

Michael A Schafroth

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,307
citations

489802

18
h-index

759306

22
g-index

25
all docs

25
docs citations

25
times ranked

2255
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ identification of cellular drug targets in mammalian tissue. <i>Cell</i> , 2022, 185, 1793-1805.e17.	13.5	28
2	LPCAT3 Inhibitors Remodel the Polyunsaturated Phospholipid Content of Human Cells and Protect from Ferroptosis. <i>ACS Chemical Biology</i> , 2022, 17, 1607-1618.	1.6	51
3	Accelerated lysine metabolism conveys kidney protection in salt-sensitive hypertension. <i>Nature Communications</i> , 2022, 13, .	5.8	18
4	DCAF11 Supports Targeted Protein Degradation by Electrophilic Proteolysis-Targeting Chimeras. <i>Journal of the American Chemical Society</i> , 2021, 143, 5141-5149.	6.6	86
5	Development of a highly-specific ¹⁸ F-labeled irreversible positron emission tomography tracer for monoacylglycerol lipase mapping. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1686-1695.	5.7	10
6	⁹ Î”-Tetrahydrocannabinol: Natural Occurrence, Chirality, and Pharmacology. <i>Journal of Natural Products</i> , 2021, 84, 2502-2510.	1.5	33
7	Novel Reversible-Binding PET Ligands for Imaging Monoacylglycerol Lipase Based on the Piperazinyl Azetidine Scaffold. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 14283-14298.	2.9	9
8	Positron Emission Tomography Imaging of the Endocannabinoid System: Opportunities and Challenges in Radiotracer Development. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 123-149.	2.9	33
9	An Activity-Guided Map of Electrophile-Cysteine Interactions in Primary Human T Cells. <i>Cell</i> , 2020, 182, 1009-1026.e29.	13.5	194
10	Design, Synthesis, and Evaluation of ¹⁸ F-Labeled Monoacylglycerol Lipase Inhibitors as Novel Positron Emission Tomography Probes. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8866-8872.	2.9	22
11	Design, Synthesis, and Evaluation of Reversible and Irreversible Monoacylglycerol Lipase Positron Emission Tomography (PET) Tracers Using a “Tail Switching” Strategy on a Piperazinyl Azetidine Skeleton. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3336-3353.	2.9	28
12	HATRIC-based identification of receptors for orphan ligands. <i>Nature Communications</i> , 2018, 9, 1519.	5.8	55
13	Uncovering the psychoactivity of a cannabinoid from liverworts associated with a legal high. <i>Science Advances</i> , 2018, 4, eaat2166.	4.7	55
14	Synthesis of Phytocannabinoids. <i>Progress in the Chemistry of Organic Natural Products</i> , 2017, 103, 37-59.	0.8	9
15	Enantioselective Iridium-Catalyzed Allylic Cyclizations. <i>Organic Letters</i> , 2017, 19, 3235-3238.	2.4	62
16	Synthesis of Photoswitchable ⁹ Î”-Tetrahydrocannabinol Derivatives Enables Optical Control of Cannabinoid Receptor 1 Signaling. <i>Journal of the American Chemical Society</i> , 2017, 139, 18206-18212.	6.6	79
17	Stereodivergent Î±-Allylation of Linear Aldehydes with Dual Iridium and Amine Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 3020-3023.	6.6	353
18	Stereodivergent Total Synthesis of ⁹ Î”-Tetrahydrocannabinols. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13898-13901.	7.2	134

#	ARTICLE	IF	CITATIONS
19	Amine-Selective Bioconjugation Using Arene Diazonium Salts. <i>Organic Letters</i> , 2014, 16, 3908-3911.	2.4	37
20	Enantio- and Diastereodivergent Dual Catalysis: $\hat{\pm}$ -Allylation of Branched Aldehydes. <i>Science</i> , 2013, 340, 1065-1068.	6.0	775
21	Iridium-Catalyzed Enantioselective Polyene Cyclization. <i>Journal of the American Chemical Society</i> , 2012, 134, 20276-20278.	6.6	199