

Hideto Miyabe

List of Publications by Year in descending order

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71
papers

2,888
citations

136950

32
h-index

175258

52
g-index

83
all docs

83
docs citations

83
times ranked

1992
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidation of α,β -Unsaturated Ketones by Organophotocatalysis Using Rhodamine 6G under Visible Light Irradiation: Insight into the Reaction Mechanism. <i>Synthesis</i> , 2022, 54, 697-704.	2.3	3
2	Aryne-Mediated Synthesis of Oxygen Heterocycles and Application to Cysteine-Selective Trapping. <i>Heterocycles</i> , 2021, 102, 3.	0.7	2
3	Aryne Precursors for Selective Generation of 3-Haloarynes: Preparation and Application to Synthetic Reactions. <i>Journal of Organic Chemistry</i> , 2020, 85, 13544-13556.	3.2	11
4	Photocatalytic single electron transfer reactions on TiO ₂ semiconductor. <i>Science China Chemistry</i> , 2019, 62, 1439-1449.	8.2	12
5	Stereoselective Organic Reactions in Heterogeneous Semiconductor Photocatalysis. <i>Frontiers in Chemistry</i> , 2019, 7, 630.	3.6	27
6	Catalytic and Enantioselective C-C Bond Forming Radical Reactions. , 2019, , .		0
7	Chiral α -hydroxy acid-coadsorbed TiO ₂ photocatalysts for asymmetric induction in hydrogenation of aromatic ketones. <i>Chemical Communications</i> , 2018, 54, 12610-12613.	4.1	11
8	Transition-Metal-Free Activation of Amide Bond by Arynes. <i>Molecules</i> , 2018, 23, 2145.	3.8	12
9	Oxidative Functionalization of Cinnamaldehyde Derivatives: Control of Chemoselectivity by Organophotocatalysis and Dual Organocatalysis. <i>Journal of Organic Chemistry</i> , 2018, 83, 8962-8970.	3.2	21
10	Iron(III) Chloride Promoted Oxidative Radical Cyclization for the Synthesis of Lactams Having a Quaternary Carbon. <i>Synlett</i> , 2017, 28, 863-867.	1.8	6
11	Progress in Enantioselective Radical Cyclizations. <i>Chemistry - A European Journal</i> , 2017, 23, 6225-6236.	3.3	44
12	Frontispiece: Progress in Enantioselective Radical Cyclizations. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0
13	Unique Strategies for Controlling Enantioselective Stereochemistry of Cyclizations via Radical Intermediates. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 3302-3310.	2.4	11
14	Aqueous-Medium Selective Modification of Cysteine and Related Thiols with Tricyclic Oxygen-Heterocycles. <i>Synthesis</i> , 2017, 49, 4887-4892.	2.3	4
15	Photo-Induced Atom-Transfer Radical Reactions Using Charge-Transfer Complex between Iodine and Tertiary Amine. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 33-35.	1.3	9
16	Reactivity of Trapped and Accumulated Electrons in Titanium Dioxide Photocatalysis. <i>Catalysts</i> , 2017, 7, 303.	3.5	60
17	Aqueous-Medium Carbon-Carbon Bond-Forming Radical Reactions Catalyzed by Excited Rhodamine B as a Metal-Free Organic Dye under Visible Light Irradiation. <i>Journal of Organic Chemistry</i> , 2016, 81, 7217-7229.	3.2	41
18	Photoreductive transformation of fluorinated acetophenone derivatives on titanium dioxide: Defluorination vs. reduction of carbonyl group. <i>Applied Catalysis A: General</i> , 2016, 521, 68-74.	4.3	15

