

# Michael A Schafroth

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

2,307  
citations

430874

18  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2069  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantio- and Diastereodivergent Dual Catalysis: $\hat{\pm}$ -Allylation of Branched Aldehydes. <i>Science</i> , 2013, 340, 1065-1068.	12.6	775
2	Stereodivergent $\hat{\pm}$ -Allylation of Linear Aldehydes with Dual Iridium and Amine Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 3020-3023.	13.7	353
3	Iridium-Catalyzed Enantioselective Polyene Cyclization. <i>Journal of the American Chemical Society</i> , 2012, 134, 20276-20278.	13.7	199
4	An Activity-Guided Map of Electrophile-Cysteine Interactions in Primary Human T Cells. <i>Cell</i> , 2020, 182, 1009-1026.e29.	28.9	194
5	Stereodivergent Total Synthesis of $\hat{\sup}9$ - $\hat{\epsilon}$ -Tetrahydrocannabinols. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13898-13901.	13.8	134
6	DCAF11 Supports Targeted Protein Degradation by Electrophilic Proteolysis-Targeting Chimeras. <i>Journal of the American Chemical Society</i> , 2021, 143, 5141-5149.	13.7	86
7	Synthesis of Photoswitchable $\hat{\sup}9$ -Tetrahydrocannabinol Derivatives Enables Optical Control of Cannabinoid Receptor 1 Signaling. <i>Journal of the American Chemical Society</i> , 2017, 139, 18206-18212.	13.7	79
8	Enantioselective Iridium-Catalyzed Allylic Cyclizations. <i>Organic Letters</i> , 2017, 19, 3235-3238.	4.6	62
9	HATRIC-based identification of receptors for orphan ligands. <i>Nature Communications</i> , 2018, 9, 1519.	12.8	55
10	Uncovering the psychoactivity of a cannabinoid from liverworts associated with a legal high. <i>Science Advances</i> , 2018, 4, eaat2166.	10.3	55
11	LPCAT3 Inhibitors Remodel the Polyunsaturated Phospholipid Content of Human Cells and Protect from Ferroptosis. <i>ACS Chemical Biology</i> , 2022, 17, 1607-1618.	3.4	51
12	Amine-Selective Bioconjugation Using Arene Diazonium Salts. <i>Organic Letters</i> , 2014, 16, 3908-3911.	4.6	37
13	$\hat{\sup}9$ - <i>cis</i> -Tetrahydrocannabinol: Natural Occurrence, Chirality, and Pharmacology. <i>Journal of Natural Products</i> , 2021, 84, 2502-2510.	3.0	33
14	Positron Emission Tomography Imaging of the Endocannabinoid System: Opportunities and Challenges in Radiotracer Development. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 123-149.	6.4	33
15	Design, Synthesis, and Evaluation of Reversible and Irreversible Monoacylglycerol Lipase Positron Emission Tomography (PET) Tracers Using a $\hat{\epsilon}$ -Tail Switching Strategy on a Piperazinyl Azetidine Skeleton. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3336-3353.	6.4	28
16	In situ identification of cellular drug targets in mammalian tissue. <i>Cell</i> , 2022, 185, 1793-1805.e17.	28.9	28
17	Design, Synthesis, and Evaluation of $\hat{\sup}18$ -F-Labeled Monoacylglycerol Lipase Inhibitors as Novel Positron Emission Tomography Probes. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8866-8872.	6.4	22
18	Accelerated lysine metabolism conveys kidney protection in salt-sensitive hypertension. <i>Nature Communications</i> , 2022, 13, .	12.8	18

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19	Development of a highly-specific <sup>18</sup> F-labeled irreversible positron emission tomography tracer for monoacylglycerol lipase mapping. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1686-1695.	12.0	10
20	Synthesis of Phytocannabinoids. <i>Progress in the Chemistry of Organic Natural Products</i> , 2017, 103, 37-59.	1.1	9
21	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.	6.4	9