative Cyanation of Tertiary Amines with Molecular Oxygen or Hydrogen Peroxide and Sodium Cyanide: $\text{sp}^3\text{-C-H}$ Bond Activation and $\text{C-C}$ Bond Formation. <i>Journal of the American Chemical Society</i> , 2008, 130, 11005-11012.	6.6	340
6	The reaction of $\eta^2$ -vinylpalladium complexes with alkyllithiums. Stereospecific syntheses of olefins from vinyl halides and alkyllithiums. <i>Journal of Organometallic Chemistry</i> , 1975, 91, C39-C42.	0.8	242
7	Ruthenium-Catalyzed Oxidative Cyanation of Tertiary Amines with Hydrogen Peroxide and Sodium Cyanide. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6931-6933.	7.2	242
8	Copper(I)-Catalyzed Amination of Propargyl Esters. Selective Synthesis of Propargylamines, 1-Alken-3-ylamines, and (Z)-Allylamines. <i>Journal of Organic Chemistry</i> , 1994, 59, 2282-2284.	1.7	223
9	Low-Valent Ruthenium and Iridium Hydride Complexes as Alternatives to Lewis Acid and Base Catalysts. <i>Accounts of Chemical Research</i> , 2000, 33, 225-233.	7.6	204
10	Flavin Catalyzed Oxidations of Sulfides and Amines with Molecular Oxygen. <i>Journal of the American Chemical Society</i> , 2003, 125, 2868-2869.	6.6	196
11	Ruthenium-catalyzed aldol and Michael reactions of nitriles. Carbon-carbon bond formation by $\alpha$ -C-H activation of nitriles. <i>Journal of the American Chemical Society</i> , 1995, 117, 12436-12451.	6.6	187
12	Selenium dioxide catalyzed oxidation of secondary amines with hydrogen peroxide. Simple synthesis of nitrones from secondary amines. <i>Tetrahedron Letters</i> , 1987, 28, 2383-2386.	0.7	185
13	Asymmetric Baeyer-Villiger Reaction with Hydrogen Peroxide Catalyzed by a Novel Planar-Chiral Bisflavin. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2366-2368.	7.2	184
14	Ruthenium catalyzed synthesis of secondary or tertiary amines from amines and alcohols. <i>Tetrahedron Letters</i> , 1982, 23, 229-232.	0.7	179
15	Synthesis and Transformations of Nitrones for Organic Synthesis. <i>Chemical Reviews</i> , 2019, 119, 4684-4716.	23.0	179
16	Ruthenium-Catalyzed Transformations of Amino Alcohols to Lactams. <i>Synlett</i> , 1991, 1991, 693-694.	1.0	157
17	An Aerobic, Organocatalytic, and Chemoselective Method for Baeyer-Villiger Oxidation. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1704-1706.	7.2	141
18	Ruthenium catalyzed transformation of alcohols to esters and lactones. <i>Tetrahedron Letters</i> , 1981, 22, 5327-5330.	0.7	137

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19	Ruthenium-Catalyzed Oxidation of Alkanes with tert-Butyl Hydroperoxide and Peracetic Acid. <i>Journal of Organic Chemistry</i> , 2000, 65, 9186-9193.	1.7	133
20	Palladium(II)-catalyzed amidation of alkenes. <i>Tetrahedron Letters</i> , 1992, 33, 6643-6646.	0.7	124
21	Aerobic Ruthenium-Catalyzed Oxidative Transformation of Secondary Amines to Imines. <i>Synlett</i> , 2007, 2007, 1675-1678.	1.0	115
22	Synthetische Aspekte metallkatalysierter Oxidationen von Aminen und verwandte Reaktionen. <i>Angewandte Chemie</i> , 1995, 107, 2670-2693.	1.6	111
23	Fe <sub>2</sub> O <sub>3</sub> -catalyzed baeyer-villiger oxidation of ketones with molecular oxygen in the presence of aldehydes. <i>Tetrahedron Letters</i> , 1992, 33, 7557-7560.	0.7	110
