

Hironao Sajiki

List of Publications by Year in descending order

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166
papers

5,885
citations

66343

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98798

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175
all docs

175
docs citations

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times ranked

4787
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Selective Hydrogenative Conversion of Nitriles into Tertiary, Secondary, and Primary Amines under Flow Reaction Conditions. <i>ChemSusChem</i> , 2022, 15, .	6.8	7
2	Multicomponent double Mannich alkylation involving C(sp ²)-H and benzylic C(sp ³)-H bonds. <i>Nature Communications</i> , 2022, 13, 435.	12.8	14
3	Platinum on carbon-catalysed site-selective H-D exchange reaction of allylic alcohols using alkyl amines as a hydrogen source. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1986-1991.	4.5	3
4	Catalytic Intramolecular Cyclization of Alkynyl Cyclic Acetals via Chemoselective Activation Leading to a Phenanthrene Core. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 735-742.	3.2	0
5	Aryl Boronic Esters Are Stable on Silica Gel and Reactive under Suzuki-Miyaura Coupling Conditions. <i>Organic Letters</i> , 2022, 24, 3510-3514.	4.6	28
6	Revisiting the synthesis of aryl nitriles: a pivotal role of CAN. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1344-1351.	2.8	4
7	Efficient Continuous-Flow H-D Exchange Reaction of Aromatic Nuclei in D ₂ O/2-PrOH Mixed Solvent in a Catalyst Cartridge Packed with Platinum on Carbon Beads. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 600-605.	3.2	11
8	Metal Catalyzed H-D Exchange Methods Using D ₂ O as a Deuterium Source: A Comparative Study in Different Sealed Devices. , 2021, , .		1
9	Development of Solid Catalysts for Selective Reactions and their Application to Continuous-Flow Reactions. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2021, 79, 472-482.	0.1	0
10	Synthesis of 1-Pyrroline by Denitrogenative Ring Expansion of Cyclobutyl Azides under Thermal Conditions. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3481-3484.	4.3	6
11	Gold-Catalyzed Tandem Oxidative Coupling Reaction between $\hat{1}^2$ -Ketoallenes and Electron-Rich Arenes to 2-Furylmethylarenes. <i>Organic Letters</i> , 2021, 23, 5891-5895.	4.6	5
12	Esterification or Thioesterification of Carboxylic Acids with Alcohols or Thiols Using Amphipathic Monolith-SO ₃ H Resin. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2702-2710.	3.2	7
13	Ruthenium-on-Carbon-Catalyzed Facile Solvent-Free Oxidation of Alcohols: Efficient Progress under Solid-Gas Conditions. <i>Chemical and Pharmaceutical Bulletin</i> , 2021, 69, 1200-1205.	1.3	3
14	Practical and reliable synthesis of 2,3,5-tetradeterated uridine derivatives. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2020, 39, 236-244.	1.1	1
15	Skeletal reorganization divergence of N-sulfonyl ynamides. <i>Nature Communications</i> , 2020, 11, 5639.	12.8	26
16	Improvement Parameters of Hydrogen Generation from Water under Stainless-Steel-Mediated Ball Milling Conditions. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1366-1371.	3.2	1
17	Hydroquinone and benzoquinone-catalyzed aqueous Knoevenagel condensation. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6594-6597.	2.8	11
18	Pd catalysts supported on dual-pore monolithic silica beads for chemoselective hydrogenation under batch and flow reaction conditions. <i>Catalysis Science and Technology</i> , 2020, 10, 6359-6367.	4.1	6

