

Brian S Safina

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1502007/publications.pdf>

Version: 2024-02-01

32
papers

1,981
citations

304743

22
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

2486
citing authors

#	ARTICLE	IF	CITATIONS
1	A Mild and Selective Method for the Hydrolysis of Esters with Trimethyltin Hydroxide. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1378-1382.	13.8	331
2	Structural basis of Nav1.7 inhibition by an isoform-selective small-molecule antagonist. <i>Science</i> , 2015, 350, aac5464.	12.6	261
3	Discovery and Preclinical Pharmacology of a Selective ATP-Competitive Akt Inhibitor (GDC-0068) for the Treatment of Human Tumors. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8110-8127.	6.4	149
4	Total Synthesis of Thiostrepton. Retrosynthetic Analysis and Construction of Key Building Blocks. <i>Journal of the American Chemical Society</i> , 2005, 127, 11159-11175.	13.7	124
5	Total Synthesis of Thiostrepton, Part 1: Construction of the Dehydropiperidine/Thiazoline-Containing Macrocycle. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5087-5092.	13.8	95
6	Total Synthesis of Thiostrepton, Part 2: Construction of the Quinaldic Acid Macrocycle and Final Stages of the Synthesis. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5092-5097.	13.8	93
7	Total Synthesis of Thiostrepton. Assembly of Key Building Blocks and Completion of the Synthesis. <i>Journal of the American Chemical Society</i> , 2005, 127, 11176-11183.	13.7	89
8	Discovery of Aryl Sulfonamides as Isoform-Selective Inhibitors of Nav1.7 with Efficacy in Rodent Pain Models. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 277-282.	2.8	64
9	Synthetic Studies on Thiostrepton: Construction of Thiostrepton Analogues with the Thiazoline-Containing Macrocycle. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 3418-3424.	13.8	63
10	Discovery of Peptidomimetic Antibody-Drug Conjugate Linkers with Enhanced Protease Specificity. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 989-1000.	6.4	63
11	Discovery of Novel PI3-Kinase δ Specific Inhibitors for the Treatment of Rheumatoid Arthritis: Taming CYP3A4 Time-Dependent Inhibition. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5887-5900.	6.4	61
12	Potent and Highly Selective Benzimidazole Inhibitors of PI3-Kinase Delta. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7686-7695.	6.4	56
13	A TRPA1 inhibitor suppresses neurogenic inflammation and airway contraction for asthma treatment. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	56
14	A Pentacyclic Aurora Kinase Inhibitor (AKI-001) with High in Vivo Potency and Oral Bioavailability. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 4465-4475.	6.4	55
15	A Non-covalent Ligand Reveals Biased Agonism of the TRPA1 Ion Channel. <i>Neuron</i> , 2021, 109, 273-284.e4.	8.1	52
16	Selective Nav1.7 Antagonists with Long Residence Time Show Improved Efficacy against Inflammatory and Neuropathic Pain. <i>Cell Reports</i> , 2018, 24, 3133-3145.	6.4	49
17	Potent and selective inhibitors of PI3K δ : Obtaining isoform selectivity from the affinity pocket and tryptophan shelf. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4296-4302.	2.2	48
18	Pyrolobenzodiazepine Dimer Antibody-Drug Conjugates: Synthesis and Evaluation of Noncleavable Drug-Linkers. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9490-9507.	6.4	30

#	ARTICLE	IF	CITATIONS
19	Identification of GNE-293, a potent and selective PI3K γ inhibitor: Navigating in vitro genotoxicity while improving potency and selectivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4953-4959.	2.2	27
20	Discovery of a Potent (4 <i>R</i> ,5 <i>S</i>)-4-Fluoro-5-methylproline Sulfonamide Transient Receptor Potential Ankyrin 1 Antagonist and Its Methylene Phosphate Prodrug Guided by Molecular Modeling. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3641-3659.	6.4	27
21	Identification of Selective Acyl Sulfonamide α -Cycloalkylether Inhibitors of the Voltage-Gated Sodium Channel (Na _v) 1.7 with Potent Analgesic Activity. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 908-927.	6.4	25
22	Design of Conformationally Constrained Acyl Sulfonamide Isosteres: Identification of <i>N</i> -([1,2,4]Triazolo[4,3- <i>a</i>]pyridin-3-yl)methane-sulfonamides as Potent and Selective <i>h</i> Na _v 1.7 Inhibitors for the Treatment of Pain. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 4810-4831.	6.4	24
23	Tetrahydrofuran-Based Transient Receptor Potential Ankyrin 1 (TRPA1) Antagonists: Ligand-Based Discovery, Activity in a Rodent Asthma Model, and Mechanism-of-Action via Cryogenic Electron Microscopy. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3843-3869.	6.4	22
24	Design of Selective Benzoxazepin PI3K γ Inhibitors Through Control of Dihedral Angles. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 936-940.	2.8	21
25	Structure- and Ligand-Based Discovery of Chromane Arylsulfonamide Na _v 1.7 Inhibitors for the Treatment of Chronic Pain. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 4091-4109.	6.4	21
26	TRPA1 modulation by piperidine carboxamides suggests an evolutionarily conserved binding site and gating mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26008-26019.	7.1	18
27	Discovery of Acyl-sulfonamide Na _v 1.7 Inhibitors GDC-0276 and GDC-0310. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2953-2966.	6.4	16
28	Antibody α -Drug Conjugates Derived from Cytotoxic seco-CBI-Dimer Payloads Are Highly Efficacious in Xenograft Models and Form Protein Adducts In Vivo. <i>Bioconjugate Chemistry</i> , 2019, 30, 1356-1370.	3.6	15
29	Development of a Scalable Strategy for the Synthesis of PI3K γ Inhibitors: Selective and Efficient Functionalization of Purine Derivatives. <i>Organic Process Research and Development</i> , 2013, 17, 138-144.	2.7	10
30	Combinatorial approach to identification of tyrphostin inhibitors of cytokine signaling. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 4269-4278.	3.0	8
31	A biomimetically inspired synthesis of the dehydropiperidine domain of thiostrepton. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1941-5.	13.8	8
32	Structural Basis of Nav1.7 Inhibition by an Isoform-Selective Small Molecule Antagonist. <i>Biophysical Journal</i> , 2016, 110, 33a-34a.	0.5	0