

Yuta Murai

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

237
citations

1040056

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266
citing authors

#	ARTICLE	IF	CITATIONS
1	Indole-3-Acetic Acid Produced by Burkholderia helea Acts as a Phenylacetic Acid Antagonist to Disrupt Tropolone Biosynthesis in Burkholderia plantarii. Scientific Reports, 2016, 6, 22596.	3.3	33
2	Comprehensive Synthesis of Photoreactive (3-Trifluoromethyl)diaziriny Indole Derivatives from 5- and 6- Trifluoroacetylindoles for Photoaffinity Labeling. Journal of Organic Chemistry, 2012, 77, 8581-8587.	3.2	31
3	Rapid and Controllable Hydrogen/Deuterium Exchange on Aromatic Rings of α -Amino Acids and Peptides. European Journal of Organic Chemistry, 2013, 2013, 5111-5116.	2.4	25
4	Trifluoromethanesulfonic Acid as Acylation Catalyst: Special Feature for C- and/or O-Acylation Reactions. Catalysts, 2017, 7, 40.	3.5	21
5	Synthesis of Diazirine-Based Photoreactive Saccharin Derivatives for the Photoaffinity Labeling of Gustatory Receptors. European Journal of Organic Chemistry, 2015, 2015, 3129-3134.	2.4	18
6	An automated microliter-scale high-throughput screening system (MSHTS) for real-time monitoring of protein aggregation using quantum-dot nanoprobe. Scientific Reports, 2019, 9, 2587.	3.3	17
7	Malabaricone C as Natural Sphingomyelin Synthase Inhibitor against Diet-Induced Obesity and Its Lipid Metabolism in Mice. ACS Medicinal Chemistry Letters, 2019, 10, 1154-1158.	2.8	15
8	Stereochemical Study of Sphingosine by Vibrational Circular Dichroism. Organic Letters, 2016, 18, 2327-2330.	4.6	12
9	Synthesis of Photoreactive 2-Phenethylamine Derivatives – Synthesis of Adenosine Derivatives Enabling Functional Analysis of Adenosine Receptors by Photoaffinity Labeling. European Journal of Organic Chemistry, 2013, 2013, 2428-2433.	2.4	10
10	Efficient Synthesis of Photoreactive 2-Propoxyaniline Derivatives as Artificial Sweeteners. Synlett, 2016, 27, 946-950.	1.8	8
11	Synthesis of Nontoxic Fluorous Sphingolipids as Molecular Probes of Exogenous Metabolic Studies for Rapid Enrichment by Fluorous Solid Phase Extraction. European Journal of Organic Chemistry, 2017, 2017, 1045-1051.	2.4	8
12	Structure-inspired design of a sphingolipid mimic sphingosine-1-phosphate receptor agonist from a naturally occurring sphingomyelin synthase inhibitor. Chemical Communications, 2018, 54, 12758-12761.	4.1	8
13	Novel Synthesis of Optically Active Bishomotyrosine Derivatives Using the Friedel-Crafts Reaction in Triflic Acid. Bioscience, Biotechnology and Biochemistry, 2011, 75, 352-354.	1.3	7
14	Daurichromenic Acid from the Chinese Traditional Medicinal Plant Rhododendron dauricum Inhibits Sphingomyelin Synthase and $\text{A}\beta$ Aggregation. Molecules, 2020, 25, 4077.	3.8	7
15	Chiral combinatorial preparation and biological evaluation of unique ceramides for inhibition of sphingomyelin synthase. Chirality, 2020, 32, 308-313.	2.6	6
16	New Trends in Diaziridine Formation and Transformation (a Review). Molecules, 2021, 26, 4496.	3.8	6
17	Design and Synthesis of Ligand-Tag Exchangeable Photoaffinity Probe Utilizing Nosyl Chemistry. European Journal of Organic Chemistry, 2019, 2019, 7563-7567.	2.4	3
18	Evaluation of chiral <i>N,N</i> -dimethyl- α -sphingosine for the interaction between nerve growth factor and tropomyosin receptor kinase A. Chirality, 2022, 34, 807-812.	2.6	2