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19	Copper-Catalyzed Aqueous N-O Bond Cleavage of 2-Oxa-3-Azabicyclo Compounds to Cyclic cis-1,4-Amino Alcohols. <i>ChemSusChem</i> , 2020, 13, 5632-5637.	6.8	1
20	Development of Facile and Simple Processes for the Heterogeneous Pd-Catalyzed Ligand-Free Continuous-Flow Suzuki-Miyaura Coupling. <i>Catalysts</i> , 2020, 10, 1209.	3.5	5
21	Arylation of indoles using cyclohexanones dually-catalyzed by niobic acid and palladium-on-carbons. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3898-3902.	2.8	8
22	Quantitative Mechanochemical Methanation of CO ₂ with H ₂ O in a Stainless Steel Ball Mill. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1074-1078.	3.2	3
23	Development of Carbon-Neutral Cellulose-Supported Heterogeneous Palladium Catalysts for Chemoselective Hydrogenation. <i>ChemCatChem</i> , 2020, 12, 4052-4058.	3.7	13
24	N-Heterocyclic Carbene Catalyzed Deuteration of Aldehydes in D ₂ O. <i>Synlett</i> , 2020, 31, 699-702.	1.8	19
25	Facile Hydrogenative Deprotection of <i>N</i> -Benzyl Groups Using a Mixed Catalyst of Palladium and Niobic Acid-on-Carbon. <i>ACS Omega</i> , 2020, 5, 2699-2709.	3.5	16
26	Gold-Catalyzed Cyclization of 2-Alkynylaldehyde Cyclic Acetals via Hydride Shift for the Synthesis of Indenone Derivatives. <i>Organic Letters</i> , 2020, 22, 1883-1888.	4.6	19
27	Robust Continuous-Flow Synthesis of Deuterium-Labeled ¹² <i>C</i> -Nitroalcohols Catalyzed by Basic Anion Exchange Resin. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1000-1006.	3.2	3
28	One-Pot Heteroarene Synthesis Based on Ruthenium-on-Carbon-Catalyzed Oxidative Aromatization Using Oxygen. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1419-1423.	3.2	4
29	Microwave-Mediated Continuous Hydrogen Abstraction Reaction from 2-PrOH Catalyzed by Platinum on Carbon Bead. <i>Catalysts</i> , 2019, 9, 655.	3.5	6
30	Birch-Type Reduction of Arenes in 2-Propanol Catalyzed by Zero-Valent Iron and Platinum on Carbon. <i>ACS Omega</i> , 2019, 4, 11522-11531.	3.5	9
31	One-Pot Reaction of Carboxylic Acids, Ynol Ethers, and <i>m</i> -CPBA for Synthesis of \pm -Carbonyloxy Esters. <i>Organic Letters</i> , 2019, 21, 6423-6426.	4.6	12
32	H-D Exchange Deuteration of Arenes at Room Temperature. <i>Organic Process Research and Development</i> , 2019, 23, 648-653.	2.7	38
33	Development of Titanium Dioxide-Supported Pd Catalysts for Ligand-Free Suzuki-Miyaura Coupling of Aryl Chlorides. <i>Catalysts</i> , 2019, 9, 461.	3.5	13
34	Multicomponent Ugi Reaction of Indole- <i>N</i> -carboxylic Acids: Expeditious Access to Indole Carboxamide Amino Amides. <i>Organic Letters</i> , 2019, 21, 5269-5272.	4.6	20
35	Polyethyleneimine-Modified Polymer as an Efficient Palladium Scavenger and Effective Catalyst Support for a Functional Heterogeneous Palladium Catalyst. <i>ACS Omega</i> , 2019, 4, 10243-10251.	3.5	19
36	The Spirit of the Japanese Society for Process Chemistry. <i>Organic Process Research and Development</i> , 2019, 23, 418-418.	2.7	0