24	Ruthenium-catalysed oxidation of secondary amines to imines using t-butyl hydroperoxide. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 613.	2.0	109
25	Palladium(O)-catalyzed allylic alkylation and amination of allylic phosphates. <i>Tetrahedron Letters</i> , 1982, 23, 5549-5552.	0.7	107
26	Ruthenium-catalyzed oxidation of tertiary amines with hydrogen peroxide in the presence of methanol. <i>Tetrahedron Letters</i> , 1992, 33, 6991-6994.	0.7	106
27	Ruthenium-catalyzed cytochrome P-450 type oxidation of alkanes with alkyl hydroperoxides. <i>Tetrahedron Letters</i> , 1993, 34, 1299-1302.	0.7	106
28	Aerobic oxidation of alkanes and alkenes in the presence of aldehydes catalyzed by copper salts and copper-crown ether. <i>Journal of Molecular Catalysis A</i> , 1997, 117, 21-37.	4.8	104
29	Rhodium Complex-Catalyzed Reaction of Isonitriles with Carbonyl Compounds: Catalytic Synthesis of Pyrroles. <i>Organic Letters</i> , 2001, 3, 421-424.	2.4	100
30	Metalloporphyrin-Catalyzed Oxidation of Alkanes with Molecular Oxygen in the Presence of Acetaldehyde. <i>Tetrahedron Letters</i> , 1995, 36, 8059-8062.	0.7	92
31	Ruthenium-catalyzed hydration of nitriles and transformation of $\alpha$ -ketonitriles to ene-lactams: total synthesis of ( $\alpha$ )-pumiliotoxin C. <i>Tetrahedron</i> , 1993, 49, 8805-8826.	1.0	91
32	Aerobic oxidations of alkanes and alkenes in the presence of aldehydes catalysed by copper salts. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 139.	2.0	91
33	Palladium-Catalyzed Asymmetric Alkylation of 2,3-Alkadienyl Phosphates. Synthesis of Optically Active 2-(2,3-Alkadienyl)malonates. <i>Chemistry Letters</i> , 2002, 31, 140-141.	0.7	90
34	Palladium-catalyzed cross-coupling reaction of organic halides with Grignard reagents, organolithium compounds and heteroatom nucleophiles. <i>Journal of Organometallic Chemistry</i> , 2002, 653, 27-33.	0.8	85
35	The First Isolation and Characterization of a Palladium-Copper Heterometallic Complex Bearing $\mu$ -4-Oxo Atom Derived from Molecular Oxygen. <i>Journal of the American Chemical Society</i> , 1996, 118, 3990-3991.	6.6	84
36	Ruthenium-Catalyzed Oxidation of Phenols with Alkyl Hydroperoxides. A Novel, Facile Route to 2-Substituted Quinones. <i>Journal of the American Chemical Society</i> , 1996, 118, 2509-2510.	6.6	83

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37	Enantioselective Addition of Ketene Silyl Acetals to Nitrones Catalyzed by Chiral Titanium Complexes. Synthesis of Optically Active $\beta$ -Amino Acids. <i>Journal of the American Chemical Society</i> , 2002, 124, 2888-2889.	6.6	83
38	A New Way for Efficient Catalysis by Using Low Valent Ruthenium Complexes as Redox Lewis Acid and Base Catalysts. <i>Bulletin of the Chemical Society of Japan</i> , 1996, 69, 1805-1824.	2.0	78
39	Conversion of alcohols into unsymmetrical secondary or tertiary amines by a palladium catalyst. Synthesis of N-substituted pyrroles. <i>Journal of the Chemical Society Chemical Communications</i> , 1974, , 931.	2.0	77
40	Transition-Metal-Based Lewis Acid and Base Ambiphilic Catalysts of Iridium Hydride Complexes: Multicomponent Synthesis of Glutarimides. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3302-3304.	7.2	76
