

Mitsuru Kitamura

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

977
citations

471061

17
h-index

454577

30
g-index

51
all docs

51
docs citations

51
times ranked

785
citing authors

#	ARTICLE	IF	CITATIONS
1	Amination with Oximes. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 4505-4519.	1.2	267
2	Direct Synthesis of Organic Azides from Primary Amines with 2-Azido-1,3-dimethylimidazolium Hexafluorophosphate. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 458-462.	1.2	57
3	2-Azido-1,3-dimethylimidazolium Salts: Efficient Diazo-Transfer Reagents for 1,3-Dicarbonyl Compounds. <i>Synthesis</i> , 2011, 2011, 1037-1044.	1.2	48
4	A reagent for safe and efficient diazo-transfer to primary amines: 2-azido-1,3-dimethylimidazolium hexafluorophosphate. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4397.	1.5	48
5	Pd(OAc) ₂ -Catalyzed Macrocyclization of 1,2-Diazonaphthoquinones with Cyclic Ethers. <i>Organic Letters</i> , 2014, 16, 1554-1557.	2.4	44
6	Synthesis of Primary Amines and N-Methylamines by the Electrophilic Amination of Grignard Reagents with 2-Imidazolidinone O-Sulfonyloxime. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 1063-1070.	2.0	42
7	2-Azido-1,3-dimethylimidazolium Chloride: An Efficient Diazo Transfer Reagent for 1,3-Dicarbonyl Compounds. <i>Synlett</i> , 2009, 2009, 2943-2944.	1.0	36
8	Direct Synthesis of Organic Azides from Alcohols Using 2-Azido-1,3-dimethylimidazolium Hexafluorophosphate. <i>Synlett</i> , 2012, 23, 1335-1338.	1.0	36
9	Synthesis of Diazonaphthoquinones from Naphthols by Diazo-Transfer Reaction with 2-Azido-1,3-dimethylimidazolium Chloride. <i>Synlett</i> , 2010, 2010, 2503-2505.	1.0	33
10	Pd(II)-catalyzed Formal C-H Insertion Reactions of Diazonaphthoquinones to Acetic Acid: Synthesis of 1,2-Naphthalenediol Derivatives. <i>Chemistry Letters</i> , 2011, 40, 1129-1131.	0.7	29
11	Rhodium-Catalyzed Reaction of Diazonaphthoquinones and Enol Ethers: Synthesis of Dihydronaphthofuran Derivatives and β -Naphthyl Esters. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5045-5049.	1.2	29
12	Palladium-catalyzed cross-coupling reactions of 2-diazonaphthoquinones with arylboronic acids. <i>Tetrahedron Letters</i> , 2011, 52, 1931-1933.	0.7	27
13	Diazonaphthoquinones: Synthesis, Reactions and Applications. <i>Heterocycles</i> , 2016, 92, 1761.	0.4	23
14	Synthesis of 1,2-Naphthalenediol Diacetates by Rhodium-Catalyzed Reaction of 1,2-Diazonaphthoquinones with Acetic Anhydride. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 905-907.	1.2	22
15	Direct Synthesis of Acyl Azides from Carboxylic Acids Using 2-Azido-1,3-dimethylimidazolium Chloride. <i>Chemistry Letters</i> , 2010, 39, 732-733.	0.7	21
16	Synthesis of Diazonaphthoquinones from Naphthols by Diazo-Transfer Reaction. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 824-833.	2.0	18
17	Discovery of InhA inhibitors with anti-mycobacterial activity through a matched molecular pair approach. <i>European Journal of Medicinal Chemistry</i> , 2015, 94, 378-385.	2.6	18
18	Rh-Catalyzed Cyclization of 3-Aryloxy carbonyl diazonaphthoquinones for the Synthesis of β -Phenyl naphthalene Lactones and Formal Synthesis of Pradimicinone. <i>Journal of Organic Chemistry</i> , 2015, 80, 8406-8416.	1.7	17

