

Fei Liu

List of Publications by Year in descending order

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papers

427
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687220

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#	ARTICLE	IF	CITATIONS
1	Enantioselective Trifunctional Organocatalysts for Rate-Enhanced Aza-Morita-Baylis-Hillman Reactions at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 331-338.	2.1	50
2	Trifunctional organocatalyst-promoted counterion catalysis for fast and enantioselective aza-Morita-Baylis-Hillman reactions at ambient temperature. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1272.	1.5	43
3	Base-Assisted Regio- and Diastereoselective Conversion of Functionalized Furans to Butenolides Using Singlet Oxygen. <i>Organic Letters</i> , 2007, 9, 195-198.	2.4	28
4	Systems Proteomics View of the Endogenous Human Claudin Protein Family. <i>Journal of Proteome Research</i> , 2016, 15, 339-359.	1.8	26
5	Mechanistic investigations of multidentate organocatalyst-promoted counterion catalysis for fast and enantioselective aza-Morita-Baylis-Hillman reactions at ambient temperature. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4400.	1.5	23
6	Cooperativity in the counterion catalysis of Morita/Baylis/Hillman reactions promoted by enantioselective trifunctional organocatalysts. <i>Tetrahedron</i> , 2010, 66, 5486-5491.	1.0	21
7	Regioselective Synthesis and Structural Studies of Substituted β -Hydroxybutenolides with Use of a Tandem Baylis-Hillman/Singlet Oxygenation Reaction. <i>Journal of Organic Chemistry</i> , 2008, 73, 4476-4483.	1.7	20
8	Diastereospecific fluorination of substituted azepanes. <i>Tetrahedron</i> , 2013, 69, 744-752.	1.0	20
9	Trifunctional Organocatalysts: Catalytic Proficiency by Cooperative Activation. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5304-5319.	1.2	20
10	Conformational regulation of substituted azepanes through selective monofluorination. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3781.	1.5	17
11	The Upside of Downsizing: Asymmetric Trifunctional Organocatalysts as Small Enzyme Mimics for Cooperative Enhancement of Both Rate and Enantioselectivity With Regulation. <i>Chirality</i> , 2013, 25, 675-683.	1.3	16
12	Fluoride-Assisted Regioselective Conversion of Functionalized Furans to β -Substituted β -Hydroxybutenolides Using Singlet Oxygen. <i>Journal of Organic Chemistry</i> , 2007, 72, 6305-6308.	1.7	14
13	Conformational Regulation of Substituted Azepanes through Mono-, Di-, and Trifluorination. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2584-2593.	1.2	14
14	Divergent response of homologous ATP sites to stereospecific ligand fluorination for selectivity enhancement. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1570-1574.	1.5	12
15	ChemVoyage: A Web-Based, Simulated Learning Environment with Scaffolding and Linking Visualization to Conceptualization. <i>Journal of Chemical Education</i> , 2012, 89, 878-883.	1.1	11
16	A tandem Baylis-Hillman-singlet oxygen oxidation reaction for facile synthesis of β -substituted β -hydroxybutenolides. <i>Tetrahedron</i> , 2008, 64, 10831-10836.	1.0	10
17	Quantitative chemical proteomics in small-scale culture of phorbol ester stimulated basal breast cancer cells. <i>Proteomics</i> , 2011, 11, 2683-2692.	1.3	10
18	Exploration of charge states of balanol analogues acting as ATP-competitive inhibitors in kinases. <i>BMC Bioinformatics</i> , 2017, 18, 572.	1.2	10

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19	Is it time for artificial intelligence to predict the function of natural products based on 2D-structure. <i>MedChemComm</i> , 2019, 10, 1667-1677.	3.5	9
20	Cooperative Conformational Regulation in N-Heterocyclic Fluorohydrins. <i>Australian Journal of Chemistry</i> , 2015, 68, 50.	0.5	8
21	Cooperative Trifunctional Organocatalysts for Proficient Proton Transfer Reactions. <i>Chemical Record</i> , 2017, 17, 535-553.	2.9	8
22	Synthesis of New BINAP-Based Aminophosphines and Their ³¹ P-NMR Spectroscopy. <i>Molecules</i> , 2013, 18, 2788-2802.	1.7	7
23	Molecular Dynamics Pinpoint the Global Fluorine Effect in Balanol Binding to PKC δ and PKA. <i>Journal of Chemical Information and Modeling</i> , 2018, 58, 511-519.	2.5	7
24	Diverse dynamics features of novel protein kinase C (PKC) isozymes determine the selectivity of a fluorinated balanol analogue for PKC δ . <i>BMC Bioinformatics</i> , 2019, 19, 342.	1.2	6
25	Structure-Based Drug Design Workflow. , 2019, , 273-282.		4
26	Switchable pyrrole-based hydrogen bonding motif in enantioselective trifunctional organocatalysis. <i>Tetrahedron</i> , 2019, 75, 518-526.	1.0	3
27	Improved sensitivity in cell surface protein detection by combining chemical labeling with mechanical lysis in a colorectal cancer cell model. <i>Biotechnology Letters</i> , 2020, 42, 683-695.	1.1	3
28	Multifunctional chiral aminophosphines for enantiodivergent catalysis in a palladium-catalyzed allylic alkylation reaction. <i>Chirality</i> , 2020, 32, 1311-1323.	1.3	2
29	Quantitative Proteomic Profiling of Small Molecule Treated Mesenchymal Stem Cells Using Chemical Probes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 160.	1.8	2
30	Activity-based identification of secreted serine proteases of the filamentous fungus, <i>Ophiostoma</i> . <i>Biotechnology Letters</i> , 2007, 29, 937-943.	1.1	1
31	Synthesis of Substituted Oxo-Azepines by Regio- and Diastereoselective Hydroxylation. <i>Molecules</i> , 2017, 22, 1871.	1.7	1
32	Robust and Scalable Synthesis of Soai Aldehydes via Improved Barbier-type Halogen-lithium Exchange. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	1
33	Imaginative Order from Reasonable Chaos: Conformation-Driven Activity and Reactivity in Exploring Protein-Ligand Interactions. <i>Australian Journal of Chemistry</i> , 2018, 71, 917.	0.5	0
34	Crystal structure of (4R,5S,6R)-6-azido-5-benzyloxy-3,3,4-trifluoroazepan-1-ium 2,2,2-trifluoroacetate from synchrotron data. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 1361-1365.	0.2	0