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37	Chemoselective Nucleophilic Functionalizations of Aromatic Aldehydes and Acetals via Pyridinium Salt Intermediates. <i>Journal of Organic Chemistry</i> , 2019, 84, 3853-3870.	3.2	13
38	Continuous-Flow Suzuki-Miyaura and Mizoroki-Heck Reactions under Microwave Heating Conditions. <i>Chemical Record</i> , 2019, 19, 3-14.	5.8	31
39	Application of Thiol-Modified Dual-Pore Silica Beads as a Practical Scavenger of Leached Palladium Catalyst in C-C Coupling Reactions. <i>Organic Process Research and Development</i> , 2019, 23, 462-469.	2.7	12
40	Microwave-Mediated Site-Selective Heating of Spherical-Carbon-Bead-Supported Platinum for the Continuous, Efficient Catalytic Dehydrogenative Aromatization of Saturated Cyclic Hydrocarbons. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3052-3061.	6.7	21
41	Stainless Steel Ball Milling for Hydrogen Generation and its Application for Reduction. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2019, 77, 1070-1077.	0.1	16
42	A practical method for heterogeneously-catalyzed Mizoroki-Heck reaction: Flow system with adjustment of microwave resonance as an energy source. <i>Tetrahedron</i> , 2018, 74, 1810-1816.	1.9	26
43	Selective Synthesis of Primary Amines from Nitriles under Hydrogenation Conditions. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1726-1732.	4.3	31
44	New Gateways to the Platinum Group Metal-Catalyzed Direct Deuterium-Labeling Method Utilizing Hydrogen as a Catalyst Activator. <i>Chemical and Pharmaceutical Bulletin</i> , 2018, 66, 21-28.	1.3	35
45	Direct Deuteration of Acrylic and Methacrylic Acid Derivatives Catalyzed by Platinum on Carbon in Deuterium Oxide. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2303-2307.	4.3	29
46	Highly-functionalized arene synthesis based on palladium on carbon-catalyzed aqueous dehydrogenation of cyclohexadienes and cyclohexenes. <i>Green Chemistry</i> , 2018, 20, 1213-1217.	9.0	27
47	Stainless Steel-Mediated Hydrogen Generation from Alkanes and Diethyl Ether and Its Application for Arene Reduction. <i>Organic Letters</i> , 2018, 20, 2892-2896.	4.6	48
48	Selective N-Monoalkylation of Amide Derivatives with Trialkyl Phosphates. <i>Synlett</i> , 2018, 29, 322-325.	1.8	11
49	Organocatalytic Nitroaldol Reaction Associated with Deuterium-Labeling. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 637-641.	4.3	15
50	Copper-catalyzed pyrrole synthesis from 3,6-dihydro-1,2-oxazines. <i>Green Chemistry</i> , 2018, 20, 4409-4413.	9.0	26
51	Aromatic aldehyde-selective aldol addition with aldehyde-derived silyl enol ethers. <i>Chemical Communications</i> , 2018, 54, 374-377.	4.1	7
52	Amphipathic monolith-supported palladium catalysts for chemoselective hydrogenation and cross-coupling reactions. <i>RSC Advances</i> , 2017, 7, 1833-1840.	3.6	30
53	Heterogeneous One-Pot Carbonylation and Mizoroki-Heck Reaction in a Parallel Manner Following the Cleavage of Cinnamaldehyde Derivatives. <i>Chemistry - A European Journal</i> , 2017, 23, 8196-8202.	3.3	11
54	Heterogeneous One-Pot Carbonylation and Mizoroki-Heck Reaction in a Parallel Manner Following the Cleavage of Cinnamaldehyde Derivatives. <i>Chemistry - A European Journal</i> , 2017, 23, 8103-8103.	3.3	0

