

Andrew Barrow

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

804
citations

840776

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888059

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docs citations

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times ranked

674
citing authors

#	ARTICLE	IF	CITATIONS
1	The growing applications of SuFEx click chemistry. <i>Chemical Society Reviews</i> , 2019, 48, 4731-4758.	38.1	311
2	Diversity Oriented Clicking (DOC): Divergent Synthesis of SuFExable Pharmacophores from 2-Substituted-Alkynyl-Sulfonyl Fluoride (SASF) Hubs. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12460-12469.	13.8	83
3	1-Bromoethene-1-sulfonyl fluoride (BESF) is another good connective hub for SuFEx click chemistry. <i>Chemical Communications</i> , 2018, 54, 6020-6023.	4.1	72
4	Carbene footprinting accurately maps binding sites in protein-ligand and protein-protein interactions. <i>Nature Communications</i> , 2016, 7, 13288.	12.8	61
5	Accelerated SuFEx Click Chemistry For Modular Synthesis**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	52
6	Sulfur-Fluoride Exchange (SuFEx)-Mediated Synthesis of Sterically Hindered and Electron-Deficient Secondary and Tertiary Amides via Acyl Fluoride Intermediates. <i>Chemistry - A European Journal</i> , 2017, 23, 9990-9995.	3.3	37
7	Carbene Footprinting Reveals Binding Interfaces of a Multimeric Membrane-Spanning Protein. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14873-14877.	13.8	33
8	Mechanism of intersubunit ketosynthase-dehydratase interaction in polyketide synthases. <i>Nature Chemical Biology</i> , 2018, 14, 270-275.	8.0	31
9	Modification of Carbon Fibre Surfaces by Sulfur-Fluoride Exchange Click Chemistry. <i>ChemPhysChem</i> , 2018, 19, 3176-3181.	2.1	28
10	Diversity Oriented Clicking (DOC): Divergent Synthesis of SuFExable Pharmacophores from 2-Substituted-Alkynyl-Sulfonyl Fluoride (SASF) Hubs. <i>Angewandte Chemie</i> , 2020, 132, 12560-12569.	2.0	26
11	Synthesis of Sulfonyl Azides via Lewis Base Activation of Sulfonyl Fluorides and Trimethylsilyl Azide. <i>Synlett</i> , 2016, 27, 1840-1843.	1.8	24
12	Carbene Footprinting Reveals Binding Interfaces of a Multimeric Membrane-Spanning Protein. <i>Angewandte Chemie</i> , 2017, 129, 15069-15073.	2.0	11
13	Sustainable Syntheses of (α)-Jerantinines A & E and Structural Characterisation of the Jerantine-Tubulin Complex at the Colchicine Binding Site. <i>Scientific Reports</i> , 2018, 8, 10617.	3.3	10
14	Biomimetic Approaches Towards The Synthesis of Complex Dimeric Natural Products. <i>Current Pharmaceutical Design</i> , 2016, 22, 1628-1657.	1.9	9
15	Accelerated SuFEx Click Chemistry For Modular Synthesis**. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	6
16	A dual-target herbicidal inhibitor of lysine biosynthesis. <i>ELife</i> , 0, 11, .	6.0	5
17	Aminium cation-radical catalysed selective hydration of (E)-aryl enynes. <i>Chemical Communications</i> , 2021, 57, 6991-6994.	4.1	4
18	Frontispiece: Sulfur-Fluoride Exchange (SuFEx)-Mediated Synthesis of Sterically Hindered and Electron-Deficient Secondary and Tertiary Amides via Acyl Fluoride Intermediates. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0