Takashi Ikawa

List of Publications by Year
in descending order

62	2,746	201674 27	175258 52
papers	citations	h-index	g-index

84	84	84	2607
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Platinum on carbon-catalysed site-selective Hâ€“D exchange reaction of allylic alcohols using alkyl amines as a hydrogen source. Organic Chemistry Frontiers, 2022, 9, 1986-1991.	4.5	3
2	Catalytic Intramolecular Cyclization of Alkynyl Cyclic Acetals via Chemoselective Activation Leading to a Phenanthrene Core. Bulletin of the Chemical Society of Japan, 2022, 95, 735-742.	3.2	0
3	Aryl Boronic Esters Are Stable on Silica Gel and Reactive under Suzukiâ€“Miyaura Coupling Conditions. Organic Letters, 2022, 24, 3510-3514.	4.6	28
4	Four-Step One-Pot Catalytic Asymmetric Synthesis of Polysubstituted Tricyclic Compounds: Lipase-Catalyzed Dynamic Kinetic Resolution Followed by an Intramolecular Dielsâ€“Alder Reaction. Synlett, 2021, 32, 822-828.	1.8	9
5	Synthetic Studies on the Viridin Skeleton through Regio- and Stereoselective Functionalization of the AE-Ring Moiety. Synlett, 2021, 32, 1187-1191.	1.8	2
6	Could London Dispersion Force Control Regioselective (2 + 2) Cyclodimerizations of Benzynes? YES: Application to the Synthesis of Helical Biphenylenes. Journal of the American Chemical Society, 2021, 143, 10853-10859.	13.7	19
7	Oneâ€Pot Generation of Benzynes from Phenols: Formation of Primary Anilines by the Deoxyamination of Phenols. Chemistry - A European Journal, 2020, 26, 4320-4332.	3.3	13
8	One-Pot Generation of Functionalized Benzynes from Readily Available 2-Hydroxyphenylboronic Acids. Journal of Organic Chemistry, 2020, 85, 3383-3392.	3.2	8
9	3-(Triflyloxy)benzynes Enable the Regiocontrolled Cycloaddition of Cyclic Ureas to Synthesize 1,4-Benzodiazepine Derivatives. Synlett, 2018, 29, 943-948.	1.8	18
10	Synthesis of Optically Active 2,3-Disubstituted Indoline ÂDerivatives through Cycloaddition Reactions between Benzynes and Î±,Î²-Unsaturated Î³-Aminobutyronitriles. Synlett, 2018, 29, 530-536.	1.8	6
11	Microflow Fluorinations of Benzynes: Efficient Synthesis of Fluoroaromatic Compounds. Chemical and Pharmaceutical Bulletin, 2018, 66, 1153-1164.	1.3	9
12	2-(Trimethylsilyl)phenyl Trimethylsilyl Ethers as Stable and Readily Accessible Benzyne Precursors. Journal of Organic Chemistry, 2017, 82, 4242-4253.	3.2	25
13	Regioselective Rearrangement of 4,4-Disubstituted 2-Hydroxycyclohexa-2,5-Dienones under Deoxyfluorination Conditions. Journal of Organic Chemistry, 2017, 82, 13141-13151.	3.2	5
14	Preparation of optically active cycloalkenes bearing all-carbon quaternary stereogenic centres via lipaseâ€“oxovanadium combo-catalysed dynamic kinetic resolution. Green Chemistry, 2017, 19, 411-417.	9.0	21
15	Diversity Oriented Synthesis of Allocolchicinoids with Fluoro and/or Oxygen Substituent(s) on the Câ€Ring from a Single Common Intermediate. European Journal of Organic Chemistry, 2016, 2016, 1562-1576.	2.4	14
16	1,3- and 1,4-Benzdiyne equivalents for regioselective synthesis of polycyclic heterocycles. Chemical Science, 2016, 7, 5206-5211.	7.4	59
17	Spatial effects of oxovanadium-immobilized mesoporous silica on racemization of alcohols and application in lipase-catalyzed dynamic kinetic resolution. Catalysis Science and Technology, 2016, 6, 5023-5030.	4.1	26
18	2â€[(Neopentyl glycolato)boryl]phenyl Triflates and Halides for Fluoride Ionâ€Mediated Generation of Functionalized Benzynes. Advanced Synthesis and Catalysis, 2015, 357, 2287-2300.	4.3	31