41	Palladium-catalyzed Carbonylation of Allylamines. Synthesis of $\beta,\beta$ -unsaturated amides by one-carbon homologation of Allylamines. <i>Tetrahedron</i> , 1994, 50, 453-464.	1.0	73
42	Palladium-Catalyzed Asymmetric Amination and Imidation of 2,3-Allenyl Phosphates. <i>Organic Letters</i> , 2005, 7, 5837-5839.	2.4	73
43	Tungstate catalysed oxidation of secondary amines with hydrogen peroxide. A novel transformation of secondary amines into nitrones. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 874.	2.0	70
44	Palladium(0)-catalyzed carbonylation of allyl phosphates and allyl acetates. Selective synthesis of $\beta,\beta$ -unsaturated esters. <i>Tetrahedron Letters</i> , 1988, 29, 4945-4948.	0.7	70
45	Aerobic oxidation of alkanes in the presence of acetaldehyde catalysed by copper-crown ether. <i>Tetrahedron Letters</i> , 1996, 37, 1633-1636.	0.7	70
46	Ruthenium catalysis in organic synthesis. <i>Pure and Applied Chemistry</i> , 2002, 74, 19-24.	0.9	70
47	Flavin-Catalyzed Oxidation of Amines and Sulfides with Molecular Oxygen: Biomimetic Green Oxidation. <i>Chemistry - an Asian Journal</i> , 2006, 1, 136-147.	1.7	69
48	Tungstate-Catalyzed Decarboxylative Oxidation of N-Alkyl- $\alpha$ -amino Acids: An Efficient Method for Regioselective Synthesis of Nitrones. <i>Journal of Organic Chemistry</i> , 1994, 59, 6170-6172.	1.7	66
49	Iridium Hydride Complex Catalyzed Addition of Nitriles to Carbon-Nitrogen Triple Bonds of Nitriles. <i>Journal of the American Chemical Society</i> , 1998, 120, 4244-4245.	6.6	66
50	Ruthenium catalyzed oxidation of cyanohydrins to acyl cyanides useful reagents for selective N-benzoylation of aminoalcohols. <i>Tetrahedron Letters</i> , 1985, 26, 925-928.	0.7	65
51	Palladium-copper-DMF complexes involved in the oxidation of alkenes. <i>Journal of Organometallic Chemistry</i> , 1998, 551, 387-389.	0.8	64
52	Palladium(0) catalyzed azidation and amination of allyl acetates. Selective synthesis of allyl azides and primary allylamines. <i>Tetrahedron Letters</i> , 1986, 27, 227-230.	0.7	62
53	Palladium(II)-catalyzed asymmetric acetalization of alkenes. <i>Journal of Organic Chemistry</i> , 1995, 60, 6159-6167.	1.7	61
54	Aerobic Oxidation of Primary Amines to Oximes Catalyzed by DPPH and $WO_3/Al_2O_3$ . <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2079-2081.	7.2	61

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55	Palladium(II)-catalyzed cyclization of $\hat{1}^3, \hat{1}^1$ -unsaturated alcohols synthesis of 2-vinyltetrahydrofurans. Tetrahedron Letters, 1976, 17, 1821-1824.	0.7	60
56	The palladium(o) catalyzed synthesis of vinyl nitriles from vinyl halides. Tetrahedron Letters, 1977, 18, 4429-4430.	0.7	60
57	Regioselective Synthesis of Nitrones by Decarboxylative Oxidation of N-Alkyl- $\hat{1}^{\pm}$ -amino Acids and Application to the Synthesis of 1-Azabicyclic Alkaloids. Bulletin of the Chemical Society of Japan, 1999, 72, 2737-2754.	2.0	60
58	Palladium(o)-catalyzed hydroxyamination of allyl esters. Tetrahedron Letters, 1988, 29, 2973-2976.	0.7	58
59	Palladium(II)-catalysed oxidation of carbon-carbon double bonds of allylic compounds with molecular oxygen; regioselective formation of aldehydes. Journal of the Chemical Society Chemical Communications, 1991, , 1559-1560.	2.0	58
