

# Hsi-Hsien Lin

## List of Publications by Year in descending order

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50  
papers

2,498  
citations

304743

22  
h-index

265206

42  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2613  
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	The macrophage F4/80 receptor is required for the induction of antigen-specific efferent regulatory T cells in peripheral tolerance. <i>Journal of Experimental Medicine</i> , 2005, 201, 1615-1625.	8.5	321
3	Adhesion-GPCRs: emerging roles for novel receptors. <i>Trends in Biochemical Sciences</i> , 2008, 33, 491-500.	7.5	211
4	The epidermal growth factor-like domains of the human EMR2 receptor mediate cell attachment through chondroitin sulfate glycosaminoglycans. <i>Blood</i> , 2003, 102, 2916-2924.	1.4	207
5	LNB-TM7, a group of seven-transmembrane proteins related to family-B G-protein-coupled receptors. <i>Trends in Biochemical Sciences</i> , 2000, 25, 284-289.	7.5	186
6	Autocatalytic Cleavage of the EMR2 Receptor Occurs at a Conserved G Protein-coupled Receptor Proteolytic Site Motif. <i>Journal of Biological Chemistry</i> , 2004, 279, 31823-31832.	3.4	179
7	Specific expression of GPR56 by human cytotoxic lymphocytes. <i>Journal of Leukocyte Biology</i> , 2011, 90, 735-740.	3.3	104
8	The Adhesion G Protein-Coupled Receptor GPR56/ADGRG1 Is an Inhibitory Receptor on Human NK Cells. <i>Cell Reports</i> , 2016, 15, 1757-1770.	6.4	84
9	Disease-associated GPR56 Mutations Cause Bilateral Frontoparietal Polymicrogyria via Multiple Mechanisms. <i>Journal of Biological Chemistry</i> , 2011, 286, 14215-14225.	3.4	68
10	Adhesion GPCRs in Regulating Immune Responses and Inflammation. <i>Advances in Immunology</i> , 2017, 136, 163-201.	2.2	59
11	Activation of Myeloid Cell-Specific Adhesion Class G Protein-Coupled Receptor EMR2 via Ligation-Induced Translocation and Interaction of Receptor Subunits in Lipid Raft Microdomains. <i>Molecular and Cellular Biology</i> , 2012, 32, 1408-1420.	2.3	57
12	Adhesion GPCRs as Modulators of Immune Cell Function. <i>Handbook of Experimental Pharmacology</i> , 2016, 234, 329-350.	1.8	42
13	F4/80: The Macrophage-Specific Adhesion-GPCR and its Role in Immunoregulation. <i>Advances in Experimental Medicine and Biology</i> , 2010, 706, 149-156.	1.6	36
14	Activation of Adhesion GPCR EMR2/ADGRE2 Induces Macrophage Differentiation and Inflammatory Responses via $G\alpha_{12/13}$ /Akt/MAPK/NF- $\kappa$ B Signaling Pathways. <i>Frontiers in Immunology</i> , 2017, 8, 373.	4.8	36
15	TNFR signalling and its clinical implications. <i>Cytokine</i> , 2018, 101, 19-25.	3.2	36
16	GPR56/ADGRG1 Activation Promotes Melanoma Cell Migration via NTF Dissociation and CTF-Mediated $G\alpha_{12/13}$ /RhoA Signaling. <i>Journal of Investigative Dermatology</i> , 2017, 137, 727-736.	0.7	35
17	GPS Proteolytic Cleavage of Adhesion-GPCRs. <i>Advances in Experimental Medicine and Biology</i> , 2010, 706, 49-58.	1.6	33
18	Heparin interacts with adhesion-GPCR GPR56/ADGRG1, reduces receptor shedding, and promotes cell adhesion and motility. <i>Journal of Cell Science</i> , 2016, 129, 2156-69.	2.0	31