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19	Photohydrogenation of Acetophenone Using Coumarin Dye-Sensitized Titanium Dioxide under Visible Light Irradiation. <i>Catalysts</i> , 2015, 5, 1417-1424.	3.5	12
20	Synthesis of Oxygen Heterocycles via Aromatic C-O Bond Formation Using Arynes. <i>Molecules</i> , 2015, 20, 12558-12575.	3.8	48
21	2,3,4,9-Tetrahydro-9-(3-hydroxy-1,4-dioxo-1H-dihydro-naphthalen-2-yl)-8-methoxy-3,3-dimethyl-1H-xanthen-1-one. <i>MolBank</i> , 2015, 2015, M841.	0.5	5
22	Carbon radical addition-cyclization reaction induced by ruthenium-photocatalyst under visible light irradiation. <i>Tetrahedron</i> , 2015, 71, 773-781.	1.9	24
23	Multicomponent Coupling Reaction Using Arynes: Synthesis of Xanthene Derivatives. <i>Journal of Organic Chemistry</i> , 2015, 80, 8464-8469.	3.2	37
24	Direct Photoinduced Electron Transfer from Excited State of Rhodamine B for Carbon-Radical Generation. <i>Synlett</i> , 2015, 26, 265-270.	1.8	18
25	Insertion of Arynes into the C-C Bond Giving [2+2] Cycloaddition-type Adducts. <i>Current Organic Chemistry</i> , 2015, 19, 1222-1241.	1.6	13
26	Research and Development of Domino Radical Cyclization Reactions. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2015, 73, 895-901.	0.1	1
27	Dye-sensitized photo-hydrogenation of aromatic ketones on titanium dioxide under visible light irradiation. <i>Catalysis Communications</i> , 2014, 43, 61-65.	3.3	29
28	[4+2] cycloaddition of intermediates generated from aryynes and DMF. <i>Tetrahedron Letters</i> , 2014, 55, 1402-1405.	1.4	46
29	Kinetic study on photocatalytic hydrogenation of acetophenone derivatives on titanium dioxide. <i>Catalysis Science and Technology</i> , 2014, 4, 1084.	4.1	38
30	Three-Component Coupling Reactions of Arynes for the Synthesis of Benzofurans and Coumarins. <i>Molecules</i> , 2014, 19, 863-880.	3.8	20
31	Cascade radical reactions via carbon-carbon/heteroatom bond-forming process. <i>Universal Organic Chemistry</i> , 2014, 2, 1.	0.7	4
32	Straightforward Synthesis of Dihydrobenzofurans and Benzofurans from Arynes. <i>Organic Letters</i> , 2013, 15, 3938-3941.	4.6	54
33	Photocatalytic Cascade Carbon-Carbon Bond-Forming Radical Reaction in Aqueous Media. <i>Synlett</i> , 2013, 24, 1578-1582.	1.8	11
34	Cascade radical reaction of substrates with a carbon-carbon triple bond as a radical acceptor. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1148-1155.	2.2	21
35	Inter- and Intramolecular Carbon-Carbon Bond-Forming Radical Reactions. <i>Synlett</i> , 2012, 23, 1709-1724.	1.8	31
36	Polarity-Mismatched Addition of Electrophilic Carbon Radicals to an Electron-Deficient Acceptor: Cascade Radical Addition-cyclization-trapping Reaction. <i>Journal of Organic Chemistry</i> , 2012, 77, 8588-8604.	3.2	39

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37	Lewis acid-mediated radical cyclization: stereocontrol in cascade radical addition–cyclization–trapping reactions. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3519.	2.8	19
38	Adsorptive and Kinetic Properties on Photocatalytic Hydrogenation of Aromatic Ketones upon UV Irradiated Polycrystalline Titanium Dioxide: Differences between Acetophenone and Its Trifluoromethylated Derivative. <i>Journal of Physical Chemistry C</i> , 2012, 116, 17705-17713.	3.1	31
39	Insertion of arynes into the carbon–oxygen double bond of amides and its application into the sequential reactions. <i>Tetrahedron</i> , 2012, 68, 179-189.	1.9	53
40	Regio- and Enantioselective Allylic Substitution with Less Active N- or O-Nucleophiles Catalyzed by Iridium-Complex of Bis(oxazolonyl)pyridine. <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 714-720.	1.3	9
41	A Multicomponent Coupling Reaction Induced by Insertion of Arynes into the C–O Bond of Formamide. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6638-6642.	13.8	162
42	Sequential Reaction of Arynes via Insertion into the C–Bond of Amides and Trapping Reaction with Dialkylzincs. <i>Organic Letters</i> , 2010, 12, 1956-1959.	4.6	105
43	Progress in Intermolecular Carbon Radical Addition to Imine Derivatives. <i>Current Organic Chemistry</i> , 2010, 14, 1254-1264.	1.6	61
44	Photocatalytic hydrogenation of acetophenone derivatives and diaryl ketones on polycrystalline titanium dioxide. <i>Catalysis Communications</i> , 2010, 11, 1049-1053.	3.3	50
45	Synthesis of chiral oxime ethers based on regio- and enantioselective allylic substitution catalyzed by iridium–pybox complex. <i>Tetrahedron</i> , 2009, 65, 4464-4470.	1.9	25
46	Palladium- or Iridium-Catalyzed Allylic Substitution of Guanidines: Convenient and Direct Modification of Guanidines. <i>Journal of Organic Chemistry</i> , 2009, 74, 305-311.	3.2	24
47	Enantioselective Radical Cyclization for the Synthesis of Cyclic Compounds. <i>Heterocycles</i> , 2009, 79, 229.	0.7	23
48	Regioselective Hydroxysulfonylation of α,β -Unsaturated Imines: Enhanced Stability of an Intermediate Radical. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5600-5604.	13.8	55
49	Enantioselective synthesis of [1,2]-oxazinone scaffolds and [1,2]-oxazine core structures of FR900482. <i>Tetrahedron</i> , 2008, 64, 1040-1048.	1.9	25
50	Enantioselective Cascade Radical Addition-Cyclization of Oxime Ethers. <i>Synlett</i> , 2007, 2007, 1885-1888.	1.8	17
51	Enantioselective Radical Cyclizations: A New Approach to Stereocontrol of Cascade Reactions. <i>Chemistry - A European Journal</i> , 2007, 13, 7280-7286.	3.3	66
52	Reactive Ketimino Radical Acceptors: Intermolecular Alkyl Radical Addition to Imines with a Phenolic Hydroxyl Group. <i>Journal of Organic Chemistry</i> , 2006, 71, 2099-2106.	3.2	60
53	Enantioselective Cascade Radical Addition–Cyclization–Trapping Reactions. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5863-5866.	13.8	60
54	Tandem Radical-Addition-Aldol-Type Reaction of an α,β -Unsaturated Oxime Ether. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6190-6193.	13.8	63