60	Hydrogenation and Transfer Hydrogenation. , 2005, , 3-52.		58
61	Novel method for $\hat{1}^{\pm}$ -substitution of amines via N-Methoxycarbonyl- $\hat{1}^{\pm}$ -t-butylidioxamines. Tetrahedron Letters, 1990, 31, 7475-7478.	0.7	57
62	Flavin-catalyzed aerobic oxidation of sulfides and thiols with formic acid/triethylamine. Chemical Communications, 2014, 50, 10295-10298.	2.2	57
63	Catalytic Enantioselective Oxidation of Alkanes and Alkenes Using (Salen)Manganese Complexes Bearing a Chiral Binaphthyl Strapping Unit. Advanced Synthesis and Catalysis, 2004, 346, 195-198.	2.1	56
64	Synthesis of Oxygen-containing Heterocycles Using Palladium(II) Catalysts. Heterocycles, 1992, 33, 1079.	0.4	55
65	Palladium-Catalyzed Double and Single Carbonylations of $\hat{1}^2$ -Amino Alcohols. Selective Synthesis of Morpholine-2,3-diones and Oxazolidin-2-ones and Applications for Synthesis of $\hat{1}^{\pm}$ -Oxo Carboxylic Acids. Bulletin of the Chemical Society of Japan, 1996, 69, 2079-2090.	2.0	55
66	Palladium(II)-catalyzed Alkoxylation and Acetoxylation of Alkenes. Chemistry Letters, 1989, 18, 2001-2004.	0.7	54
67	Short-step synthesis of amino acids and N-hydroxyamino acids from amines. Tetrahedron Letters, 1987, 28, 6469-6472.	0.7	52
68	Ruthenium-Catalyzed Oxidations for Selective Syntheses of Ketones and Acyl Cyanides. Selective Acylation of Amino Compounds with Acyl Cyanides. Synthesis, 1993, 1993, 433-440.	1.2	51
69	Reaction of cycloalkanone enamines with allylic compounds in the presence of palladium complexes. Tetrahedron Letters, 1973, 14, 121-124.	0.7	50
70	Regioselectivity of Palladium(II)-Induced Intramolecular Cyclization of 2-(3-Methyl-2-butenyl)phenol. Bulletin of the Chemical Society of Japan, 1976, 49, 3662-3665.	2.0	50
71	Palladium-catalysed carbonylation of allylamines. Journal of the Chemical Society Chemical Communications, 1988, , 1578.	2.0	49
72	Manganese catalyzed asymmetric oxidation of alkanes to optically active ketones bearing asymmetric center at the $\hat{1}^{\pm}$ -position. Tetrahedron Letters, 1998, 39, 7921-7924.	0.7	49

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73	Catalysis of Pd(II)-Catalyzed Acetalization of Alkenes with Diols. Bulletin of the Chemical Society of Japan, 1990, 63, 166-169.	2.0	48
74	Rhenium-Catalyzed Addition of Carbonyl Compounds to the Carbon-Nitrogen Triple Bonds of Nitriles: $\delta$ -C-H Activation of Carbonyl Compounds. Journal of the American Chemical Society, 2009, 131, 10824-10825.	6.6	48
75	Oxidation of Primary Amines to Oximes with Molecular Oxygen using 1,1-Diphenyl-2-picrylhydrazyl and $WO_3/Al_2O_3$ as Catalysts. Journal of Organic Chemistry, 2013, 78, 2301-2310.	1.7	48
76	Palladium-induced pyridine synthesis from unsaturated ketoximes. Tetrahedron Letters, 1976, 17, 383-386.	0.7	47
77	Copper complexes for catalytic, aerobic oxidation of hydrocarbons. Pure and Applied Chemistry, 2001, 73, 311-314.	0.9	47
78	The reactions of ortho-carbon $\delta$ -bonded aromatics-palladium complexes with alkyllithium.. Tetrahedron Letters, 1974, 15, 3749-3752.	0.7	46
79	The reaction of N-mono and N,N-disubstituted hydroxylamines with palladium catalyst. Tetrahedron Letters, 1983, 24, 1049-1052.	0.7	46
