

# Hideki Amii

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

2,182  
citations

840585

11  
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752573

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21  
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21  
docs citations

21  
times ranked

2255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast-track computational access to reaction mechanisms provides comprehensive insights into aminolysis postpolymerization modification reactions. <i>Molecular Systems Design and Engineering</i> , 2022, 7, 1263-1276.	1.7	3
2	Computer-Aided Design of Postpolymerization Modification Reaction Based on Aminolysis of $\hat{1}\pm, \hat{1}\pm$ -Difluoroacetate Esters. <i>Macromolecules</i> , 2021, 54, 364-372.	2.2	7
3	Unveiling $\hat{1}\pm$ -Etherification Effects on the Aminolysis of $\hat{1}\pm, \hat{1}\pm$ -Difluoroacetate Enables the Aminolysis Post-polymerization Modification of $\hat{1}\pm, \hat{1}\pm$ -Difluoro- $\hat{1}\pm$ -(aryloxy)acetate-Containing Polymers. <i>Macromolecules</i> , 2021, 54, 6204-6213.	2.2	6
4	Fundamental insights into aminolysis postpolymerization modification reaction of polymers featuring $\hat{1}\pm, \hat{1}\pm$ -Difluoroacetate Esters. <i>Polymer</i> , 2021, 230, 124058.	1.8	3
5	Synthesis of 3-fluoro-2,5-disubstituted furans through ring expansion of $\hat{1}\pm, \hat{1}\pm$ -difluorocyclopropyl ketones. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3459-3462.	1.5	7
6	Raman Optical Activity on a Solid Sample: Identification of Atropisomers of Perfluoroalkyl Chains Having a Helical Conformation and No Chiral Center. <i>Journal of Physical Chemistry A</i> , 2019, 123, 3985-3991.	1.1	11
7	Solvent-Promoted Catalyst-Free Nucleophilic Fluoroalkylation of Aldehydes. <i>ChemistrySelect</i> , 2019, 4, 2374-2378.	0.7	6
8	Copper-Promoted Cross-Coupling Reactions for the Synthesis of Aryl(difluoromethyl)phosphonates Using Trimethylsilyl(difluoromethyl)phosphonate. <i>Molecules</i> , 2018, 23, 3292.	1.7	12
9	Nucleophilic fluoroalkylation/cyclization route to fluorinated phthalides. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 182-186.	1.3	5
10	Study of Perfluoroalkyl Chain-Specific Band Shift in Infrared Spectra on the Chain Length. <i>Journal of Physical Chemistry A</i> , 2017, 121, 8425-8431.	1.1	14
11	Predicting Counterion Effects Using a Gold Affinity Index and a Hydrogen Bonding Basicity Index. <i>Organic Letters</i> , 2017, 19, 5848-5851.	2.4	70
12	Surface properties of a single perfluoroalkyl group on water surfaces studied by surface potential measurements. <i>Journal of Colloid and Interface Science</i> , 2016, 483, 353-359.	5.0	17
13	An Origin of Complicated Infrared Spectra of Perfluoroalkyl Compounds Involving a Normal Alkyl Group. <i>Chemistry Letters</i> , 2015, 44, 834-836.	0.7	16
14	Enhancement of stereoselectivities in asymmetric synthesis using fluorinated solvents, auxiliaries, and catalysts. <i>RSC Advances</i> , 2015, 5, 17269-17282.	1.7	70
15	An Efficient Route to Difluoromethylated Pyridines. <i>Synthesis</i> , 2012, 44, 3015-3018.	1.2	39
16	Effect of Partial Fluorination in the Myristoyl Groups on Thermal and Interfacial Properties of Dimyristoylphosphatidylcholine. <i>Chemistry Letters</i> , 2012, 41, 1495-1497.	0.7	14
17	Copper-Catalyzed Aromatic Trifluoromethylation <i>via</i> Group Transfer from Fluoral Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1247-1252.	2.1	103
18	Recent Progress in Catalytic Aromatic Trifluoromethylation. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2011, 69, 752-762.	0.0	44

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19	Aromatic trifluoromethylation catalytic in copper. <i>Chemical Communications</i> , 2009, , 1909.	2.2	431
20	C-F Bond Activation in Organic Synthesis. <i>Chemical Reviews</i> , 2009, 109, 2119-2183.	23.0	1,303