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55	Development of a Unique Heterogeneous Palladium Catalyst for the Suzuki–Miyaura Reaction using (Hetero)aryl Chlorides and Chemoselective Hydrogenation. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2269-2279.	4.3	34
56	Cyclic ether synthesis from diols using trimethyl phosphate. <i>Chemical Communications</i> , 2017, 53, 4787-4790.	4.1	16
57	Heterogeneous Platinum Metal Catalyzed Deuterium Generation and Labeling Methods Using Hydrogen Gas and Deuterium Oxide as Key Reagents. , 2017, , 29-40.		2
58	Catalyst-Dependent Selective Hydrogenation of Nitriles: Selective Synthesis of Tertiary and Secondary Amines. <i>Journal of Organic Chemistry</i> , 2017, 82, 10939-10944.	3.2	28
59	Palladium on Carbon–Catalyzed Benzylic Methoxylation for Synthesis of Mixed Acetals and Orthoesters. <i>Chemistry - A European Journal</i> , 2017, 23, 10974-10977.	3.3	9
60	Ruthenium on Carbon Catalysed Carbon–Carbon Cleavage of Aryl Alkyl Ketones and Aliphatic Aldehydes in Aqueous Media. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3490-3495.	4.3	10
61	Recent Development of Palladium-Supported Catalysts for Chemoselective Hydrogenation. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 2-9.	1.3	39
62	Palladium-Catalyzed C–H Monoalkoxylation of α,β -Unsaturated Carbonyl Compounds. <i>ACS Catalysis</i> , 2016, 6, 3994-3997.	11.2	11
63	Disiloxane Synthesis Based on Silicon–Hydrogen Bond Activation using Gold and Platinum on Carbon in Water or Heavy Water. <i>Journal of Organic Chemistry</i> , 2016, 81, 4190-4195.	3.2	24
64	Versatile Oxidation Methods for Organic and Inorganic Substrates Catalyzed by Platinum-Group Metals on Carbons. <i>Chemical Record</i> , 2016, 16, 261-272.	5.8	15
65	Palladium on Carbon–Catalyzed C–H Amination for Synthesis of Carbazoles and its Mechanistic Study. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3145-3151.	4.3	27
66	Mild and Direct Multiple Deuterium–Labeling of Saturated Fatty Acids. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3277-3282.	4.3	23
67	Palladium on Carbon-Catalyzed Chemoselective Oxygen Oxidation of Aromatic Acetals. <i>Organic Letters</i> , 2016, 18, 5604-5607.	4.6	8
68	Switching the Cleavage Sites in Palladium on Carbon-Catalyzed Carbon–Carbon Bond Disconnection. <i>Journal of Organic Chemistry</i> , 2016, 81, 2737-2743.	3.2	19
69	Mild deuteration method of terminal alkynes in heavy water using reusable basic resin. <i>RSC Advances</i> , 2015, 5, 92954-92957.	3.6	18
70	Unique Chemoselective Hydrogenation using a Palladium Catalyst Immobilized on Ceramic. <i>ChemCatChem</i> , 2015, 7, 2155-2160.	3.7	15
71	Stainless–Steel Ball–Milling Method for Hydro–/Deuterio–Generation using H_2/O_2 as a Hydrogen/Deuterium Source. <i>ChemSusChem</i> , 2015, 8, 3773-3776.	6.8	49
72	Hydrogen Self–Sufficient Arene Reduction to Cyclohexane Derivatives Using a Combination of Platinum on Carbon and 2–Propanol. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3667-3670.	4.3	19

