

Suhua Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/234180/publications.pdf>

Version: 2024-02-01

38
papers

3,140
citations

201674

27
h-index

302126

39
g-index

41
all docs

41
docs citations

41
times ranked

2515
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligand-enabled meta-C-H activation using a transient mediator. <i>Nature</i> , 2015, 519, 334-338.	27.8	494
2	Ligand-Enabled \hat{I}^3 -C-H Olefination and Carbonylation: Construction of \hat{I}^2 -Quaternary Carbon Centers. <i>Journal of the American Chemical Society</i> , 2014, 136, 5267-5270.	13.7	212
3	Arylfluorosulfates Inactivate Intracellular Lipid Binding Protein(s) through Chemoselective SuFEx Reaction with a Binding Site Tyr Residue. <i>Journal of the American Chemical Society</i> , 2016, 138, 7353-7364.	13.7	212
4	SuFEx Click Chemistry Enabled Late-Stage Drug Functionalization. <i>Journal of the American Chemical Society</i> , 2018, 140, 2919-2925.	13.7	209
5	Inverse Drug Discovery Strategy To Identify Proteins That Are Targeted by Latent Electrophiles As Exemplified by Aryl Fluorosulfates. <i>Journal of the American Chemical Society</i> , 2018, 140, 200-210.	13.7	206
6	Highly Regio- and Stereoselective Three-Component Nickel-Catalyzed <i>syn</i> -Hydrocarboxylation of Alkynes with Diethyl Zinc and Carbon Dioxide. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2578-2582.	13.8	199
7	Development of a General and Practical Iron Nitrate/TEMPO-Catalyzed Aerobic Oxidation of Alcohols to Aldehydes/Ketones: Catalysis with Table Salt. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1005-1017.	4.3	166
8	Multidimensional SuFEx Click Chemistry: Sequential Sulfur(VI) Fluoride Exchange Connections of Diverse Modules Launched From An SOF ₄ Hub. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2903-2908.	13.8	136
9	SuFEx Chemistry of Thionyl Tetrafluoride (SOF ₄) with Organolithium Nucleophiles: Synthesis of Sulfonimidoyl Fluorides, Sulfoximines, Sulfonimidamides, and Sulfonimidates. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1939-1943.	13.8	108
10	Ligand-Enabled Arylation of \hat{I}^3 -C-H Bonds. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4317-4321.	13.8	101
11	Biocompatible SuFEx Click Chemistry: Thionyl Tetrafluoride (SOF ₄)-Derived Connective Hubs for Bioconjugation to DNA and Proteins. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8029-8033.	13.8	90
12	Using sulfuramidimidoyl fluorides that undergo sulfur(vi) fluoride exchange for inverse drug discovery. <i>Nature Chemistry</i> , 2020, 12, 906-913.	13.6	85
13	SuFExable polymers with helical structures derived from thionyl tetrafluoride. <i>Nature Chemistry</i> , 2021, 13, 858-867.	13.6	74
14	Chemoselective Synthesis of Polysubstituted Pyridines from Heteroaryl Fluorosulfates. <i>Chemistry - A European Journal</i> , 2016, 22, 5692-5697.	3.3	72
15	Carbometalation-Carboxylation of 2,3-Alkenols with Carbon Dioxide: A Dramatic Effect of Halide Anion. <i>Organic Letters</i> , 2013, 15, 977-979.	4.6	68
16	Bifluoride Ion Mediated SuFEx Trifluoromethylation of Sulfonyl Fluorides and Iminosulfur Oxydifluorides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4552-4556.	13.8	63
17	Highly Selective Nickel-Catalyzed Methyl-Carboxylation of Homopropargylic Alcohols for \hat{I}^{\pm} -Alkylidene- \hat{I}^3 -butyrolactones. <i>Organic Letters</i> , 2011, 13, 6046-6049.	4.6	55
18	Cyclic Anti-Azacarboxylation of 2-Alkynylanilines with Carbon Dioxide. <i>Organic Letters</i> , 2016, 18, 2556-2559.	4.6	53