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55	Regio- and Stereocontrolled Palladium- or Iridium-Catalyzed Allylation. <i>Synlett</i> , 2005, 2005, 1641-1655.	1.8	45
56	Zinc-mediated carbon radical addition to glyoxylic imines in aqueous media for the synthesis of $\hat{1}\pm$ -amino acids. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1124-1128.	2.8	45
57	Hydroxylamines as Oxygen Atom Nucleophiles in Transition-Metal-Catalyzed Allylic Substitution. <i>Journal of Organic Chemistry</i> , 2005, 70, 2148-2153.	3.2	69
58	Selective Synthesis of Allylated Oxime Ethers and Nitrones Based on Palladium-Catalyzed Allylic Substitution of Oximes. <i>Journal of Organic Chemistry</i> , 2005, 70, 5630-5635.	3.2	46
59	Palladium or Iridium-Catalyzed Allylic Substitution of Guanidines having Electron-Withdrawing Substituents. <i>Letters in Organic Chemistry</i> , 2004, 1, 119-121.	0.5	7
60	Utility of the Iridium Complex of the Pybox Ligand in Regio- and Enantioselective Allylic Substitution. <i>Organic Letters</i> , 2004, 6, 4631-4634.	4.6	108
61	Enantio- and Diastereoselective Ir-Catalyzed Allylic Substitutions for Asymmetric Synthesis of Amino Acid Derivatives. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2054-2056.	13.8	170
62	Iridium-Mediated Tandem Radical Addition $\hat{2}$ Cyclization-Trap Reactions in Aqueous Media. <i>Organic Letters</i> , 2003, 5, 3835-3838.	4.6	83
63	Synthesis of $\hat{1}^2$ -Substituted $\hat{1}\pm$ -Amino Acids with Use of Iridium-Catalyzed Asymmetric Allylic Substitution. <i>Journal of Organic Chemistry</i> , 2003, 68, 6197-6201.	3.2	107
64	Tandem Carbon $\hat{2}$ Carbon Bond-Forming Radical Addition-Cyclization Reaction of Oxime Ether and Hydrazone. <i>Journal of Organic Chemistry</i> , 2003, 68, 5618-5626.	3.2	71
65	Solid-phase tandem radical addition $\hat{2}$ cyclisation reaction of oxime ethers. <i>Chemical Communications</i> , 2001, , 831-832.	4.1	31
66	A New Alternative to the Mannich Reaction: $\hat{2}$ Tandem Radical Addition $\hat{2}$ Cyclization Reaction for Asymmetric Synthesis of $\hat{1}^3$ -Butyrolactones and $\hat{1}^2$ -Amino Acids. <i>Organic Letters</i> , 2000, 2, 4071-4074.	4.6	70
67	Asymmetric Synthesis of $\hat{1}\pm$ -Amino Acids Based on Carbon Radical Addition to Glyoxylic Oxime Ether. <i>Journal of Organic Chemistry</i> , 2000, 65, 176-185.	3.2	133
68	Total Synthesis of ($\hat{2}$)-Balanol. <i>Journal of Organic Chemistry</i> , 1998, 63, 4397-4407.	3.2	116
69	Highly diastereoselective radical addition to glyoxylic oxime ether: asymmetric synthesis of $\hat{1}\pm$ -amino acids. <i>Chemical Communications</i> , 1997, , 1789-1790.	4.1	55
70	Recent Advances in Cooperative N-Heterocyclic Carbene Catalysis. , 0, , .		0
71	Regiocontrol by Halogen Substituent on Arynes: Generation of 3-Haloarynes and Their Synthetic Reactions. <i>Synthesis</i> , 0, 0, .	2.3	4