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73	Palladium on Carbon-Catalyzed Suzuki-Miyaura Coupling Reaction Using an Efficient and Continuous Flow System. <i>Catalysts</i> , 2015, 5, 18-25.	3.5	34
74	Practical remediation of the PCB-contaminated soils. <i>Journal of Environmental Health Science & Engineering</i> , 2015, 13, 9.	3.0	5
75	Development of chelate resin-supported palladium catalysts for chemoselective hydrogenation. <i>Tetrahedron</i> , 2015, 71, 6499-6505.	1.9	24
76	Osmium on Chelate Resin: Nonvolatile Catalyst for the Synthesis of Diols from Alkenes. <i>Synlett</i> , 2015, 26, 700-704.	1.8	11
77	Multiple deuteration of alkanes synergistically-catalyzed by platinum and rhodium on carbon as a mixed catalytic system. <i>RSC Advances</i> , 2015, 5, 13727-13732.	3.6	23
78	Palladium on Carbon-Catalyzed Aqueous Transformation of Primary Alcohols to Carboxylic Acids Based on Dehydrogenation under Mildly Reduced Pressure. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1205-1210.	4.3	65
79	Biarylmethane and Fused Heterocyclic Arene Synthesis via In Situ Generated <i>o</i> - and/or <i>p</i> -Naphthoquinone Methides. <i>Journal of Organic Chemistry</i> , 2015, 80, 5556-5565.	3.2	25
80	Facile Arene Hydrogenation under Flow Conditions Catalyzed by Rhodium or Ruthenium on Carbon. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2492-2497.	2.4	20
81	Stainless-Steel-Mediated Quantitative Hydrogen Generation from Water under Ball Milling Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 683-689.	6.7	31
82	Tertiary-Amino-Functionalized Resin-Supported Palladium Catalyst for the Heterogeneous Suzuki-Miyaura Reaction of Aryl Chlorides. <i>Synlett</i> , 2015, 26, 2014-2018.	1.8	14
83	Biaryl Synthesis by Ring-Opening Friedel-Crafts Arylation of 1,4-Epoxy-1,4-dihydronaphthalenes Catalyzed by Iron Trichloride. <i>Chemistry - A European Journal</i> , 2015, 21, 2222-2229.	3.3	15
84	Palladium on Carbon-Catalyzed Gentle and Quantitative Combustion of Hydrogen at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 313-318.	4.3	11
85	Chemoselective and Direct Functionalization of Methyl Benzyl Ethers and Unsymmetrical Dibenzyl Ethers by Using Iron Trichloride. <i>Chemistry - A European Journal</i> , 2014, 20, 2631-2636.	3.3	40
86	New aspect of chemoselective hydrogenation utilizing heterogeneous palladium catalysts supported by nitrogen- and oxygen-containing macromolecules. <i>Catalysis Science and Technology</i> , 2014, 4, 260-271.	4.1	46
87	Effect of sodium acetate in atom transfer radical addition of polyhaloalkanes to olefins. <i>RSC Advances</i> , 2014, 4, 8657.	3.6	14
88	Iron-Catalyzed Friedel-Crafts Benzylolation with Benzyl TMS Ethers at Room Temperature. <i>Chemistry - A European Journal</i> , 2014, 20, 510-516.	3.3	38
89	Rhodium-on-carbon catalyzed hydrogen scavenger- and oxidant-free dehydrogenation of alcohols in aqueous media. <i>Green Chemistry</i> , 2014, 16, 3439.	9.0	77
90	Systematic evaluation of the palladium-catalyzed hydrogenation under flow conditions. <i>Tetrahedron</i> , 2014, 70, 4790-4798.	1.9	28

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91	Development of Specific Functional Group-directed Hydrogenation Methods. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2014, 72, 39-50.	0.1	7
92	Platinum on Carbon-Catalyzed H-D Exchange Reaction of Aromatic Nuclei due to Isopropyl Alcohol-Mediated Self-Activation of Platinum Metal in Deuterium Oxide. Advanced Synthesis and Catalysis, 2013, 355, 1529-1534.	4.3	52
93	Efficient Generation of ortho-Naphthoquinone Methides from 1,4-Epoxy-1,4-dihydronaphthalenes and Their Annulation with Allyl Silanes. Angewandte Chemie - International Edition, 2013, 52, 1515-1519.	13.8	32
94	Site-Selective Deuterated-Alkene Synthesis with Palladium on Boron Nitride. Chemistry - A European Journal, 2013, 19, 484-488.	3.3	60
95	Chemoselective Hydrogenation Reaction of Unsaturated Bonds in the Presence of an ortho-Nitrobenzenesulfonyl Group. Organic Letters, 2013, 15, 1306-1309.	4.6	19
96	Solvent-free Huisgen cyclization using heterogeneous copper catalysts supported on chelate resins. Green Chemistry, 2013, 15, 490-495.	9.0	33
97	Easily-Controlled Chemoselective Hydrogenation by using Palladium on Boron Nitride. ChemCatChem, 2013, 5, 2360-2366.	3.7	37
98	Efficient H-D Exchange Reactions Using Heterogeneous Platinum-Group Metal on Carbon-H ₂ -D ₂ O System. Synlett, 2012, 23, 959-972.	1.8	90
99	A Practical Protocol for the Hiyama Cross-Coupling Reaction Catalyzed by Palladium on Carbon. Synthesis, 2012, 45, 40-44.	2.3	23
100	Selective N-alkylation of amines using nitriles under hydrogenation conditions: facile synthesis of secondary and tertiary amines. Organic and Biomolecular Chemistry, 2012, 10, 293-304.	2.8	51
101	Iron-Catalyzed Chemoselective Azidation of Benzylic Silyl Ethers. Chemistry - A European Journal, 2012, 18, 16608-16611.	3.3	37
102	Palladium on Carbon-Catalyzed Cross-Coupling using Triarylbi-muths. Advanced Synthesis and Catalysis, 2012, 354, 2561-2567.	4.3	24
103	Chemoselective hydrogenation using molecular sieves-supported Pd catalysts: Pd/MS3A and Pd/MS5A. Tetrahedron, 2012, 68, 8293-8299.	1.9	37
104	Ligand-free Hiyama cross-coupling reaction catalyzed by palladium on carbon. RSC Advances, 2012, 2, 590-594.	3.6	40
105	Development of Diversified Methods for Chemical Modification of the 5,6-Double Bond of Uracil Derivatives Depending on Active Methylene Compounds. Molecules, 2012, 17, 6519-6546.	3.8	2
106	Deuterium-Labeled Benzyladenine: Synthesis and Application as a Surrogate. Heterocycles, 2012, 84, 419.	0.7	12
107	Platinum on Carbon-Catalyzed Hydrodefluorination of Fluoroarenes using Isopropyl Alcohol-Water-Sodium Carbonate Combination. Advanced Synthesis and Catalysis, 2012, 354, 777-782.	4.3	42
108	Development of a Palladium on Boron Nitride Catalyst and its Application to the Semihydrogenation of Alkynes. Advanced Synthesis and Catalysis, 2012, 354, 1264-1268.	4.3	83

