

Markus Söllman-Alm

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2199143/publications.pdf>

Version: 2024-02-01

29
papers

3,262
citations

331670

21
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

6945
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly diversified expansions shaped the evolution of membrane bound proteins in metazoans. <i>Scientific Reports</i> , 2017, 7, 12387.	3.3	16
2	Topology based identification and comprehensive classification of four-transmembrane helix containing proteins (4TMs) in the human genome. <i>BMC Genomics</i> , 2016, 17, 268.	2.8	10
3	Determination of obesity associated gene variants related to TMEM18 through ultra-deep targeted re-sequencing in a case-control cohort for pediatric obesity. <i>Genetical Research</i> , 2015, 97, e16.	0.9	4
4	Many obesity-associated SNPs strongly associate with DNA methylation changes at proximal promoters and enhancers. <i>Genome Medicine</i> , 2015, 7, 103.	8.2	124
5	Dominant Red Coat Color in Holstein Cattle Is Associated with a Missense Mutation in the Coatmer Protein Complex, Subunit Alpha (COPA) Gene. <i>PLoS ONE</i> , 2015, 10, e0128969.	2.5	30
6	Evolution of Darwin's finches and their beaks revealed by genome sequencing. <i>Nature</i> , 2015, 518, 371-375.	27.8	766
7	Kiwi genome provides insights into evolution of a nocturnal lifestyle. <i>Genome Biology</i> , 2015, 16, 147.	8.8	68
8	Evolutionary hierarchy of vertebrate-like heterotrimeric G protein families. <i>Molecular Phylogenetics and Evolution</i> , 2015, 91, 27-40.	2.7	35
9	Association of the LINGO2-related SNP rs10968576 with body mass in a cohort of elderly Swedes. <i>Molecular Genetics and Genomics</i> , 2015, 290, 1485-1491.	2.1	13
10	Scrutinizing the FTO locus: compelling evidence for a complex, long-range regulatory context. <i>Human Genetics</i> , 2015, 134, 1183-1193.	3.8	22
11	Roux-En Y Gastric Bypass Surgery Induces Genome-Wide Promoter-Specific Changes in DNA Methylation in Whole Blood of Obese Patients. <i>PLoS ONE</i> , 2015, 10, e0115186.	2.5	27
12	The GPCR repertoire in the demosponge <i>Amphimedon queenslandica</i> : insights into the GPCR system at the early divergence of animals. <i>BMC Evolutionary Biology</i> , 2014, 14, 270.	3.2	42
13	Genome-wide analysis reveals DNA methylation markers that vary with both age and obesity. <i>Gene</i> , 2014, 548, 61-67.	2.2	83
14	Insights into the Origin of Nematode Chemosensory GPCRs: Putative Orthologs of the Srw Family Are Found across Several Phyla of Protostomes. <i>PLoS ONE</i> , 2014, 9, e93048.	2.5	26
15	Remarkable similarities between the hemichordate (<i>Saccoglossus kowalevskii</i>) and vertebrate GPCR repertoire. <i>Gene</i> , 2013, 526, 122-133.	2.2	50
16	Early vertebrate origin of melanocortin 2 receptor accessory proteins (MRAPs). <i>General and Comparative Endocrinology</i> , 2013, 188, 123-132.	1.8	14
17	Genome wide analysis reveals association of a FTO gene variant with epigenetic changes. <i>Genomics</i> , 2012, 99, 132-137.	2.9	132
18	The Dispanins: A Novel Gene Family of Ancient Origin That Contains 14 Human Members. <i>PLoS ONE</i> , 2012, 7, e31961.	2.5	74

#	ARTICLE	IF	CITATIONS
19	The Origin of GPCRs: Identification of Mammalian like Rhodopsin, Adhesion, Glutamate and Frizzled GPCRs in Fungi. PLoS ONE, 2012, 7, e29817.	2.5	152
20	Comprehensive analysis of localization of 78 solute carrier genes throughout the subsections of the rat gastrointestinal tract. Biochemical and Biophysical Research Communications, 2011, 411, 702-707.	2.1	19
21	The fat mass and obesity gene is linked to reduced verbal fluency in overweight and obese elderly men. Neurobiology of Aging, 2011, 32, 1159.e1-1159.e5.	3.1	35
22	Trends in the exploitation of novel drug targets. Nature Reviews Drug Discovery, 2011, 10, 579-590.	46.4	720
23	Functional coupling analysis suggests link between the obesity gene FTO and the BDNF-NTRK2 signaling pathway. BMC Neuroscience, 2011, 12, 117.	1.9	22
24	Functional specialization in nucleotide sugar transporters occurred through differentiation of the gene cluster EamA (DUF6) before the radiation of Viridiplantae. BMC Evolutionary Biology, 2011, 11, 123.	3.2	37
25	Independent HHsearch, Needleman-Wunsch-Based, and Motif Analyses Reveal the Overall Hierarchy for Most of the G Protein-Coupled Receptor Families. Molecular Biology and Evolution, 2011, 28, 2471-2480.	8.9	145
26	Detailed Analysis of Variants in FTO in Association with Body Composition in a Cohort of 70-Year-Olds Suggests a Weakened Effect among Elderly. PLoS ONE, 2011, 6, e20158.	2.5	19
27	The obesity gene, TMEM18, is of ancient origin, found in majority of neuronal cells in all major brain regions and associated with obesity in severely obese children. BMC Medical Genetics, 2010, 11, 58.	2.1	65
28	Mapping the human membrane proteome: a majority of the human membrane proteins can be classified according to function and evolutionary origin. BMC Biology, 2009, 7, 50.	3.8	497
29	Critical evaluation of the FANTOM3 non-coding RNA transcripts. Genomics, 2009, 94, 169-176.	2.9	15