

Jiajia Dong

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,682
citations

471371

17
h-index

642610

23
g-index

27
all docs

27
docs citations

27
times ranked

1579
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur(VI) Fluoride Exchange (SuFEx): Another Good Reaction for Click Chemistry. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9430-9448.	7.2	832
2	Bifluoride-catalysed sulfur(VI) fluoride exchange reaction for the synthesis of polysulfates and polysulfonates. <i>Nature Chemistry</i> , 2017, 9, 1083-1088.	6.6	222
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.	6.6	212
4	Modular click chemistry libraries for functional screens using a diazotizing reagent. <i>Nature</i> , 2019, 574, 86-89.	13.7	212
5	Aromatic Sulfonyl Fluorides Covalently Kinetically Stabilize Transthyretin to Prevent Amyloidogenesis while Affording a Fluorescent Conjugate. <i>Journal of the American Chemical Society</i> , 2013, 135, 5656-5668.	6.6	142
6	A New Portal to SuFEx Click Chemistry: A Stable Fluorosulfonyl Imidazolium Salt Emerging as an SO_2 -Donor of Unprecedented Reactivity, Selectivity, and Scope. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2605-2610.	7.2	134
7	Palladium-Catalyzed, Ligand-Free Suzuki Reaction in Water Using Aryl Fluorosulfates. <i>Organic Letters</i> , 2015, 17, 1942-1945.	2.4	133
8	A New Portal to SuFEx Click Chemistry: A Stable Fluorosulfonyl Imidazolium Salt Emerging as an SO_2 -Donor of Unprecedented Reactivity, Selectivity, and Scope. <i>Angewandte Chemie</i> , 2018, 130, 2635-2640.	1.6	100
9	A Fluorogenic Aryl Fluorosulfate for Intraorganellar Transthyretin Imaging in Living Cells and in <i>Caenorhabditis elegans</i> . <i>Journal of the American Chemical Society</i> , 2015, 137, 7404-7414.	6.6	86
10	Ethenesulfonyl Fluoride (ESF): An On-Water Procedure for the Kilogram-Scale Preparation. <i>Journal of Organic Chemistry</i> , 2016, 81, 11360-11362.	1.7	82
11	Metal-Free Synthesis of Functional 1,2,3-Triazoles from Ethenesulfonyl Fluoride and Organic Azides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1181-1186.	7.2	64
12	Click Chemistry: Evolving on the Fringe. <i>Chinese Journal of Chemistry</i> , 2020, 38, 414-419.	2.6	62
13	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.	7.2	43
14	Identification of simple arylfluorosulfates as potent agents against resistant bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	26
15	Synthesis of Sulfotyrosine-Containing Peptides by Incorporating Fluorosulfated Tyrosine Using an Fmoc-Based Solid-Phase Strategy. <i>Angewandte Chemie</i> , 2016, 128, 1867-1870.	1.6	17
16	Protein Glycosylation through Sulfur Fluoride Exchange (SuFEx) Chemistry: The Key Role of a Fluorosulfate Thiolactoside. <i>Chemistry - A European Journal</i> , 2018, 24, 18981-18987.	1.7	17
17	Fluorosulfonyl Isocyanate Enabled SuFEx Ligation of Alcohols and Amines. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21195-21199.	7.2	13
18	Modular Click Chemistry Library: Searching for Better Functions. <i>Chinese Journal of Chemistry</i> , 2021, 39, 1025-1027.	2.6	6

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19	Novel Approaches to Access Arylfluorosulfates and Sulfamoyl Fluorides Based on Sulfur (VI) Fluoride Exchange. <i>Current Protocols in Chemical Biology</i> , 2019, 11, e64.	1.7	4
20	KPT330 improves Cas9 precision genome- and base-editing by selectively regulating mRNA nuclear export. <i>Communications Biology</i> , 2022, 5, 237.	2.0	4
21	Fluorosulfonyl Isocyanate Enabled SuFEx Ligation of Alcohols and Amines. <i>Angewandte Chemie</i> , 2021, 133, 21365-21369.	1.6	3
22	Titelbild: Schwefel(VI)-fluorid-Austausch (SuFEx): Eine weitere gute Anwendung für die Click-Chemie (<i>Angew. Chem.</i> 36/2014). <i>Angewandte Chemie</i> , 2014, 126, 9545-9545.	1.6	0
23	Reaktives Titelbild: A New Portal to SuFEx Click Chemistry: A Stable Fluorosulfonyl Imidazolium Salt Emerging as an SO_2 -Donor of Unprecedented Reactivity, Selectivity, and Scope (<i>Angew. Chem.</i> 10/2018). <i>Angewandte Chemie</i> , 2018, 130, 2776-2776.	1.6	0