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109	Carbonâ€“Carbon Bond Formation by Ligandâ€“free Crossâ€“Coupling Reaction Using Palladium Catalyst Supported on Synthetic Adsorbent. <i>ChemCatChem</i> , 2012, 4, 546-558.	3.7	57
110	Development of Heterogeneous Palladium Catalyst Supported on Synthetic Adsorbent. Yuki Gosei <i>Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2012, 70, 711-721.	0.1	7
111	Palladium on charcoal-catalyzed ligand-free Stille coupling. <i>Tetrahedron</i> , 2010, 66, 8654-8660.	1.9	44
112	Ligandâ€“Free and Heterogeneous Palladium on Carbonâ€“Catalyzed Heteroâ€“Suzukiâ€“Miyaura Crossâ€“Coupling. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 718-730.	4.3	93
113	Palladium on Carbonâ€“Catalyzed Synthesis of Benzil Derivatives from 1,2â€“Diarylalkynes with DMSO and Molecular Oxygen as Dual Oxidants. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1630-1634.	4.3	70
114	Synthesis of deuteriumâ€“labelled drugs by hydrogenâ€“deuterium (Hâ€“D) exchange using heterogeneous catalysis. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2010, 53, 686-692.	1.0	44
115	Pilot-Plant Study of the PCB Degradation at Ambient Temperature and Pressure. <i>Organic Process Research and Development</i> , 2010, 14, 1140-1146.	2.7	22
116	Bimetallic Palladium-Platinum-on-Carbon-Catalyzed H-D Exchange Reaction: Synergistic Effect on Multiple Deuterium Incorporation. <i>Synthesis</i> , 2009, 2009, 2674-2678.	2.3	6
117	Development of Molecular Sievesâ€“Supported Palladium Catalyst and Chemoselective Hydrogenation of Unsaturated Bonds in the Presence of Nitro Groups. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2091-2095.	4.3	41
118	A Highly Active Heterogeneous Palladium Catalyst Supported on a Synthetic Adsorbent. <i>Chemistry - A European Journal</i> , 2009, 15, 834-837.	3.3	45
119	Efficient and Practical Arene Hydrogenation by Heterogeneous Catalysts under Mild Conditions. <i>Chemistry - A European Journal</i> , 2009, 15, 6953-6963.	3.3	129
120	Pd(O)â€“polyethyleneimine complex as a partial hydrogenation catalyst of alkynes to alkenes. <i>Journal of Molecular Catalysis A</i> , 2009, 307, 77-87.	4.8	39
121	A simple and efficient oxidation of alcohols with ruthenium on carbon. <i>Chemical Communications</i> , 2009, , 5159.	4.1	61
122	Ligandâ€“Free Sonogashira Coupling Reactions with Heterogeneous Pd/C as the Catalyst. <i>Chemistry - A European Journal</i> , 2008, 14, 6994-6999.	3.3	84
123	Partial Hydrogenation of Alkynes to <i>cis</i> -Olefins by Using a Novel Pd ⁰ -Polyethyleneimine Catalyst. <i>Chemistry - A European Journal</i> , 2008, 14, 5109-5111.	3.3	84
124	Novel Palladiumâ€“onâ€“Carbon/Diphenyl Sulfide Complex for Chemoselective Hydrogenation: Preparation, Characterization, and Application. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 406-410.	4.3	88
125	A Convenient and Effective Method for the Regioselective Deuteration of Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2215-2218.	4.3	56
126	Evaluation of Aromatic Amination Catalyzed by Palladium on Carbon: A Practical Synthesis of Triarylaminines. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2767-2777.	4.3	54

