Stephen R Bloom

List of Publications by Year
in descending order

28 papers	932 citations	623734 14 h-index	526287 27 g-index
38 all docs	38 docs citations	38 times ranked	1089 citing authors

#	Article	IF	Citations
1	Coadministration of Glucagon-Like Peptide-1 During Glucagon Infusion in Humans Results in Increased Energy Expenditure and Amelioration of Hyperglycemia. Diabetes, 2013, 62, 1131-1138.	0.6	182
2	Targeting GLP-1 receptor trafficking to improve agonist efficacy. Nature Communications, 2018, 9, 1602.	12.8	162
3	Control of insulin secretion by GLP-1. Peptides, 2018, 100, 75-84.	2.4	69
4	Agonist-induced membrane nanodomain clustering drives GLP-1 receptor responses in pancreatic beta cells. PLoS Biology, 2019, 17, e3000097.	5.6	61
5	Allosteric Optical Control of a Class B G‐Protein‐Coupled Receptor. Angewandte Chemie - International Edition, 2016, 55, 5865-5868.	13.8	45
6	A Targeted RNAi Screen Identifies Endocytic Trafficking Factors That Control GLP-1 Receptor Signaling in Pancreatic β-Cells. Diabetes, 2018, 67, 385-399.	0.6	41
7	Genetic and biased agonist-mediated reductions in β-arrestin recruitment prolong cAMP signaling at glucagon family receptors. Journal of Biological Chemistry, 2021, 296, 100133.	3.4	41
8	Signalling, trafficking and glucoregulatory properties of glucagon‐like peptide‐1 receptor agonists exendin‐4 and lixisenatide. British Journal of Pharmacology, 2020, 177, 3905-3923.	5.4	36
9	RAMP2 Influences Glucagon Receptor Pharmacology via Trafficking and Signaling. Endocrinology, 2017, 158, 2680-2693.	2.8	33
10	Disconnect between signalling potency and in vivo efficacy of pharmacokinetically optimised biased glucagon-like peptide-1 receptor agonists. Molecular Metabolism, 2020, 37, 100991.	6.5	32
11	The Influence of Peptide Context on Signaling and Trafficking of Glucagon-like Peptide-1 Receptor Biased Agonists. ACS Pharmacology and Translational Science, 2020, 3, 345-360.	4.9	32
12	Potent Prearranged Positive Allosteric Modulators of the Glucagon‐like Peptide‐1 Receptor. ChemistryOpen, 2017, 6, 501-505.	1.9	31
13	Ligand-Specific Factors Influencing GLP-1 Receptor Post-Endocytic Trafficking and Degradation in Pancreatic Beta Cells. International Journal of Molecular Sciences, 2020, 21, 8404.	4.1	28
14	Receptor Activity-Modifying Protein 2 (RAMP2) alters glucagon receptor trafficking in hepatocytes with functional effects on receptor signalling. Molecular Metabolism, 2021, 53, 101296.	6.5	23
15	Degradation Paradigm of the Gut Hormone, Pancreatic Polypeptide, by Hepatic and Renal Peptidases. Endocrinology, 2017, 158, 1755-1765.	2.8	16
16	The Metabolomic Effects of Tripeptide Gut Hormone Infusion Compared to Roux-en-Y Gastric Bypass and Caloric Restriction. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e767-e782.	3.6	16
17	Acylation of the Incretin Peptide Exendin-4 Directly Impacts Glucagon-Like Peptide-1 Receptor Signaling and Trafficking. Molecular Pharmacology, 2021, 100, 319-334.	2.3	13
18	A randomised controlled trial of a duodenal-jejunal bypass sleeve device (EndoBarrier) compared with standard medical therapy for the management of obese subjects with type 2 diabetes mellitus. BMJ Open, 2017, 7, e018598.	1.9	13

#	Article	IF	Citations
19	Allosterische optische Steuerung eines Klasse‐B‐C‐Protein‐gekoppelten Rezeptors. Angewandte Chemie, 2016, 128, 5961-5965.	2.0	10
20	Novel approaches to anti-obesity drug discovery with gut hormones over the past 10 years. Expert Opinion on Drug Discovery, 2019, 14, 1151-1159.	5.0	9
21	Evaluation of efficacy- versus affinity-driven agonism with biased GLP-1R ligands P5 and exendin-F1. Biochemical Pharmacology, 2021, 190, 114656.	4.4	8
22	Partial agonism improves the anti-hyperglycaemic efficacy of an oxyntomodulin-derived GLP-1R/GCCR co-agonist. Molecular Metabolism, 2021, 51, 101242.	6.5	7
23	Pharmacokinetics and pharmacodynamics of subcutaneously administered PYY3–36 and its analogues in vivo. Lancet, The, 2015, 385, S28.	13.7	4
24	Hepatocyte cholesterol content modulates glucagon receptor signalling. Molecular Metabolism, 2022, 63, 101530.	6.5	4
25	Learning curve of vessel cannulation in rats using cumulative sum analysis. Journal of Surgical Research, 2015, 193, 69-76.	1.6	3
26	Live demo: Platform for closed loop neuromodulation based on dual mode biosignals. , 2017, , .		2
27	Measuring the Pharmacokinetic Properties of Drugs with a Novel Surgical Rat Model. Journal of Investigative Surgery, 2017, 30, 162-169.	1.3	1
28	Effects of Elevating Colonic Propionate on Liver Fat Content in Adults with Non‐Alcoholic Fatty Liver Disease. FASEB Journal, 2015, 29, 385.2.	0.5	1