

# Simon R Foster

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,089  
citations

567281

15  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1920  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure-guided engineering of tick evasins for targeting chemokines in inflammatory diseases. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	3
2	Positive Allosteric Modulators of Metabotropic Glutamate Receptor 5 as Tool Compounds to Study Signaling Bias. Molecular Pharmacology, 2021, 99, 328-341.	2.3	5
3	BET inhibition blocks inflammation-induced cardiac dysfunction and SARS-CoV-2 infection. Cell, 2021, 184, 2167-2182.e22.	28.9	131
4	Glycosylation Regulates N-Terminal Proteolysis and Activity of the Chemokine CCL14. ACS Chemical Biology, 2021, 16, 973-981.	3.4	11
5	Biased agonism of clinically approved $\mu$ -opioid receptor agonists and TRV130 is not controlled by binding and signaling kinetics. Neuropharmacology, 2020, 166, 107718.	4.1	61
6	Structural basis of chemokine and receptor interactions: Key regulators of leukocyte recruitment in inflammatory responses. Protein Science, 2020, 29, 420-432.	7.6	40
7	Novel approaches leading towards peptide GPCR de-orphanisation. British Journal of Pharmacology, 2020, 177, 961-968.	5.4	30
8	Detailed In Vitro Pharmacological Characterization of Clinically Tested Negative Allosteric Modulators of the Metabotropic Glutamate Receptor 5. Molecular Pharmacology, 2020, 98, 49-60.	2.3	12
9	A Bitter Taste in Your Heart. Frontiers in Physiology, 2020, 11, 431.	2.8	31
10	Semisynthesis of an evasin from tick saliva reveals a critical role of tyrosine sulfation for chemokine binding and inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12657-12664.	7.1	26
11	Discovery of Potent Cyclic Sulfopeptide Chemokine Inhibitors via Reprogrammed Genetic Code mRNA Display. Journal of the American Chemical Society, 2020, 142, 9141-9146.	13.7	16
12	Phosphoproteomic characterization of the signaling network resulting from activation of the chemokine receptor CCR2. Journal of Biological Chemistry, 2020, 295, 6518-6531.	3.4	16
13	Discovery of Human Signaling Systems: Pairing Peptides to G Protein-Coupled Receptors. Cell, 2019, 179, 895-908.e21.	28.9	157
14	Regulation of the $\beta_2$ -Adrenergic Receptor Signaling Pathway in Sustained Ligand-Activated Preconditioning. Journal of Pharmacology and Experimental Therapeutics, 2019, 369, 37-46.	2.5	3
15	Identification of a novel scaffold for a small molecule GPR139 receptor agonist. Scientific Reports, 2019, 9, 3802.	3.3	10
16	Calcium-Sensing Receptor Internalization Is $\beta_2$ -Arrestin-Dependent and Modulated by Allosteric Ligands. Molecular Pharmacology, 2019, 96, 463-474.	2.3	23
17	Nutrient-Sensing Biology in Mammals and Birds. Annual Review of Animal Biosciences, 2018, 6, 197-225.	7.4	13
18	Investigating Internalization and Intracellular Trafficking of GPCRs: New Techniques and Real-Time Experimental Approaches. Handbook of Experimental Pharmacology, 2017, 245, 41-61.	1.8	29

#	ARTICLE	IF	CITATIONS
19	Taste and Hypertension in Humans: Targeting Cardiovascular Disease. <i>Current Pharmaceutical Design</i> , 2016, 22, 2290-2305.	1.9	15
20	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.	3.0	23
21	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.	2.0	38
22	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.	2.9	28
23	G protein-coupled receptors in cardiac biology: old and new receptors. <i>Biophysical Reviews</i> , 2015, 7, 77-89.	3.2	18
24	Bitter taste receptor agonists elicit G $\alpha$ protein $\alpha$ -dependent negative inotropy in the murine heart. <i>FASEB Journal</i> , 2014, 28, 4497-4508.	0.5	72
25	Extrasensory perception: Odorant and taste receptors beyond the nose and mouth. , 2014, 142, 41-61.		98
26	Expression, Regulation and Putative Nutrient-Sensing Function of Taste GPCRs in the Heart. <i>PLoS ONE</i> , 2013, 8, e64579.	2.5	121
27	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.	2.5	13
28	Collagen remodelling by airway smooth muscle is resistant to steroids and $\beta_2$ -agonists. <i>European Respiratory Journal</i> , 2011, 37, 173-182.	6.7	43