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127	Pd/C-catalyzed practical degradation of PCBs at room temperature. <i>Applied Catalysis B: Environmental</i> , 2008, 81, 274-282.	20.2	53
128	H-D Exchange Reaction Taking Advantage of the Synergistic Effect of Heterogeneous Palladium and Platinum Mixed Catalyst. <i>Synthesis</i> , 2008, 2008, 1467-1478.	2.3	12
129	Efficient and Selective Pt/C-Catalyzed H ² Exchange Reaction of Aromatic Rings. <i>Bulletin of the Chemical Society of Japan</i> , 2008, 81, 278-286.	3.2	68
130	Development of a Practical and Scalable Preparation using Sonication of Pd/Fibroin Catalyst for Chemoselective Hydrogenation. <i>Synthetic Communications</i> , 2007, 37, 4381-4388.	2.1	23
131	Pd/C(en) Catalyzed Chemoselective Hydrogenation in the Presence of Aryl Nitriles. <i>Chemical and Pharmaceutical Bulletin</i> , 2007, 55, 837-839.	1.3	29
132	Ligand-free Pd/C-catalyzed Suzuki-Miyaura coupling reaction for the synthesis of heterobiaryl derivatives. <i>Chemical Communications</i> , 2007, , 5069.	4.1	118
133	An Efficient Deuteration Method Catalyzed by Heterogeneous Platinum Group Metals. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2007, 65, 1179-1190.	0.1	10
134	Heterogeneous Pd/C-Catalyzed Ligand-Free, Room-Temperature Suzuki-Miyaura Coupling Reactions in Aqueous Media. <i>Chemistry - A European Journal</i> , 2007, 13, 5937-5943.	3.3	231
135	Pd/C-Catalyzed Deoxygenation of Phenol Derivatives Using Mg Metal and MeOH in the Presence of NH ₄ OAc. <i>Organic Letters</i> , 2006, 8, 987-990.	4.6	53
136	Pd/C-Catalyzed Chemoselective Hydrogenation in the Presence of Diphenylsulfide. <i>Organic Letters</i> , 2006, 8, 3279-3281.	4.6	137
137	Pd/Câ€“Et ₃ N-mediated catalytic hydrodechlorination of aromatic chlorides under mild conditions. <i>Tetrahedron</i> , 2006, 62, 7926-7933.	1.9	95
138	Facile and catalytic degradation method of DDT using Pd/Câ€“Et ₃ N system under ambient pressure and temperature. <i>Tetrahedron</i> , 2006, 62, 8384-8392.	1.9	34
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143	Highly chemoselective hydrogenation method using novel finely dispersed palladium catalyst on silk-fibroin: its preparation and activity. <i>Tetrahedron</i> , 2005, 61, 2217-2231.	1.9	106
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