80	Rhodium catalyzed hydrogenation of nitrogen heteroaromatics under water gas shift conditions. Selective synthesis of 1,2,3,4-tetrahydroquinolines and -formyl-1,2,3,4-tetrahydroisoquinolines. Tetrahedron Letters, 1987, 28, 77-80.	0.7	44
81	Rhodium Catalyzed Hydrogenation of Quinolines and Isoquinolines under Water-Gas Shift Conditions. Bulletin of the Chemical Society of Japan, 1989, 62, 2968-2976.	2.0	44
82	The reaction of nitrones with (R)-(+)-methyl p-tolyl sulfoxide anion; asymmetric synthesis of optically active secondary amines. Tetrahedron Letters, 1993, 34, 2645-2648.	0.7	44
83	Highly Diastereoselective Addition of a Chiral Ketene Silyl Acetal to Nitrones: Asymmetric Synthesis of $\beta$ -Amino Acids and Key Intermediates of $\beta$ -Lactam Antibiotics. Journal of Organic Chemistry, 1999, 64, 3790-3791.	1.7	43
84	Manganese-catalyzed enantioselective oxidation of C-H bonds of alkanes and silyl ethers to optically active ketones. Tetrahedron: Asymmetry, 2005, 16, 3527-3535.	1.8	43
85	Ruthenium-catalyzed oxidation of alkanes with peracids. Tetrahedron Letters, 1994, 35, 7953-7956.	0.7	40
86	Titanium (III) induced transformations of N,N-disubstituted hydroxylamines to imines and secondary amines. Tetrahedron Letters, 1985, 26, 4633-4636.	0.7	39
87	Chemoselective Acylation of Primary Amines in the Presence of Secondary Amines with Acyl Cyanides. Highly Efficient Methods for the Synthesis of Spermidine and Spermine Alkaloid. Chemistry Letters, 1987, 16, 879-882.	0.7	39
88	Synthesis and Characterization of C- and N-Bound Isomers of Transition Metal $\delta$ -Cyanocarbanions. Journal of the American Chemical Society, 2000, 122, 2960-2961.	6.6	39
89	Ruthenium-Catalyzed Olefin Metathesis. , 2005, , 153-177.		39
90	A novel oxidative ring-opening reaction of isoxazolidines: syntheses of $\beta$ -amino ketones and $\beta$ -amino acid esters from secondary amines. Tetrahedron Letters, 1988, 29, 5949-5952.	0.7	38

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91	Osmium-catalyzed oxidation of $\beta$ -lactams with peroxides. <i>Tetrahedron Letters</i> , 1991, 32, 2145-2148.	0.7	37
92	Ruthenium-catalysed oxidation of alkanes with peracetic acid in trifluoroacetic acid: ruthenium as an efficient catalyst for the oxidation of unactivated C-H bonds. <i>Chemical Communications</i> , 2001, , 65-66.	2.2	37
93	The Electron Spin Resonance of Triplet Dihydrodibenzo[a,d]cycloheptenyliene, Dibenzo[a,d]cycloheptenyliene, and Tribenzo[a,c,e]cycloheptenyliene. <i>Journal of the American Chemical Society</i> , 1967, 89, 1259-1260.	6.6	36
94	The reaction of $\beta$ -unsaturated ketoximes into isoxazoles with palladium complexes. <i>Tetrahedron Letters</i> , 1973, 14, 5075-5076.	0.7	36
95	SYNTHESIS OF NATURAL AND UNNATURAL FRONTALIN. <i>Chemistry Letters</i> , 1985, 14, 1529-1530.	0.7	35
96	Osmium-Catalyzed Oxidative Transformation of Alkenes to $\beta$ -Ketols with Peracetic Acid. <i>Chemistry Letters</i> , 1993, 22, 1767-1770.	0.7	34
97	Ruthenium-Catalyzed Oxidation of Alcohols with Peracids. <i>Synlett</i> , 1995, 1995, 733-734.	1.0	34
98	Iridium-Catalyzed Reactions of Trifluoromethylated Compounds with Alkenes: A C-H Bond Activation to the Trifluoromethyl Group. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2047-2049.	7.2	34
