Fei Liu

List of Publications by Year
in descending order

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34 papers	427 citations	687220 13 h-index	752573 20 g-index
35 all docs	35 docs citations	35 times ranked	406 citing authors

#	Article	IF	Citations
1	Robust and Scalable Synthesis of Soai Aldehydes via Improved Barbierâ€type Halogenâ^'lithium Exchange. Asian Journal of Organic Chemistry, 2022, 11, .	1.3	1
2	Quantitative Proteomic Profiling of Small Molecule Treated Mesenchymal Stem Cells Using Chemical Probes. International Journal of Molecular Sciences, 2021, 22, 160.	1.8	2
3	Multifunctional chiral aminophosphines for enantiodivergent catalysis in a palladiumâ€catalyzed allylic alkylation reaction. Chirality, 2020, 32, 1311-1323.	1.3	2
4	Improved sensitivity in cell surface protein detection by combining chemical labeling with mechanical lysis in a colorectal cancer cell model. Biotechnology Letters, 2020, 42, 683-695.	1.1	3
5	Structure-Based Drug Design Workflow. , 2019, , 273-282.		4
6	Is it time for artificial intelligence to predict the function of natural products based on 2D-structure. MedChemComm, 2019, 10, 1667-1677.	3.5	9
7	Diverse dynamics features of novel protein kinase C (PKC) isozymes determine the selectivity of a fluorinated balanol analogue for PKCÎµ. BMC Bioinformatics, 2019, 19, 342.	1.2	6
8	Switchable pyrrole-based hydrogen bonding motif in enantioselective trifunctional organocatalysis. Tetrahedron, 2019, 75, 518-526.	1.0	3
9	Molecular Dynamics Pinpoint the Global Fluorine Effect in Balanoid Binding to PKCÎµ and PKA. Journal of Chemical Information and Modeling, 2018, 58, 511-519.	2.5	7
10	Imaginative Order from Reasonable Chaos: Conformation-Driven Activity and Reactivity in Exploring Proteinâ€"Ligand Interactions. Australian Journal of Chemistry, 2018, 71, 917.	0.5	0
11	Divergent response of homologous ATP sites to stereospecific ligand fluorination for selectivity enhancement. Organic and Biomolecular Chemistry, 2017, 15, 1570-1574.	1.5	12
12	Cooperative Trifunctional Organocatalysts for Proficient Proton Transfer Reactions. Chemical Record, 2017, 17, 535-553.	2.9	8
13	Exploration of charge states of balanol analogues acting as ATP-competitive inhibitors in kinases. BMC Bioinformatics, 2017, 18, 572.	1.2	10
14	Synthesis of Substituted Oxo-Azepines by Regio- and Diastereoselective Hydroxylation. Molecules, 2017, 22, 1871.	1.7	1
15	Systems Proteomics View of the Endogenous Human Claudin Protein Family. Journal of Proteome Research, 2016, 15, 339-359.	1.8	26
16	Trifunctional Organocatalysts: Catalytic Proficiency by Cooperative Activation. European Journal of Organic Chemistry, 2015, 2015, 5304-5319.	1.2	20
17	Cooperative Conformational Regulation in N-Heterocyclic Fluorohydrins. Australian Journal of Chemistry, 2015, 68, 50.	0.5	8
18	Crystal structure of (4R,5S,6R)-6-azido-5-benzyloxy-3,3,4-trifluoroazepan-1-ium 2,2,2-trifluoroacetate from synchrotron data. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1361-1365.	0.2	0

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19	Conformational Regulation of Substituted Azepanes through Monoâ€‐ Diâ€‐ and Trifluorination. European Journal of Organic Chemistry, 2014, 2014, 2584-2593.	1.2	14
20	The Upside of Downsizing: Asymmetric Trifunctional Organocatalysts as Small Enzyme Mimics for Cooperative Enhancement of Both Rate and Enantioselectivity With Regulation. Chirality, 2013, 25, 675-683.	1.3	16
21	Diastereospecific fluorination of substituted azepanes. Tetrahedron, 2013, 69, 744-752.	1.0	20
22	Conformational regulation of substituted azepanes through selective monofluorination. Organic and Biomolecular Chemistry, 2013, 11, 3781.	1.5	17
23	Synthesis of New BINAP-Based Aminophosphines and Their 31P-NMR Spectroscopy. Molecules, 2013, 18, 2788-2802.	1.7	7
24	ChemVoyage: A Web-Based, Simulated Learning Environment with Scaffolding and Linking Visualization to Conceptualization. Journal of Chemical Education, 2012, 89, 878-883.	1.1	11
25	Quantitative chemical proteomics in smallâ€‐scale culture of phorbol ester stimulated basal breast cancer cells. Proteomics, 2011, 11, 2683-2692.	1.3	10
26	Cooperativity in the counterion catalysis of Morita/Baylis/Hillman reactions promoted by enantioselective trifunctional organocatalysts. Tetrahedron, 2010, 66, 5486-5491.	1.0	21
27	Mechanistic investigations of multidentate organocatalyst-promoted counterion catalysis for fast and enantioselective aza-Moritaâ€“Baylisâ€“Hillman reactions at ambient temperature. Organic and Biomolecular Chemistry, 2010, 8, 4400.	1.5	23
28	Enantioselective Trifunctional Organocatalysts for Rateâ€•Enhanced Azaâ€Moritaâ€“Baylisâ€“Hillman Reactions at Room Temperature. Advanced Synthesis and Catalysis, 2009, 351, 331-338.	2.1	50
29	Trifunctional organocatalyst-promoted counterion catalysis for fast and enantioselective aza-Moritaâ€“Baylisâ€“Hillman reactions at ambient temperature. Organic and Biomolecular Chemistry, 2009, 7, 1272.	1.5	43
30	A tandem Baylisâ€“Hillman-singlet oxygen oxidation reaction for facile synthesis of Î³-substituted Î³-hydroxybutenolides. Tetrahedron, 2008, 64, 10831-10836.	1.0	10
31	Regioselective Synthesis and Structural Studies of Substituted Î³-Hydroxybutenolides with Use of a Tandem Baylisâ€Hillman/Singlet Oxygenation Reaction. Journal of Organic Chemistry, 2008, 73, 4476-4483.	1.7	20
32	Base-Assisted Regio- and Diastereoselective Conversion of Functionalized Furans to Butenolides Using Singlet Oxygen. Organic Letters, 2007, 9, 195-198.	2.4	28
33	Fluoride-Assisted Regioselective Conversion of Functionalized Furans to Î±-Substituted Î³-Hydroxybutenolides Using Singlet Oxygen. Journal of Organic Chemistry, 2007, 72, 6305-6308.	1.7	14
34	Activity-based identification of secreted serine proteases of the filamentous fungus, Ophiostoma. Biotechnology Letters, 2007, 29, 937-943.	1.1	1