

# Hui Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8597513/publications.pdf>

Version: 2024-02-01

23  
papers

897  
citations

516215

16  
h-index

642321

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Folding and Misfolding of Human Membrane Proteins in Health and Disease: From Single Molecules to Cellular Proteostasis. <i>Chemical Reviews</i> , 2019, 119, 5537-5606.	23.0	184
2	Pharmacological Therapeutics Targeting RNA-Dependent RNA Polymerase, Proteinase and Spike Protein: From Mechanistic Studies to Clinical Trials for COVID-19. <i>Journal of Clinical Medicine</i> , 2020, 9, 1131.	1.0	112
3	Mechanisms of KCNQ1 channel dysfunction in long QT syndrome involving voltage sensor domain mutations. <i>Science Advances</i> , 2018, 4, eaar2631.	4.7	64
4	Constitutive Activity of Neural Melanocortin Receptors. <i>Methods in Enzymology</i> , 2010, 484, 267-279.	0.4	63
5	Nitrite Therapy Improves Left Ventricular Function During Heart Failure via Restoration of Nitric Oxide-Mediated Cytoprotective Signaling. <i>Circulation Research</i> , 2014, 114, 1281-1291.	2.0	63
6	Methods for measuring myeloperoxidase activity toward assessing inhibitor efficacy in living systems. <i>Journal of Leukocyte Biology</i> , 2016, 99, 541-548.	1.5	47
7	Predicting the Functional Impact of KCNQ1 Variants of Unknown Significance. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	40
8	Structure and physiological function of the human KCNQ1 channel voltage sensor intermediate state. <i>ELife</i> , 2020, 9, .	2.8	36
9	Pleiotropic functions of the transmembrane domain 6 of human melanocortin-4 receptor. <i>Journal of Molecular Endocrinology</i> , 2012, 49, 237-248.	1.1	32
10	Selective $\beta_2$ -Adrenoreceptor Stimulation Attenuates Myocardial Cell Death and Preserves Cardiac Function After Ischemia-Reperfusion Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1865-1874.	1.1	28
11	Functions of the DRY motif and intracellular loop 2 of human melanocortin 3 receptor. <i>Journal of Molecular Endocrinology</i> , 2014, 53, 319-330.	1.1	27
12	Ipsen 5i is a Novel Potent Pharmacoperone for Intracellularly Retained Melanocortin-4 Receptor Mutants. <i>Frontiers in Endocrinology</i> , 2014, 5, 131.	1.5	27
13	Pharmacological chaperones for the misfolded melanocortin-4 receptor associated with human obesity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2496-2507.	1.8	27
14	A Small Molecule Agonist THIQ as a Novel Pharmacoperone for Intracellularly Retained Melanocortin-4 Receptor Mutants. <i>International Journal of Biological Sciences</i> , 2014, 10, 817-824.	2.6	26
15	Biased Signaling in Naturally Occurring Mutations in Human Melanocortin-3 Receptor Gene. <i>International Journal of Biological Sciences</i> , 2015, 11, 423-433.	2.6	26
16	Roles of Reconstituted High-Density Lipoprotein Nanoparticles in Cardiovascular Disease: A New Paradigm for Drug Discovery. <i>International Journal of Molecular Sciences</i> , 2020, 21, 739.	1.8	20
17	Reciprocal modulation between amyloid precursor protein and synaptic membrane cholesterol revealed by live cell imaging. <i>Neurobiology of Disease</i> , 2019, 127, 449-461.	2.1	18
18	Brain-derived neurotrophic factor in human subjects with function-altering melanocortin-4 receptor variants. <i>International Journal of Obesity</i> , 2014, 38, 1068-1074.	1.6	15

#	ARTICLE	IF	CITATIONS
19	Physiology and Therapeutics of the Free Fatty Acid Receptor GPR40. Progress in Molecular Biology and Translational Science, 2014, 121, 67-94.	0.9	15
20	Collision-Induced Unfolding Differentiates Functional Variants of the KCNQ1 Voltage Sensor Domain. Journal of the American Society for Mass Spectrometry, 2020, 31, 2348-2355.	1.2	10
21	Immunological strategies against spike protein: Neutralizing antibodies and vaccine development for COVID-19. Clinical and Translational Medicine, 2020, 10, e184.	1.7	8
22	Isolation and characterization of 21 novel microsatellite markers from spotted halibut (Verasper) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	0.9	6
23	Disease-linked supertrafficking of a potassium channel. Journal of Biological Chemistry, 2021, 296, 100423.	1.6	3