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19	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
20	The Role of Receptor Oligomerization in Modulating the Expression and Function of Leukocyte Adhesion-G Protein-coupled Receptors. <i>Journal of Biological Chemistry</i> , 2007, 282, 27343-27353.	3.4	26
21	G-protein-Coupled Receptors and Their (Bio) Chemical Significance Win 2012 Nobel Prize in Chemistry. <i>Biomedical Journal</i> , 2013, 36, 118.	3.1	26
22	Increased EMR2 expression on neutrophils correlates with disease severity and predicts overall mortality in cirrhotic patients. <i>Scientific Reports</i> , 2016, 6, 38250.	3.3	25
23	The role of GPR56/ADGRG1 in health and disease. <i>Biomedical Journal</i> , 2021, 44, 534-547.	3.1	25
24	Control of Adhesion GPCR Function Through Proteolytic Processing. <i>Handbook of Experimental Pharmacology</i> , 2016, 234, 83-109.	1.8	24
25	Ligands and Beyond: Mechanosensitive Adhesion GPCRs. <i>Pharmaceuticals</i> , 2022, 15, 219.	3.8	22
26	The Adhesion GPCR CD97/ADGRE5 inhibits apoptosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 65, 197-208.	2.8	21
27	The Activation and Signaling Mechanisms of GPR56/ADGRG1 in Melanoma Cell. <i>Frontiers in Oncology</i> , 2018, 8, 304.	2.8	19
28	CD97 inhibits cell migration in human fibrosarcoma cells by modulating TIMP2/MT1-MMP/MMP2 activity. Role of GPS autoproteolysis and functional cooperation between the N- and C-terminal fragments. <i>FEBS Journal</i> , 2014, 281, 4878-4891.	4.7	17
29	Proteome profiling reveals novel biomarkers to identify complicated parapneumonic effusions. <i>Scientific Reports</i> , 2017, 7, 4026.	3.3	16
30	High levels of soluble GPR56/ADGRG1 are associated with positive rheumatoid factor and elevated tumor necrosis factor in patients with rheumatoid arthritis. <i>Journal of Microbiology, Immunology and Infection</i> , 2018, 51, 485-491.	3.1	16
31	The RGD motif is involved in CD97/ADGRE5-promoted cell adhesion and viability of HT1080 cells. <i>Scientific Reports</i> , 2019, 9, 1517.	3.3	16
32	Adhesion family of G protein-coupled receptors and cancer. <i>Biomedical Journal</i> , 2012, 35, 15.	3.1	15
33	Method for selecting and enriching cells expressing low affinity ligands for cell surface receptors. <i>BioTechniques</i> , 2005, 38, 696-698.	1.8	14
34	G Protein-Coupled Receptors in Macrophages. <i>Microbiology Spectrum</i> , 2016, 4, .	3.0	13
35	Pharmacological modulation of T cell immunity results in long-term remission of autoimmune arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	13
36	Expression and immunoaffinity purification of recombinant soluble human GPR56 protein for the analysis of GPR56 receptor shedding by ELISA. <i>Protein Expression and Purification</i> , 2015, 109, 85-92.	1.3	9

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37	The role of the RGD motif in CD97/ADGRE5-and EMR2/ADGRE2-modulated tumor angiogenesis. Biochemical and Biophysical Research Communications, 2019, 520, 243-249.	2.1	9
38	Membrane-association of EMR2/ADGRE2-NTF is regulated by site-specific N-glycosylation. Scientific Reports, 2018, 8, 4532.	3.3	6
39	Stimulation of Vibratory Urticaria-Associated Adhesion-GPCR, EMR2/ADGRE2, Triggers the NLRP3 Inflammasome Activation Signal in Human Monocytes. Frontiers in Immunology, 2020, 11, 602016.	4.8	6
40	Role of ADGRG1/GPR56 in Tumor Progression. Cells, 2021, 10, 3352.	4.1	6
41	Overexpression of FAM46A, a Non-canonical Poly(A) Polymerase, Promotes Hemin-Induced Hemoglobinization in K562 Cells. Frontiers in Cell and Developmental Biology, 2020, 8, 414.	3.7	4
42	Multivalent Protein Probes for the Identification and Characterization of Cognate Cellular Ligands for Myeloid Cell Surface Receptors. Methods in Molecular Biology, 2009, 531, 89-101.	0.9	4
43	G Protein-Coupled Receptors in Macrophages. , 2017, , 485-505.		1
44	Nucleolar control by a non-apoptotic p53-caspases-deubiquitinylase axis promotes resistance to bacterial infection. FASEB Journal, 2020, 34, 1107-1121.	0.5	1
45	EMR4, a novel EGF-TM7 molecule up-regulated in activated mouse macrophages, is involved in the adhesion to a B lymphoma cell line, A20. Biochemical Society Transactions, 2002, 30, A86-A86.	3.4	0
46	Posttranslational cleavage of cell-surface receptors. , 2005, , .		0
47	CD4 down regulation and raft dissociation by the non-depleting YTS177 antibody hinder murine T helper cell activities. Biochemical and Biophysical Research Communications, 2016, 473, 973-979.	2.1	0
48	Structural and functional analysis of GPR56 protein in human frontal cortex developmental disease BFPP: The role of disease-associated mutations on receptor trafficking and functions. FASEB Journal, 2009, 23, .	0.5	0
49	The 2011 nobel prize in physiology or medicine. Biomedical Journal, 2012, 35, 93.	3.1	0
50	GPR56/ADGRG1 activation induces IL-6 production in melanoma cell via the G12/13-RhoA-ROCK pathway. FASEB Journal, 2018, 32, 533.35.	0.5	0