Ryosuke Matsubara

List of Publications by Citations

32 papers	355 citations	11 h-index	17 g-index
35 ext. papers	444 ext. citations	4.3 avg, IF	3.76 L-index

#	Paper	IF	Citations
32	Aerobic oxidation of hydroquinone derivatives catalyzed by polymer-incarcerated platinum catalyst. *Angewandte Chemie - International Edition*, **2008**, 47, 8093-5	16.4	73
31	Polymer Incarcerated Gold Catalyzed Aerobic Oxidation of Hydroquinones and Their Derivatives. *Chemistry Letters*, **2008**, 37, 360-361	1.7	49
30	UVA- and Visible-Light-Mediated Generation of Carbon Radicals from Organochlorides Using Nonmetal Photocatalyst. *Journal of Organic Chemistry*, **2018**, 83, 9381-9390	4.2	35
29	Photosensitization of Fluorofuroxans and Its Application to the Development of Visible Light-Triggered Nitric Oxide Donor. *Journal of Organic Chemistry*, **2017**, 82, 9647-9654	4.2	15
28	Photoinduced Charge-Transfer State of 4-Carbazolyl-3-(trifluoromethyl)benzoic Acid: Photophysical Property and Application to Reduction of Carbon-Halogen Bonds as a Sensitizer. *Chemistry - an Asian Journal*, **2016**, 11, 2006-10	4.5	15
27	Fluorofuroxans: Synthesis and Application as Photoinduced Nitric Oxide Donors. *Asian Journal of Organic Chemistry*, **2016**, 5, 886-890	3	14
26	Dehydrogenative Formation of Resorcinol Derivatives Using Pd/C-Ethylene Catalytic System. *Journal of Organic Chemistry*, **2017**, 82, 2630-2640	4.2	12
25	Study on the Photoinduced Nitric-Oxide-Releasing Ability of 4-Alkoxy Furoxans. *Asian Journal of Organic Chemistry*, **2017**, 6, 619-626	3	11
24	Synthesis of alkynyl furoxans. Rare carbon-carbon bond-forming reaction on a furoxan ring. *Organic and Biomolecular Chemistry*, **2017**, 15, 1965-1969	3.9	11
23	Synthesis of Arylamines via Non-Aerobic Dehydrogenation Using a Palladium/Carbon-Ethylene System. *Advanced Synthesis and Catalysis*, **2018**, 360, 3297-3305	5.6	11
22	Synthesis of cyanofuroxans from 4-nitrofuroxans via C C bond forming reactions. *Tetrahedron Letters*, **2017**, 58, 3337-3340	2	11
21	Modular Synthesis of Carbon-Substituted Furoxans via Radical Addition Pathway. Useful Tool for Transformation of Aliphatic Carboxylic Acids Based on "Build-and-Scrap" Strategy. *Organic Letters*, **2020**, 22, 1182-1187	6.2	10
20	Synthesis and Synthetic Application of Chloro- and Bromofuroxans. *Journal of Organic Chemistry*, **2020**, 85, 5959-5972	4.2	9
19	9-Aryl-3-aminocarbazole as an Environment- and Stimuli-Sensitive Fluorogen and Applications in Lipid Droplet Imaging. *Journal of Organic Chemistry*, **2019**, 84, 5535-5547	4.2	8
18	Conversion of Cyclohexanones to Alkyl Aryl Ethers by Using a Pd/C-Ethylene System. *European Journal of Organic Chemistry*, **2017**, 2017, 409-413	3.2	8
17	Synthesis of Furoxans from Styrenes under Basic or Neutral Conditions. *Synthesis*, **2013**, 45, 1524-1528	2.9	8
16	Photocatalytic Reductive C-O Bond Cleavage of Alkyl Aryl Ethers by Using Carbazole Catalysts with Cesium Carbonate. *Journal of Organic Chemistry*, **2021**, 86, 2545-2555	4.2	7

List of Publications

15	Synthesis of Substituted Anilines from Cyclohexanones Using Pd/C-Ethylene System and Its Application to Indole Synthesis. *Organic Letters*, **2021**, 23, 1530-1534	6.2	7
14	Activated Carbon-Promoted Dehydrogenation of Hydroquinones to Benzoquinones, Naphthoquinones, and Anthraquinones under Molecular Oxygen Atmosphere. *Journal of Organic Chemistry*, **2019**, 84, 2997-3003	4.2	6
13	Inositol Hexakis Phosphate is the Seasonal Phosphorus Reservoir in the Deciduous Woody Plant Populus alba L. *Plant and Cell Physiology*, **2017**, 58, 1477-1485	4.9	5
12	Synthesis of Furoxans (1,2,5-oxadiazole 2-oxides) from Styrenes and Nitrosonium Tetrafluoroborate in Non-Acidic Media and Mechanistic Study. *Journal of Heterocyclic Chemistry*, **2016**, 53, 1094-1105	1.9	5
11	Synthesis of sulfonyloxy furoxans via hydroxyfuroxan ammonium salts. *Tetrahedron*, **2018**, 74, 3642-3651	2.4	5
10	Revisiting the Saito Photochemical Reduction and the Development of a One-Pot Deoxygenation of Alcohols. *Asian Journal of Organic Chemistry*, **2014**, 3, 1054-1057	3	4
9	Borylfuroxans: Synthesis and Applications. *Organic Letters*, **2021**, 23, 4317-4321	6.2	4
8	A Fluorescent Naphthalenediimide-Alkoxyfuroxan Photoinduced Nitric Oxide Donor. *Bulletin of the Chemical Society of Japan*, **2019**, 92, 162-169	5.1	4
7	Selective Synthesis of Some Aminosugars via Catalytic Aminohydroxylation of Protected 2,3-Unsaturated d-Gluco- and d-Galacto-2-hexenopyranosides. *Journal of Organic Chemistry*, **2020**, 85, 9179-9189	4.2	2
6	Regiodivergent Desymmetrization Reaction of -Azabicycloheptene Providing Two Enantioenriched Structural Isomers. *Organic Letters*, **2021**, 23, 2411-2414	6.2	2
5	Synthesis of Enantiomerically Pure (8S,9S,10R,6Z)-Trihydroxyoctadec-6-enoic Acid. *Journal of Organic Chemistry*, **2017**, 82, 5146-5154	4.2	1
4	Selective Synthesis of Partially Protected d-Talopyranosides and d-Gulopyranosides via Catalytic Asymmetric Dihydroxylation: Multiplier Effects of Substrate Control and Catalyst Control. *Organic Letters*, **2016**, 18, 6058-6061	6.2	1
3	Photoinduced Nitrile Formation from O-(Arylcarbonyl) oxime: Usage as a Photoremovable Protecting Group. *ChemPhotoChem*, **2018**, 2, 1012-1016	3.3	1
2	Furoxan Incorporation into C-H Bonds Enabling Nitrogen-Containing Functional Group Installation into the Same. *Journal of Organic Chemistry*, **2021**, 86, 15807-15817	4.2	1
1	A Concise Synthesis of Asymmetrically 4,5-Disubstituted 9,9-Dimethyl-9H-xanthenes. *Synthesis*, **2015**, 47, 187-192	2.9	0