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19	Development of a highly efficient single-mode microwave applicator with a resonant cavity and its application to continuous flow syntheses. RSC Advances, 2015, 5, 10204-10210.	3.6	39
20	Trifluoromethanesulfonyloxy-group-directed regioselective (3 + 2) cycloadditions of benzynes for the synthesis of functionalized benzo-fused heterocycles. Organic and Biomolecular Chemistry, 2015, 13, 520-526.	2.8	43
21	Concise Synthesis of Multisubstituted Isoquinolines from Pyridines by Regioselective Dielsâ€“Alder Reactions of 2â€Silylâ€3,4â€pyridynes. Chemistry - A European Journal, 2014, 20, 16228-16232.	3.3	19
22	Synthesis of Fluorinated Aromatic Compounds by One-Pot Benzyne Generation and Nucleophilic Fluorination. Australian Journal of Chemistry, 2014, 67, 475.	0.9	25
23	Dress-up chiral columns for the enantioseparation of amino acids based on fluorous separation. Analytical and Bioanalytical Chemistry, 2013, 405, 8121-8129.	3.7	5
24	ortho-Selective nucleophilic addition of amines to 3-borylbenzynes: synthesis of multisubstituted anilines by the triple role of the boryl group. Organic and Biomolecular Chemistry, 2013, 11, 8145.	2.8	31
25	Regiocomplementary Cycloaddition Reactions of Boryl- and Silylbenzynes with 1,3-Dipoles: Selective Synthesis of Benzo-Fused Azole Derivatives. Journal of Organic Chemistry, 2013, 78, 2965-2983.	3.2	70
26	Generation of 3-borylbenzynes, their regioselective Dielsâ€“Alder reactions, and theoretical analysis. Tetrahedron, 2013, 69, 4338-4352.	1.9	32
27	Discovery of Aromatic Components with Excellent Fragrance Properties and Biological Activities: Î²-Ionols with Antimelanogenetic Effects and Their Asymmetric Syntheses. Chemical and Pharmaceutical Bulletin, 2013, 61, 310-314.	1.3	11
28	Palladium-Catalyzed One-Pot Cross-Coupling of Phenols Using Nonafluorobutanesulfonyl Fluoride. Synlett, 2012, 23, 2241-2246.	1.8	13
29	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
30	Experimental and Theoretical Studies on Regiocontrol of Benzyne Reactions Using Silyl and Boryl Directing Groups. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2012, 70, 1123-1133.	0.1	17
31	A Domino Process for Benzyne Preparation: Dual Activation of o-(Trimethylsilyl)phenols by Nonafluorobutanesulfonyl Fluoride. Organic Letters, 2011, 13, 1730-1733.	4.6	57
32	orthoâ€Selective Nucleophilic Addition of Primary Amines to Silylbenzynes: Synthesis of 2â€Silylanilines. Angewandte Chemie - International Edition, 2011, 50, 5674-5677.	13.8	72
33	Preparation and Regioselective Dielsâ€“Alder Reactions of Borylbenzynes: Synthesis of Functionalized Arylboronates. Angewandte Chemie - International Edition, 2010, 49, 5563-5566.	13.8	69
34	Novel deprotection method of Fmoc group under neutral hydrogenation conditions. Amino Acids, 2009, 36, 493-499.	2.7	16
35	Pd(0)â€“polyethyleneimine complex as a partial hydrogenation catalyst of alkynes to alkenes. Journal of Molecular Catalysis A, 2009, 307, 77-87.	4.8	39
36	Partial Hydrogenation of Alkynes to cisâ€Olefins by Using a Novel Pd⁰â€“Polyethyleneimine Catalyst. Chemistry - A European Journal, 2008, 14, 5109-5111.	3.3	84

