Mark E Flanagan

List of Publications by Year
in descending order

20	2,213	516710 16	713466 21
papers	citations	h-index	g-index

22	22	22	2318
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prevention of Organ Allograft Rejection by a Specific Janus Kinase 3 Inhibitor. Science, 2003, 302, 875-878.	12.6	630
2	Discovery and Development of Janus Kinase (JAK) Inhibitors for Inflammatory Diseases. Journal of Medicinal Chemistry, 2014, 57, 5023-5038.	6.4	455
3	Discovery of CP-690,550: A Potent and Selective Janus Kinase (JAK) Inhibitor for the Treatment of Autoimmune Diseases and Organ Transplant Rejection. Journal of Medicinal Chemistry, 2010, 53, 8468-8484.	6.4	307
4	Expanding Reactivity in DNA-Encoded Library Synthesis via Reversible Binding of DNA to an Inert Quaternary Ammonium Support. Journal of the American Chemical Society, 2019, 141, 9998-10006.	13.7	119
5	Identification of N-{cis-3-[Methyl(7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino]cyclobutyl}propane-1-sulfonamide (PF-04965842): A Selective JAK1 Clinical Candidate for the Treatment of Autoimmune Diseases. Journal of Medicinal Chemistry, 2018, 61, 1130-1152.	6.4	115
6	Employing Photoredox Catalysis for DNAâ€Encoded Chemistry: Decarboxylative Alkylation of Î±â€Amino Acids. ChemMedChem, 2018, 13, 2159-2165.	3.2	86
7	DNA-encoded chemical libraries. Nature Reviews Methods Primers, 2022, 2, .	21.2	75
8	On-DNA Decarboxylative Arylation: Merging Photoredox with Nickel Catalysis in Water. ACS Combinatorial Science, 2019, 21, 588-597.	3.8	72
9	Merging C(sp³)â€“H activation with DNA-encoding. Chemical Science, 2020, 11, 12282-12288.	7.4	57
10	Photocatalytic [2 + 2] Cycloaddition in DNA-Encoded Chemistry. Organic Letters, 2020, 22, 2908-2913.	4.6	51
11	RASSâ€Enabled S/Pâˆ’C and Sâˆ’N Bond Formation for DEL Synthesis. Angewandte Chemie - International Edition, 2020, 59, 7377-7383.	13.8	44
12	Development of a Scaleable Route for the Production ofcis-N-Benzyl-3-methylamino-4-methylpiperidine. Organic Process Research and Development, 2003, 7, 115-120.	2.7	40
13	Photoredox cross-electrophile coupling in DNA-encoded chemistry. Biochemical and Biophysical Research Communications, 2020, 533, 201-208.	2.1	38
14	A Solution Phase Platform to Characterize Chemical Reaction Compatibility with DNA-Encoded Chemical Library Synthesis. ACS Combinatorial Science, 2019, 21, 650-655.	3.8	35
15	Designing DNA Encoded Libraries of Diverse Products in a Focused Property Space. Journal of Chemical Information and Modeling, 2019, 59, 4645-4653.	5.4	26
16	Selecting Approaches for Hit Identification and Increasing Options by Building the Efficient Discovery of Actionable Chemical Matter from DNA-Encoded Libraries. SLAS Discovery, 2021, 26, 263-280.	2.7	24
17	Employing Photocatalysis for the Design and Preparation of DNAâ€Encoded Libraries: A Case Study. Chemical Record, 2021, 21, 616-630.	5.8	14
18	RASSâ€Enabled S/Pâˆ’C and Sâˆ’N Bond Formation for DEL Synthesis. Angewandte Chemie, 2020, 132, 7447-7453.	2.0	9

#	Article	IF	Citations
19	Toward the assembly and characterization of an encoded library hit confirmation platform: Bead-Assisted Ligand Isolation Mass Spectrometry (BALI-MS). Bioorganic and Medicinal Chemistry, 2021, 41, 116205.	3.0	8
20	Case History. Annual Reports in Medicinal Chemistry, 2014, 49, 399-416.	0.9	2