

Mark E Flanagan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,213
citations

516710

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713466

21
g-index

22
all docs

22
docs citations

22
times ranked

2318
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA-encoded chemical libraries. <i>Nature Reviews Methods Primers</i> , 2022, 2, .	21.2	75
2	Selecting Approaches for Hit Identification and Increasing Options by Building the Efficient Discovery of Actionable Chemical Matter from DNA-Encoded Libraries. <i>SLAS Discovery</i> , 2021, 26, 263-280.	2.7	24
3	Employing Photocatalysis for the Design and Preparation of DNA-Encoded Libraries: A Case Study. <i>Chemical Record</i> , 2021, 21, 616-630.	5.8	14
4	Toward the assembly and characterization of an encoded library hit confirmation platform: Bead-Assisted Ligand Isolation Mass Spectrometry (BALI-MS). <i>Bioorganic and Medicinal Chemistry</i> , 2021, 41, 116205.	3.0	8
5	Merging C(sp ³)-H activation with DNA-encoding. <i>Chemical Science</i> , 2020, 11, 12282-12288.	7.4	57
6	Photoredox cross-electrophile coupling in DNA-encoded chemistry. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 201-208.	2.1	38
7	Photocatalytic [2 + 2] Cycloaddition in DNA-Encoded Chemistry. <i>Organic Letters</i> , 2020, 22, 2908-2913.	4.6	51
8	RASS-Enabled S/P ^α C and S ^α N Bond Formation for DEL Synthesis. <i>Angewandte Chemie</i> , 2020, 132, 7447-7453.	2.0	9
9	RASS-Enabled S/P ^α C and S ^α N Bond Formation for DEL Synthesis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7377-7383.	13.8	44
10	A Solution Phase Platform to Characterize Chemical Reaction Compatibility with DNA-Encoded Chemical Library Synthesis. <i>ACS Combinatorial Science</i> , 2019, 21, 650-655.	3.8	35
11	Designing DNA Encoded Libraries of Diverse Products in a Focused Property Space. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 4645-4653.	5.4	26
12	On-DNA Decarboxylative Arylation: Merging Photoredox with Nickel Catalysis in Water. <i>ACS Combinatorial Science</i> , 2019, 21, 588-597.	3.8	72
13	Expanding Reactivity in DNA-Encoded Library Synthesis via Reversible Binding of DNA to an Inert Quaternary Ammonium Support. <i>Journal of the American Chemical Society</i> , 2019, 141, 9998-10006.	13.7	119
14	Identification of <i>cis</i> -3-[Methyl(7 <i>H</i> -pyrrolo[2,3- <i>d</i>]pyrimidin-4-yl)amino]cyclobutyl}propane-1-sulfonamide (PF-04965842): A Selective JAK1 Clinical Candidate for the Treatment of Autoimmune Diseases. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1130-1152.	6.4	115
15	Employing Photoredox Catalysis for DNA-Encoded Chemistry: Decarboxylative Alkylation of α -Amino Acids. <i>ChemMedChem</i> , 2018, 13, 2159-2165.	3.2	86
16	Case History. <i>Annual Reports in Medicinal Chemistry</i> , 2014, 49, 399-416.	0.9	2
17	Discovery and Development of Janus Kinase (JAK) Inhibitors for Inflammatory Diseases. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 5023-5038.	6.4	455
18	Discovery of CP-690,550: A Potent and Selective Janus Kinase (JAK) Inhibitor for the Treatment of Autoimmune Diseases and Organ Transplant Rejection. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8468-8484.	6.4	307

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19	Development of a Scaleable Route for the Production of cis-N-Benzyl-3-methylamino-4-methylpiperidine. <i>Organic Process Research and Development</i> , 2003, 7, 115-120.	2.7	40
20	Prevention of Organ Allograft Rejection by a Specific Janus Kinase 3 Inhibitor. <i>Science</i> , 2003, 302, 875-878.	12.6	630