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37	Synthesis of Biaryl Compounds through Threeâ€Component Assembly: Ambidentate Effect of the tertâ€Butyldimethylsilyl Group for Regioselective Dielsâ€“Alder and Hiyama Coupling Reactions. Angewandte Chemie - International Edition, 2008, 47, 7673-7676.	13.8	89
38	Evaluation of Aromatic Amination Catalyzed by Palladium on Carbon: A Practical Synthesis of Triarylamines. Advanced Synthesis and Catalysis, 2008, 350, 2767-2777.	4.3	54
39	Development of a Practical and Scalable Preparation using Sonication of Pd/Fibroin Catalyst for Chemoselective Hydrogenation. Synthetic Communications, 2007, 37, 4381-4388.	2.1	23
40	Pd-Catalyzed Amidations of Aryl Chlorides Using Monodentate Biaryl Phosphine Ligands:â€‰ A Kinetic, Computational, and Synthetic Investigation. Journal of the American Chemical Society, 2007, 129, 13001-13007.	13.7	240
41	Mechanistic Study of a Pd/C-Catalyzed Reduction of Aryl Sulfonates Using the Mgâ€“MeOHâ€“NH4OAc System. Chemistry - A European Journal, 2007, 13, 1432-1441.	3.3	39
42	Palladium on carbon-diethylamine-mediated hydrodeoxygenation of phenol derivatives under mild conditions. Tetrahedron, 2007, 63, 1270-1280.	1.9	26
43	Pd/C-Catalyzed Deoxygenation of Phenol Derivatives Using Mg Metal and MeOH in the Presence of NH4OAc. Organic Letters, 2006, 8, 987-990.	4.6	53
44	The Selective Reaction of Aryl Halides with KOH:Â Synthesis of Phenols, Aromatic Ethers, and Benzofurans. Journal of the American Chemical Society, 2006, 128, 10694-10695.	13.7	425
45	Monodentate Phosphines Provide Highly Active Catalysts for Pd-Catalyzed Cï¿½N Bond-Forming Reactions of Heteroaromatic Halides/Amines and (H)N-Heterocycles. Angewandte Chemie - International Edition, 2006, 45, 6523-6527.	13.8	279
46	Reductive and Catalytic Monoalkylation of Primary Amines Using Nitriles as an Alkylating Reagent.. ChemInform, 2005, 36, no.	0.0	0
47	Highly Chemoselective Hydrogenation Method Using Novel Finely Dispersed Palladium Catalyst on Silk-Fibroin: Its Preparation and Activity.. ChemInform, 2005, 36, no.	0.0	0
48	Highly Chemoselective Hydrogenation Method Using Novel Finely Dispersed Palladium Catalyst on Silk-Fibroin: Its Preparation and Activity.. ChemInform, 2005, 36, no.	0.0	0
49	Highly chemoselective hydrogenation method using novel finely dispersed palladium catalyst on silk-fibroin: its preparation and activity. Tetrahedron, 2005, 61, 2217-2231.	1.9	106
50	Development of Highly Chemoselective Hydrogenation Using Novel Palladium(0)-Fibroin Catalyst. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2005, 63, 1218-1231.	0.1	14
51	A Practical and One-Pot Procedure for the Synthesis of 3-Amino-2-cyclohexen-1-one from 3-Aminophenol. Organic Process Research and Development, 2005, 9, 219-220.	2.7	8
52	Solvent-modulated Pd/C-catalyzed deprotection of silyl ethers and chemoselective hydrogenation. Tetrahedron, 2004, 60, 6901-6911.	1.9	48
53	Markedly Chemoselective Hydrogenation with Retention of Benzyl Ester and N-Cbz Functions Using a Heterogeneous Pd-Fibroin Catalyst.. ChemInform, 2004, 35, no.	0.0	0
54	Solvent-Modulated Pd/C-Catalyzed Deprotection of Silyl Ethers and Chemoselective Hydrogenation.. ChemInform, 2004, 35, no.	0.0	0

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55	Unexpected deprotection of silyl and THP ethers induced by serious disparity in the quality of Pd/C catalysts and elucidation of the mechanism. Tetrahedron, 2004, 60, 6189-6195.	1.9	46
56	Reductive and Catalytic Monoalkylation of Primary Amines Using Nitriles as an Alkylating Reagent. Organic Letters, 2004, 6, 4977-4980.	4.6	94
57	Preparation of Silk Fibroin-Supported Pd(0) Catalyst for Chemoselective Hydrogenation: Reduction of Palladium(II) Acetate by Methanol on the Protein.. ChemInform, 2003, 34, no.	0.0	0
58	Significant supplier-dependent disparity in catalyst activity of commercial Pd/C toward the cleavage of triethylsilyl ether. Tetrahedron Letters, 2003, 44, 7407-7410.	1.4	33
59	Markedly chemoselective hydrogenation with retention of benzyl ester and N-Cbz functions using a heterogeneous Pd-fibroin catalyst. Tetrahedron Letters, 2003, 44, 8437-8439.	1.4	36
60	Preparation of silk fibroin-supported Pd(0) catalyst for chemoselective hydrogenation: reduction of palladium(II) acetate by methanol on the protein. Tetrahedron Letters, 2003, 44, 171-174.	1.4	58
61	A remarkable solvent effect toward the Pd/C-catalyzed cleavage of silyl ethersElectronic supplementary information (ESI) available: characterization data and references and supplementary Tables 4 and 5. See http://www.rsc.org/suppdata/cc/b2/b211313a/. Chemical Communications, 2003, , 654-655.	4.1	39
62	Highly Selective Synthesis of cisâ€2,2,4,4â€Tetramethylcyclobutaneâ€1,3â€diol via Solventâ€Free Hydrogenation and Isomerization. Asian Journal of Organic Chemistry, 0, , .	2.7	1