

Simon R Foster

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,089
citations

566801

15
h-index

525886

27
g-index

29
all docs

29
docs citations

29
times ranked

1920
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of Human Signaling Systems: Pairing Peptides to G Protein-Coupled Receptors. <i>Cell</i> , 2019, 179, 895-908.e21.	13.5	157
2	BET inhibition blocks inflammation-induced cardiac dysfunction and SARS-CoV-2 infection. <i>Cell</i> , 2021, 184, 2167-2182.e22.	13.5	131
3	Expression, Regulation and Putative Nutrient-Sensing Function of Taste GPCRs in the Heart. <i>PLoS ONE</i> , 2013, 8, e64579.	1.1	121
4	Extrasensory perception: Odorant and taste receptors beyond the nose and mouth. , 2014, 142, 41-61.		98
5	Bitter taste receptor agonists elicit G-protein-dependent negative inotropy in the murine heart. <i>FASEB Journal</i> , 2014, 28, 4497-4508.	0.2	72
6	Biased agonism of clinically approved μ -opioid receptor agonists and TRV130 is not controlled by binding and signaling kinetics. <i>Neuropharmacology</i> , 2020, 166, 107718.	2.0	61
7	Collagen remodelling by airway smooth muscle is resistant to steroids and β_2 -agonists. <i>European Respiratory Journal</i> , 2011, 37, 173-182.	3.1	43
8	Structural basis of chemokine and receptor interactions: Key regulators of leukocyte recruitment in inflammatory responses. <i>Protein Science</i> , 2020, 29, 420-432.	3.1	40
9	Variability in Human Bitter Taste Sensitivity to Chemically Diverse Compounds Can Be Accounted for by Differential TAS2R Activation. <i>Chemical Senses</i> , 2015, 40, 427-435.	1.1	38
10	A Bitter Taste in Your Heart. <i>Frontiers in Physiology</i> , 2020, 11, 431.	1.3	31
11	Novel approaches leading towards peptide GPCR de-orphanisation. <i>British Journal of Pharmacology</i> , 2020, 177, 961-968.	2.7	30
12	Investigating Internalization and Intracellular Trafficking of GPCRs: New Techniques and Real-Time Experimental Approaches. <i>Handbook of Experimental Pharmacology</i> , 2017, 245, 41-61.	0.9	29
13	Rosiglitazone elicits in vitro relaxation in airways and precision cut lung slices from a mouse model of chronic allergic airways disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L1219-L1228.	1.3	28
14	Semisynthesis of an evasin from tick saliva reveals a critical role of tyrosine sulfation for chemokine binding and inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12657-12664.	3.3	26
15	Cardiac gene expression data and in silico analysis provide novel insights into human and mouse taste receptor gene regulation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 1009-1027.	1.4	23
16	Calcium-Sensing Receptor Internalization Is β -Arrestin-Dependent and Modulated by Allosteric Ligands. <i>Molecular Pharmacology</i> , 2019, 96, 463-474.	1.0	23
17	G protein-coupled receptors in cardiac biology: old and new receptors. <i>Biophysical Reviews</i> , 2015, 7, 77-89.	1.5	18
18	Discovery of Potent Cyclic Sulfopeptide Chemokine Inhibitors via Reprogrammed Genetic Code mRNA Display. <i>Journal of the American Chemical Society</i> , 2020, 142, 9141-9146.	6.6	16

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19	Phosphoproteomic characterization of the signaling network resulting from activation of the chemokine receptor CCR2. <i>Journal of Biological Chemistry</i> , 2020, 295, 6518-6531.	1.6	16
20	Taste and Hypertension in Humans: Targeting Cardiovascular Disease. <i>Current Pharmaceutical Design</i> , 2016, 22, 2290-2305.	0.9	15
21	Nutrient-Sensing Biology in Mammals and Birds. <i>Annual Review of Animal Biosciences</i> , 2018, 6, 197-225.	3.6	13
22	The Expression Pattern of EVA1C, a Novel Slit Receptor, Is Consistent with an Axon Guidance Role in the Mouse Nervous System. <i>PLoS ONE</i> , 2013, 8, e74115.	1.1	13
23	Detailed In Vitro Pharmacological Characterization of Clinically Tested Negative Allosteric Modulators of the Metabotropic Glutamate Receptor 5. <i>Molecular Pharmacology</i> , 2020, 98, 49-60.	1.0	12
24	Glycosylation Regulates N-Terminal Proteolysis and Activity of the Chemokine CCL14. <i>ACS Chemical Biology</i> , 2021, 16, 973-981.	1.6	11
25	Identification of a novel scaffold for a small molecule GPR139 receptor agonist. <i>Scientific Reports</i> , 2019, 9, 3802.	1.6	10
26	Positive Allosteric Modulators of Metabotropic Glutamate Receptor 5 as Tool Compounds to Study Signaling Bias. <i>Molecular Pharmacology</i> , 2021, 99, 328-341.	1.0	5
27	Regulation of the β^2 -Adrenergic Receptor Signaling Pathway in Sustained Ligand-Activated Preconditioning. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 369, 37-46.	1.3	3
28	Structure-guided engineering of tick evasins for targeting chemokines in inflammatory diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	3