99	Palladium(0) catalyzed 3-aza-cope rearrangement of N-allylenamines. <i>Tetrahedron Letters</i> , 1985, 26, 5563-5566.	0.7	33
100	Palladium(II)-catalyzed oxygenation of the carbon-carbon double bond by molecular oxygen: A probe for involvement of a palladium hydroperoxide species. <i>Journal of Molecular Catalysis</i> , 1992, 74, 489-498.	1.2	33
101	Asymmetric Synthesis of $\beta$ -Amino Acids by Addition of Chiral Enolates to Nitrones via N-Acyloxyiminium Ions. <i>Bulletin of the Chemical Society of Japan</i> , 2000, 73, 2423-2444.	2.0	33
102	Mechanism of the Interconversions between C- and N-Bound Transition Metal $\beta$ -Cyanocarbanions. <i>Journal of the American Chemical Society</i> , 2002, 124, 6842-6843.	6.6	32
103	Asymmetric hydrosilylation of nitrones using ruthenium(II) phosphine complex catalysts; syntheses of optically active N,N-disubstituted hydroxylamines and secondary amines. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 725.	2.0	31
104	Ruthenium-catalyzed glycine-selective oxidative backbone modification of peptides. <i>Tetrahedron Letters</i> , 2000, 41, 10245-10249.	0.7	31
105	Osmium-catalyzed asymmetric dihydroxylation of olefins using chiral isoxazolidine ligands. <i>Tetrahedron Letters</i> , 1992, 33, 5081-5084.	0.7	30
106	Palladium(II)-Catalyzed Acetalization of Allylic Acetates and Its Utilization for the Synthesis of 2-Cyanovinyl Ketones. <i>Synthesis</i> , 1992, 1992, 558-561.	1.2	29
107	10, 11-Dihydro-5H-dibenzo[a,d]cycloheptenyliene. <i>Bulletin of the Chemical Society of Japan</i> , 1967, 40, 1506-1511.	2.0	28
108	Asymmetric Synthesis of $\beta$ -Amino Acids by Addition of Chiral Enolates to N-Acyloxyiminium Ions and Application for Synthesis of Optically Active 5-Substituted 8-Methylindolizidines. <i>Organic Letters</i> , 1999, 1, 107-110.	2.4	28

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109	Selective transformation of organoboranes to grignard reagents by using pentane-1,5-di(magnesium) Tj ETQq1 1 0.784314 rgBT /Ove Tetrahedron Letters, 1979, 20, 1237-1240.	0.7	27
110	Selective reduction of tertiary alkyl, benzyl, and allyl halides to hydrocarbons using lithium 9,9-di-n-butyl-9-borabicyclo[3.3.1]nonanate. Tetrahedron, 1981, 37, 2261-2267.	1.0	27
111	Palladium-Promoted Transformation of $\hat{1}^2$ -Amino Ketones to Enaminones. Bulletin of the Chemical Society of Japan, 1987, 60, 3285-3290.	2.0	27
112	Ruthenium-Catalyzed Oxidative Dearomatization of Phenols to $\hat{4}^4$ -tert-Butylperoxy)cyclohexadienones: Synthesis of $\hat{2}^6$ -Substituted Quinones from $\hat{1}^6$ -Substituted Phenols. European Journal of Organic Chemistry, 2011, 2011, 5355-5365.	1.2	27
113	Stereoselective synthesis of 1,4-dienes and mono-olefins by methylcopper-induced cross-coupling of dialkenylchloroboranes with organic halides. Journal of the Chemical Society Chemical Communications, 1976, , 452.	2.0	26
114	Palladium(II)-Catalyzed Diastereoselective Acetalization of Hydroxyalkenes. Chemistry Letters, 1990, 19, 1387-1390.	0.7	25
115	Chlorinated Phthalocyanine Iron(II) Complex Catalyzed Oxidation of Alkanes and Alkenes with Molecular Oxygen in the Presence of Acetaldehyde. Synlett, 2003, 2003, 0321-0324.	1.0	25
