

Alexander S Hauser

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

4,475
citations

393982

19
h-index

454577

30
g-index

39
all docs

39
docs citations

39
times ranked

5949
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends in GPCR drug discovery: new agents, targets and indications. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 829-842.	21.5	1,773
2	GPCRdb: an information system for G protein-coupled receptors. <i>Nucleic Acids Research</i> , 2016, 44, D356-D364.	6.5	472
3	Pharmacogenomics of GPCR Drug Targets. <i>Cell</i> , 2018, 172, 41-54.e19.	13.5	464
4	GPCRdb in 2018: adding GPCR structure models and ligands. <i>Nucleic Acids Research</i> , 2018, 46, D440-D446.	6.5	421
5	Selectivity determinants of GPCR-G-protein binding. <i>Nature</i> , 2017, 545, 317-322.	13.7	297
6	GPCRdb: the G protein-coupled receptor database – an introduction. <i>British Journal of Pharmacology</i> , 2016, 173, 2195-2207.	2.7	165
7	Discovery of Human Signaling Systems: Pairing Peptides to G Protein-Coupled Receptors. <i>Cell</i> , 2019, 179, 895-908.e21.	13.5	157
8	Effector membrane translocation biosensors reveal G protein and β 2-arrestin coupling profiles of 100 therapeutically relevant GPCRs. <i>ELife</i> , 2022, 11, .	2.8	101
9	GPCR activation mechanisms across classes and macro/microscales. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 879-888.	3.6	98
10	LEADS-PEP: A Benchmark Data Set for Assessment of Peptide Docking Performance. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 188-200.	2.5	76
11	Common coupling map advances GPCR-G protein selectivity. <i>ELife</i> , 2022, 11, .	2.8	59
12	Integrating structural and mutagenesis data to elucidate GPCR ligand binding. <i>Current Opinion in Pharmacology</i> , 2016, 30, 51-58.	1.7	52
13	The G protein database, GproteinDb. <i>Nucleic Acids Research</i> , 2022, 50, D518-D525.	6.5	49
14	The orphan G protein-coupled receptor GPR139 is activated by the peptides: Adrenocorticotrophic hormone (ACTH), β -MSH, and β 2-melanocyte stimulating hormone (β -MSH), and the conserved core motif HFRW. <i>Neurochemistry International</i> , 2017, 102, 105-113.	1.9	36
15	Glaucoma Clinical Research: Trends in Treatment Strategies and Drug Development. <i>Frontiers in Medicine</i> , 2021, 8, 733080.	1.2	33
16	Novel approaches leading towards peptide GPCR de-orphanisation. <i>British Journal of Pharmacology</i> , 2020, 177, 961-968.	2.7	30
17	Receptor selectivity between the G proteins G_{i2} and G_{i3} is defined by a single leucine-to-isoleucine variation. <i>FASEB Journal</i> , 2019, 33, 5005-5017.	0.2	23
18	A new crystal structure fragment-based pharmacophore method for G protein-coupled receptors. <i>Methods</i> , 2015, 71, 104-112.	1.9	19

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19	An online GPCR structure analysis platform. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 875-878.	3.6	16
20	Ligand-directed bias of G protein signaling at the dopamine D2 receptor. <i>Cell Chemical Biology</i> , 2022, 29, 226-238.e4.	2.5	14
21	Loss of Function Glucose-Dependent Insulinotropic Polypeptide Receptor Variants Are Associated With Alterations in BMI, Bone Strength and Cardiovascular Outcomes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 749607.	1.8	12
22	Identification of Histamine H3 Receptor Ligands Using a New Crystal Structure Fragment-based Method. <i>Scientific Reports</i> , 2017, 7, 4829.	1.6	10
23	Molecular and <i>in vivo</i> phenotyping of missense variants of the human glucagon receptor. <i>Journal of Biological Chemistry</i> , 2022, 298, 101413.	1.6	8
24	Mutational Landscape of the Proglucagon-Derived Peptides. <i>Frontiers in Endocrinology</i> , 2021, 12, 698511.	1.5	7
25	Primary Care Prescription Drug Use and Related Actionable Drug-Genes Interactions in the Danish Population. <i>Clinical and Translational Science</i> , 2020, 13, 798-806.	1.5	6
26	Utilizing drug-target-event relationships to unveil safety patterns in pharmacovigilance. <i>Expert Opinion on Drug Safety</i> , 2020, 19, 961-968.	1.0	5
27	Investigations and design of pyridine-2-carboxylic acid thiazol-2-ylamide analogs as methionine aminopeptidase inhibitors using 3D-QSAR and molecular docking. <i>Medicinal Chemistry Research</i> , 2014, 23, 3861-3875.	1.1	2
28	Personalized Medicine Through GPCR Pharmacogenomics. , 2021, , .		2
29	Use of Novel ebBRET Biosensors for Comprehensive Signaling Profiling of One Hundred Therapeutically Relevant Human GPCRs. <i>FASEB Journal</i> , 2021, 35, .	0.2	2
30	P2X2 receptor subunit interfaces are missense variant hotspots, where mutations tend to increase apparent ATP affinity. <i>British Journal of Pharmacology</i> , 2022, 179, 3859-3874.	2.7	1
31	The Location of Missense Variants in the Human GIP Gene Is Indicative for Natural Selection. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	1