

Ines Liebscher

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,155
citations

361413

20
h-index

289244

40
g-index

47
all docs

47
docs citations

47
times ranked

1666
citing authors

#	ARTICLE	IF	CITATIONS
1	International Union of Basic and Clinical Pharmacology. XCIV. Adhesion G Protein-Coupled Receptors. <i>Pharmacological Reviews</i> , 2015, 67, 338-367.	16.0	392
2	A Tethered Agonist within the Ectodomain Activates the Adhesion G Protein-Coupled Receptors GPR126 and GPR133. <i>Cell Reports</i> , 2014, 9, 2018-2026.	6.4	246
3	The Adhesion GPCR GPR126 Has Distinct, Domain-Dependent Functions in Schwann Cell Development Mediated by Interaction with Laminin-211. <i>Neuron</i> , 2015, 85, 755-769.	8.1	224
4	Gpr126 Functions in Schwann Cells to Control Differentiation and Myelination via G-Protein Activation. <i>Journal of Neuroscience</i> , 2013, 33, 17976-17985.	3.6	159
5	The constitutive activity of the adhesion GPCR GPR114/ADGRG5 is mediated by its tethered agonist. <i>FASEB Journal</i> , 2016, 30, 666-673.	0.5	105
6	Identification of the tethered peptide agonist of the adhesion G protein-coupled receptor GPR64/ADGRG2. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 743-747.	2.1	101
7	Altered Immune Response in Mice Deficient for the G Protein-coupled Receptor GPR34. <i>Journal of Biological Chemistry</i> , 2011, 286, 2101-2110.	3.4	87
8	Activation of Adhesion G Protein-coupled Receptors. <i>Journal of Biological Chemistry</i> , 2017, 292, 4383-4394.	3.4	87
9	Mutations in G Protein-Coupled Receptors: Mechanisms, Pathophysiology and Potential Therapeutic Approaches. <i>Pharmacological Reviews</i> , 2021, 73, 89-119.	16.0	60
10	Structural basis for the tethered peptide activation of adhesion GPCRs. <i>Nature</i> , 2022, 604, 763-770.	27.8	58
11	Adhesion G Protein-Coupled Receptors: From In Vitro Pharmacology to In Vivo Mechanisms. <i>Molecular Pharmacology</i> , 2015, 88, 617-623.	2.3	48
12	Tethered Agonism: A Common Activation Mechanism of Adhesion GPCRs. <i>Handbook of Experimental Pharmacology</i> , 2016, 234, 111-125.	1.8	46
13	Progress in demystification of adhesion G protein-coupled receptors. <i>Biological Chemistry</i> , 2013, 394, 937-950.	2.5	41
14	Structural and functional evolution of the P2Y12-like receptor group. <i>Purinergic Signalling</i> , 2007, 3, 255-268.	2.2	37
15	Mechano-Dependent Phosphorylation of the PDZ-Binding Motif of CD97/ADGRE5 Modulates Cellular Detachment. <i>Cell Reports</i> , 2018, 24, 1986-1995.	6.4	29
16	The Adhesion G Protein-Coupled Receptor GPR97/ADGRG3 Is Expressed in Human Granulocytes and Triggers Antimicrobial Effector Functions. <i>Frontiers in Immunology</i> , 2018, 9, 2830.	4.8	27
17	Genetic basis of functional variability in adhesion G protein-coupled receptors. <i>Scientific Reports</i> , 2019, 9, 11036.	3.3	27
18	Translating the force-mechano-sensing GPCRs. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C1047-C1060.	4.6	27

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19	The ligand specificity of the G-protein-coupled receptor GPR34. <i>Biochemical Journal</i> , 2012, 443, 841-850.	3.7	26
20	The repertoire of Adhesion G protein-coupled receptors in adipocytes and their functional relevance. <i>International Journal of Obesity</i> , 2020, 44, 2124-2136.	3.4	26
21	Functional impact of intramolecular cleavage and dissociation of adhesion G protein-coupled receptor GPR133 (ADGRD1) on canonical signaling. <i>Journal of Biological Chemistry</i> , 2021, 296, 100798.	3.4	23
22	Combined newborn screening for familial hemophagocytic lymphohistiocytosis and severe T- and B-cell immunodeficiencies. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 226-228.e7.	2.9	20
23	In vivo identification of small molecules mediating Gpr126/Adgrg6 signaling during Schwann cell development. <i>Annals of the New York Academy of Sciences</i> , 2019, 1456, 44-63.	3.8	19
24	A guide to adhesion GPCR research. <i>FEBS Journal</i> , 2022, 289, 7610-7630.	4.7	19
25	Tethered agonists: a new mechanism underlying adhesion G protein-coupled receptor activation. <i>Journal of Receptor and Signal Transduction Research</i> , 2015, 35, 220-223.	2.5	17
26	The expanding functional roles and signaling mechanisms of adhesion G protein-coupled receptors. <i>Annals of the New York Academy of Sciences</i> , 2019, 1456, 5-25.	3.8	16
27	Functional relevance of naturally occurring mutations in adhesion G protein-coupled receptor ADGRD1 (GPR133). <i>BMC Genomics</i> , 2016, 17, 609.	2.8	14
28	Expression profiling of the adhesion G protein-coupled receptor GPR133 (ADGRD1) in glioma subtypes. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa053.	0.7	13
29	New Structural Perspectives in G Protein-Coupled Receptor-Mediated Src Family Kinase Activation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6489.	4.1	13
30	The N Terminus of Adhesion G Protein-Coupled Receptor GPR126/ADGRG6 as Allosteric Force Integrator. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	12
31	Stachel-mediated activation of adhesion G protein-coupled receptors: insights from cryo-EM studies. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	17.1	12
32	Activation of the adhesion G protein-coupled receptor GPR133 by antibodies targeting its N-terminus. <i>Journal of Biological Chemistry</i> , 2022, 298, 101949.	3.4	10
33	Elevated expression of the adhesion GPCR ADGRL4/ELTD1 promotes endothelial sprouting angiogenesis without activating canonical GPCR signalling. <i>Scientific Reports</i> , 2021, 11, 8870.	3.3	8
34	Affinity Proteomics Identifies Interaction Partners and Defines Novel Insights into the Function of the Adhesion GPCR VLGR1/ADGRV1. <i>Molecules</i> , 2022, 27, 3108.	3.8	8
35	The relevance of adhesion G protein-coupled receptors in metabolic functions. <i>Biological Chemistry</i> , 2022, 403, 195-209.	2.5	6
36	How to wake a giant. <i>Oncotarget</i> , 2015, 6, 23038-23039.	1.8	6

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37	The role of ADGRE5/CD97 in human retinal pigment epithelial cell growth and survival. Annals of the New York Academy of Sciences, 2019, 1456, 64-79.	3.8	5
38	Hepatic Hedgehog Signaling Participates in the Crosstalk between Liver and Adipose Tissue in Mice by Regulating FGF21. Cells, 2022, 11, 1680.	4.1	3
39	Trendbericht Biochemie Teil 3: Adhäsions- und GPCR-Hindernisse und Perspektiven. Nachrichten Aus Der Chemie, 2019, 67, 58-61.	0.0	0
40	Evaluating the feasibility of Cas9 overexpression in 3T3-L1 cells for generation of genetic knock-out adipocyte cell lines. Adipocyte, 2021, 10, 631-645.	2.8	0