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19	Synthesis of 1,2-naphthalenediol derivatives by Rh-catalyzed intermolecular O H insertion reaction of 1,2-diazonaphthoquinones with water and alcohols. <i>Tetrahedron Letters</i> , 2017, 58, 3508-3511.	0.7	16
20	Synthesis of $\hat{\pm}$ -diarylacetamides from benzyl aryl ketones using 2-azido-1,3-dimethylimidazolium hexafluorophosphate. <i>Tetrahedron Letters</i> , 2011, 52, 3158-3161.	0.7	15
21	Synthesis Of 2-Azido-1,3-dimethylimidazolium Hexafluorophosphate (ADMP).. <i>Organic Syntheses</i> , 0, 92, 171-181.	1.0	15
22	Development of Safe Diazo-transfer Reagent: Synthesis and Reaction of Guanidino Diazonium Salt (Azide Imidazolium Salt). <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2014, 72, 14-25.	0.0	13
23	Synthesis of $\hat{\pm}$ -Arylcarboxylic Acid Amides from Silyl Enol Ether via Migratory Amidation with 2-Azido-1,3-dimethylimidazolium Hexafluorophosphate. <i>Chemistry Letters</i> , 2013, 42, 691-693.	0.7	11
24	Azidoimidazolium Salts: Safe and Efficient Diazo-transfer Reagents and Unique Azido-donors. <i>Chemical Record</i> , 2017, 17, 653-666.	2.9	11
25	Total Synthesis of Eleuthoside A; Application of Rh-Catalyzed Intramolecular Cyclization of Diazonaphthoquinone. <i>Synlett</i> , 2018, 29, 457-462.	1.0	11
26	Synthetic study of kosinostatin aglycone: synthesis of BCDE rings using alkoxy carbonylmethylation of diazonaphthoquinone. <i>Tetrahedron Letters</i> , 2014, 55, 1653-1656.	0.7	9
27	Synthesis and Evaluation of Neutral Phosphate Triester Backbone-Modified siRNAs. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1457-1462.	1.3	9
28	Selective Transesterification of 2,2,2-Trifluoroethyl Phosphates: Synthesis of Mixed Unsymmetrical Phosphates. <i>Organic Letters</i> , 2019, 21, 9779-9783.	2.4	8
29	SiRNAs with Neutral Phosphate Triester Hydrocarbon Tails Exhibit Carrier-Free Gene-Silencing Activity. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 695-700.	1.3	6
30	Synthesis, structure, and reaction of chiral 2-azidoimidazolium salts: (7a <i>S</i>)-3-azido-5,6,7,7a-tetrahydro-2-[(1 <i>R</i>)-1-phenylethyl]-1 <i>H</i> -pyrrolo[1,2- <i>c</i>]imidazolium hexafluorophosphate and 2-azido-1,3-bis[(<i>S</i>)-1-phenylethyl]imidazolium hexafluorophosphate. <i>Tetrahedron Letters</i> , 2016, 57, 1794-1797.	0.7	5
31	Pd-catalyzed Cyclization of Terminal Alkynes using Diazonaphthoquinones: Synthesis of Naphtho[1,2- <i>c</i>]furans. <i>Chemistry Letters</i> , 2019, 48, 28-31.	0.7	5
32	Building siRNAs with Cubes: Synthesis and Evaluation of Cubane-Modified siRNAs. <i>ChemBioChem</i> , 2021, 22, 2981-2985.	1.3	5
33	Direct Azidation of Phenols. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5824-5827.	1.2	4
34	Improvement of the novel inhibitor for Mycobacterium enoyl-acyl carrier protein reductase (InhA): a structure-activity relationship study of KES4 assisted by in silico structure-based drug screening. <i>Journal of Antibiotics</i> , 2020, 73, 372-381.	1.0	3
35	Pyrrole Formation via Reactivity of $\hat{\pm}$ -4-(Vinylketenimine)iron Complexes with Electron-Deficient Alkynes. <i>Organometallics</i> , 2021, 40, 2929-2933.	1.1	3
36	Synthesis of ($\hat{\pm}$)-myo-inositol 4-methylenephosphonate via Rh-Catalyzed hydrogenation of vinylphosphonate. <i>Carbohydrate Research</i> , 2017, 448, 24-27.	1.1	2

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37	PdBr ₂ -Catalyzed Acetal Formation of Carbonyl Compounds Using Diazophenanthrenequinone: Utility of 9,10-Phenanthrenedioxyacetal. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5319-5322.	1.2	2
38	Synthesis of (-)-Sordarin. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2007, 65, 450-459.	0.0	2
39	Synthesis of Diazoquinones and Azidophenols via Diazo-Transfer Reaction of Phenols. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	2
40	Axially Chiral Bifunctional 8,8-Biquinolyl: Synthesis of 7,7-Dihydroxymethyl-8,8-biquinolyl via Pd-Catalyzed Double C-H Oxidation of 7,7-Dimethyl-8,8-biquinolyl. <i>Journal of Organic Chemistry</i> , 2016, 81, 3956-3960.	1.7	1
41	Rh(II)-catalyzed formal [3+3] cycloaddition of diazonaphthoquinones and propargyl alcohols: Synthesis of 2,3-dihydronaphtho-1,4-dioxin derivatives. <i>Tetrahedron Letters</i> , 2020, 61, 151853.	0.7	1
42	Formal Synthesis of Teadenols via Pd-catalyzed 6-endo Cyclization of Epoxyphenol. <i>Synlett</i> , 0, , .	1.0	1
43	Structural Modification of a Novel Inhibitor for Mycobacterium Enoyl-Acyl Carrier Protein Reductase Assisted by In Silico Structure-Based Drug Screening. <i>International Journal of Mycobacteriology</i> , 2020, 9, 12-17.	0.3	0