116	The Stereospecific Addition of Dibenzo[a,d]cycloheptenyldiene and Tribenzo[a,c,e]cycloheptenyldiene to Olefins. Journal of the American Chemical Society, 1967, 89, 1257-1259.	6.6	24
117	Ruthenium-Catalyzed Oxidation of Cyclic Acetals with tert-Butyl Hydroperoxide. A Facile Synthesis of Glycol Monoesters. Chemistry Letters, 1992, 21, 2237-2240.	0.7	24
118	Palladium-catalyzed asymmetric alkoxy carbonylation of allyl phosphates. Tetrahedron Letters, 1997, 38, 8227-8230.	0.7	24
119	Carbon-carbon bond forming reactions of N-bound transition metal $\hat{1}^{\pm}$ -cyanocarbanions: a mechanistic probe for catalytic Michael reactions of nitriles. Chemical Communications, 2001, , 63-64.	2.2	24
120	cis-Oxypalladation Complexes Derived from (1R,5R)-2(10),3-Pinadiene and Their Utilization in Pd(II)-catalyzed Enantioselective Cyclization of 2-(trans-2-Butenyl)phenols. Bulletin of the Chemical Society of Japan, 1985, 58, 3282-3290.	2.0	23
121	RHODIUM-CATALYZED AZACARBONYLATION OF ALLYL PHOSPHATES. THE PREPARATION OF $\hat{1}^2, \hat{1}^3$ -UNSATURATED AMIDES FROM ALLYL ALCOHOLS. Chemistry Letters, 1985, 14, 1477-1480.	0.7	23
122	Aza- and oxacarbonylations of allyl phosphates catalyzed by rhodium carbonyl cluster. Selective synthesis of $\hat{1}^2, \hat{1}^3$ -unsaturated amides, esters, and acids. Journal of Organometallic Chemistry, 1993, 451, 183-194.	0.8	23
123	The Heck reaction in the presence of molecular oxygen. Tetrahedron Letters, 2002, 43, 9323-9325.	0.7	23
124	Title is missing!. Angewandte Chemie, 2003, 115, 3424-3426.	1.6	23
125	The mild deoxygenation reaction of ketoximes with the dioxygen complex of palladium. Tetrahedron Letters, 1974, 15, 797-798.	0.7	22
126	Regio- and stereoselective synthesis of allylsilanes using (methylphenylamino) tributylphosphonium iodine. Tetrahedron Letters, 1982, 23, 557-560.	0.7	22



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127	THE OXYGENATION OF Î±-ISOPHORONE AND ITS SILYL ENOL ETHER WITH t-BuOOH IN THE PRESENCE OF METAL CATALYSTS. <i>Chemistry Letters</i> , 1983, 12, 1081-1082.	0.7	22
128	Palladium-Catalyzed Reaction of 2-Vinyl-2,3-dihydrobenzofurans and Chroman with Nucleophiles. <i>Bulletin of the Chemical Society of Japan</i> , 1986, 59, 2191-2193.	2.0	22
129	Ruthenium complex catalysed condensation of nitriles with alcohols. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1359.	2.0	21
130	Synthesis of (R)- and (S)-3-(tert-butyldimethylsilyloxy)-1-pyrroline N-oxides " chiral nitrones for synthesis of biologically active pyrrolidine derivative, Geissman-Waiss lactone. <i>Tetrahedron Letters</i> , 1998, 39, 2765-2766.	0.7	21
131	Electronic absorption spectra of the products formed by the photolysis of diazo compounds at 77Å°K, possibly identified to carbenes. <i>Tetrahedron Letters</i> , 1966, 7, 373-378.	0.7	20
132	Synthesis of Phenethylamines by Hydrogenation of Î²-Nitrostyrenes. <i>Bulletin of the Chemical Society of Japan</i> , 1990, 63, 1252-1254.	2.0	20
133	Titanium(III)-Induced Transformation of Hydroxylamines to Imines or Secondary Amines. <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 2542-2549.	2.0	20
134	Bioinspired Oxidations Catalyzed by Ruthenium Complexes. , 2000, , 563-611.		20
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