Alexander S Hauser

List of Publications by Year
in descending order

31	4,475	393982 19	454577 30
papers	citations	h-index	g-index

39	39	39	5949
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ligand-directed bias of G protein signaling at the dopamine D2 receptor. Cell Chemical Biology, 2022, 29, 226-238.e4.	2.5	14
2	The G protein database, GproteinDb. Nucleic Acids Research, 2022, 50, D518-D525.	6.5	49
3	Molecular and inÂvivo phenotyping of missense variants of the human glucagon receptor. Journal of Biological Chemistry, 2022, 298, 101413.	1.6	8
4	P2X2 receptor subunit interfaces are missense variant hotspots, where mutations tend to increase apparent ATP affinity. British Journal of Pharmacology, 2022, 179, 3859-3874.	2.7	1
5	Common coupling map advances GPCR-G protein selectivity. ELife, 2022, 11, .	2.8	59
6	Effector membrane translocation biosensors reveal G protein and Î²arrestin coupling profiles of 100 therapeutically relevant GPCRs. ELife, 2022, 11, .	2.8	101
7	Personalized Medicine Through GPCR Pharmacogenomics. , 2021, , .		2
8	Use of Novel ebBRET Biosensors for Comprehensive Signaling Profiling of One Hundred Therapeutically Relevant Human GPCRs. FASEB Journal, 2021, 35, .	0.2	2
9	Mutational Landscape of the Proglucagon-Derived Peptides. Frontiers in Endocrinology, 2021, 12, 698511.	1.5	7
10	Glaucoma Clinical Research: Trends in Treatment Strategies and Drug Development. Frontiers in Medicine, 2021, 8, 733080.	1.2	33
11	Loss of Function Glucose-Dependent Insulinotropic Polypeptide Receptor Variants Are Associated With Alterations in BMI, Bone Strength and Cardiovascular Outcomes. Frontiers in Cell and Developmental Biology, 2021, 9, 749607.	1.8	12
12	GPCR activation mechanisms across classes and macro/microscales. Nature Structural and Molecular Biology, 2021, 28, 879-888.	3.6	98
13	An online GPCR structure analysis platform. Nature Structural and Molecular Biology, 2021, 28, 875-878.	3.6	16
14	Novel approaches leading towards peptide GPCR deâ€orphanisation. British Journal of Pharmacology, 2020, 177, 961-968.	2.7	30
15	Utilizing drug-target-event relationships to unveil safety patterns in pharmacovigilance. Expert Opinion on Drug Safety, 2020, 19, 961-968.	1.0	5
16	Primary Care Prescription Drug Use and Related Actionable Drugâ€Gene Interactions in the Danish Population. Clinical and Translational Science, 2020, 13, 798-806.	1.5	6
17	Discovery of Human Signaling Systems: Pairing Peptides to G Protein-Coupled Receptors. Cell, 2019, 179, 895-908.e21.	13.5	157
18	Receptor selectivity between the G proteins GÎ± ₁₂ and GÎ± ₁₃ is defined by a single leucineâ€toâ€isoleucine variation. FASEB Journal, 2019, 33, 5005-5017.	0.2	23

#	Article	IF	Citations
19	GPCRdb in 2018: adding GPCR structure models and ligands. Nucleic Acids Research, 2018, 46, D440-D446.	6.5	421
20	Pharmacogenomics of GPCR Drug Targets. Cell, 2018, 172, 41-54.e19.	13.5	464
21	The orphan G protein-coupled receptor GPR139 is activated by the peptides: Adrenocorticotropic hormone (ACTH), Î±-, and Î²-melanocyte stimulating hormone (Î±-MSH, and Î²-MSH), and the conserved core motif HFRW. Neurochemistry International, 2017, 102, 105-113.	1.9	36
22	Selectivity determinants of GPCRâ€“G-protein binding. Nature, 2017, 545, 317-322.	13.7	297
23	Trends in GPCR drug discovery: new agents, targets and indications. Nature Reviews Drug Discovery, 2017, 16, 829-842.	21.5	1,773
24	Identification of Histamine H3 Receptor Ligands Using a New Crystal Structure Fragment-based Method. Scientific Reports, 2017, 7, 4829.	1.6	10
25	Integrating structural and mutagenesis data to elucidate GPCR ligand binding. Current Opinion in Pharmacology, 2016, 30, 51-58.	1.7	52
26	GPCRdb: the G proteinâ€coupled receptor database â€“ an introduction. British Journal of Pharmacology, 2016, 173, 2195-2207.	2.7	165
27	LEADS-PEP: A Benchmark Data Set for Assessment of Peptide Docking Performance. Journal of Chemical Information and Modeling, 2016, 56, 188-200.	2.5	76
28	GPCRdb: an information system for G protein-coupled receptors. Nucleic Acids Research, 2016, 44, D356-D364.	6.5	472
29	A new crystal structure fragment-based pharmacophore method for G protein-coupled receptors. Methods, 2015, 71, 104-112.	1.9	19
30	Investigations and design of pyridine-2-carboxylic acid thiazol-2-ylamide analogs as methionine aminopeptidase inhibitors using 3D-QSAR and molecular docking. Medicinal Chemistry Research, 2014, 23, 3861-3875.	1.1	2
31	The Location of Missense Variants in the Human GIP Gene Is Indicative for Natural Selection. Frontiers in Endocrinology, 0, 13, .	1.5	1