#	ARTICLE	IF	CITATIONS
19	Multidimensional SuFEx Click Chemistry: Sequential Sulfur(VI) Fluoride Exchange Connections of Diverse Modules Launched From An SOF ₄ Hub. <i>Angewandte Chemie</i> , 2017, 129, 2949-2954.	2.0	50
20	Ligand-Enabled Alkynylation of C(sp ³)-H Bonds with Palladium(II) Catalysts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1873-1876.	13.8	48
21	Synthesis of Sulfotyrosine-Containing Peptides by Incorporating Fluorosulfated Tyrosine Using an Fmoc-Based Solid-Phase Strategy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1835-1838.	13.8	43
22	SuFEx Chemistry of Thionyl Tetrafluoride (SOF ₄) with Organolithium Nucleophiles: Synthesis of Sulfonimidoyl Fluorides, Sulfoximines, Sulfonimidamides, and Sulfonimidates. <i>Angewandte Chemie</i> , 2018, 130, 1957-1961.	2.0	43
23	Quadrifunctional Synergetic Effect for Highly Effective Carbon Dioxide Fixation and Its Application to Indoloquinolone. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2387-2394.	4.3	41
24	Quantitative and Orthogonal Formation and Reactivity of SuFEx Platforms. <i>Chemistry - A European Journal</i> , 2018, 24, 10550-10556.	3.3	37
25	Cobalt-Tertiary-Amine-Mediated Hydroxytrifluoromethylation of Alkenes with CF ₃ Br and Atmospheric Oxygen. <i>ACS Catalysis</i> , 2020, 10, 4012-4018.	11.2	36
26	Ligand-Enabled Arylation of C(sp ³)-H Bonds. <i>Angewandte Chemie</i> , 2016, 128, 4389-4393.	2.0	33
27	CO ₂ Activation for γ -Butyrolactones and Its Application in the Total Synthesis of (±)-Heteropexisolid E. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2411-2418.	3.3	23
28	Biocompatible SuFEx Click Chemistry: Thionyl Tetrafluoride (SOF ₄)-Derived Connective Hubs for Bioconjugation to DNA and Proteins. <i>Angewandte Chemie</i> , 2019, 131, 8113-8117.	2.0	23
29	Bifluoride Ion Mediated SuFEx Trifluoromethylation of Sulfonyl Fluorides and Iminosulfur Oxydifluorides. <i>Angewandte Chemie</i> , 2019, 131, 4600-4604.	2.0	22
30	Bis(cycloocta-1,5-diene)nickel-Catalyzed Carbon Dioxide Fixation for the Stereoselective Synthesis of α -Alkylidene- γ -Pyrrolidones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1691-1707.	4.3	20
31	Ligand-Enabled Alkynylation of C(sp ³)-H Bonds with Palladium(II) Catalysts. <i>Angewandte Chemie</i> , 2017, 129, 1899-1902.	2.0	19
32	Synthesis of Sulfotyrosine-Containing Peptides by Incorporating Fluorosulfated Tyrosine Using an Fmoc-Based Solid-Phase Strategy. <i>Angewandte Chemie</i> , 2016, 128, 1867-1870.	2.0	17
33	Zinc-Bronsted acid mediated practical hydrotrifluoromethylation of alkenes with CF ₃ Br. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6356-6363.	4.5	13
34	Click Chemistry-Facilitated Structural Diversification of Nitrothiazoles, Nitrofurans, and Nitropyrroles Enhances Antimicrobial Activity against <i>Giardia lamblia</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	6
35	KF-Promoted copper-catalyzed highly efficient and selective oxidation of methane and other alkanes with a dramatic additive effect. <i>Catalysis Science and Technology</i> , 2021, 11, 4962-4968.	4.1	4
36	Cobalt-Catalyzed Hydroxyperfluoroalkylation of Alkenes with Perfluoroalkyl Bromides and Atmospheric Oxygen. <i>Synthesis</i> , 2022, 54, 1353-1364.	2.3	3

#	ARTICLE	IF	CITATIONS
37	Biocompatible SuFEx Click Chemistry: Thionyl Tetrafluoride (SO ₂ F ₄)-Derived Connective Hubs for Bioconjugation to DNA and Proteins (Angew. Chem. 24/2019). Angewandte Chemie, 2019, 131, 8328-8328.	2.0	2
38	Cobalt-Mediated Tertiary Amine Mediated Peroxy-trifluoromethylation and -halodifluoromethylation of Alkenes with CF ₂ XBr (X = F, Cl, Br) and tert-Butyl Hydroperoxide. Synthesis, 2022, 54, 2193-2204.	2.3	2