Eva M Neuhaus

List of Publications by Year
in descending order

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50 papers	2,577 citations	218381 26 h-index	197535 49 g-index
51 all docs	51 docs citations	51 times ranked	2812 citing authors

#	Article	IF	Citations
1	Odorant receptor heterodimerization in the olfactory system of Drosophila melanogaster. Nature Neuroscience, 2005, 8, 15-17.	7.1	285
2	Activation of an Olfactory Receptor Inhibits Proliferation of Prostate Cancer Cells. Journal of Biological Chemistry, 2009, 284, 16218-16225.	1.6	216
3	Particulate Adenylate Cyclase Plays a Key Role in Human Sperm Olfactory Receptor-mediated Chemotaxis. Journal of Biological Chemistry, 2004, 279, 40194-40203.	1.6	136
4	Disruption of a Dynamin Homologue Affects Endocytosis, Organelle Morphology, and Cytokinesis inDictyostelium discoideum. Molecular Biology of the Cell, 1999, 10, 225-243.	0.9	105
5	beta-Arrestin2-Mediated Internalization of Mammalian Odorant Receptors. Journal of Neuroscience, 2006, 26, 9902-9912.	1.7	96
6	Ethane-Freezing/Methanol-Fixation of Cell Monolayers: A Procedure for Improved Preservation of Structure and Antigenicity for Light and Electron Microscopies. Journal of Structural Biology, 1998, 121, 326-342.	1.3	94
7	Tmem16b is Specifically Expressed in the Cilia of Olfactory Sensory Neurons. Chemical Senses, 2010, 35, 239-245.	1.1	94
8	A Specific Heat Shock Protein Enhances the Expression of Mammalian Olfactory Receptor Proteins. Chemical Senses, 2006, 31, 445-452.	1.1	90
9	Toxoplasma gondii myosins B/C. Journal of Cell Biology, 2001, 155, 613-624.	2.3	87
10	Prediction of a Ligandâ€Binding Niche within a Human Olfactory Receptor by Combining Siteâ€Directed Mutagenesis with Dynamic Homology Modeling. Angewandte Chemie - International Edition, 2012, 51, 1274-1278.	7.2	83
11	Functional Characterization of the Odorant Receptor 51E2 in Human Melanocytes. Journal of Biological Chemistry, 2016, 291, 17772-17786.	1.6	80
12	A Myosin I Is Involved in Membrane Recycling from Early Endosomes. Journal of Cell Biology, 2000, 150, 1013-1026.	2.3	76
13	Deep Sequencing of the Murine Olfactory Receptor Neuron Transcriptome. PLoS ONE, 2015, 10, e0113170.	1.1	74
14	Morphology and Dynamics of the Endocytic Pathway inDictyostelium discoideum. Molecular Biology of the Cell, 2002, 13, 1390-1407.	0.9	72
15	Chemosensory Ca2+ Dynamics Correlate with Diverse Behavioral Phenotypes in Human Sperm. Journal of Biological Chemistry, 2011, 286, 17311-17325.	1.6	69
16	Optimized Fixation and Immunofluorescence Staining Methods for Dictyostelium Cells. , 2006, 346, 327-338.		68
17	Mitochondrial Ca2+ mobilization is a key element in olfactory signaling. Nature Neuroscience, 2012, 15, 754-762.	7.1	64
18	The Stimulatory GÎ±s Protein Is Involved in Olfactory Signal Transduction in Drosophila. PLoS ONE, 2011, 6, e18605.	1.1	64

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19	Novel function of Î²-arrestin2 in the nucleus of mature spermatozoa. Journal of Cell Science, 2006, 119, 3047-3056.	1.2	62
20	Functional expression of olfactory receptors in human primary melanoma and melanoma metastasis. Experimental Dermatology, 2017, 26, 569-576.	1.4	55
21	Dictyostelium discoideumprotein disulfide isomerase, an endoplasmic reticulum resident enzyme lacking a KDEL-type retrieval signal. FEBS Letters, 1997, 418, 357-362.	1.3	54
22	Identification of a Novel Saturable Endoplasmic Reticulum Localization Mechanism Mediated by the C-Terminus of aDictyosteliumProtein Disulfide Isomerase. Molecular Biology of the Cell, 2000, 11, 3469-3484.	0.9	42
23	Dynamin A, Myosin IB and Abp1 Couple Phagosome Maturation to Fâ€Actin Binding. Traffic, 2012, 13, 120-130.	1.3	42
24	G Protein-coupled Receptor Signaling via Src Kinase Induces Endogenous Human Transient Receptor Potential Vanilloid Type 6 (TRPV6) Channel Activation. Journal of Biological Chemistry, 2011, 286, 13184-13192.	1.6	40
25	Purinergic signalling mobilizes mitochondrial Ca²⁺ in mouse Sertoli cells. Journal of Physiology, 2011, 589, 5033-5055.	1.3	36
26	CD36 is involved in oleic acid detection by the murine olfactory system. Frontiers in Cellular Neuroscience, 2015, 9, 366.	1.8	36
27	Olfaction in Three Genetic and Two MPTP-Induced Parkinsonâ€™s Disease Mouse Models. PLoS ONE, 2013, 8, e77509.	1.1	32
28	Co-expression of Anoctamins in Cilia of Olfactory Sensory Neurons. Chemical Senses, 2015, 40, 73-87.	1.1	28
29	Quantitative phosphoproteomics reveals the protein tyrosine kinase Pyk2 as a central effector of olfactory receptor signaling in prostate cancer cells. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 632-640.	1.1	25
30	GoÎ± Is Involved in Sugar Perception in Drosophila. Chemical Senses, 2011, 36, 69-81.	1.1	24
31	New Insight into Stimulus-Induced Plasticity of the Olfactory Epithelium in Mus musculus by Quantitative Proteomics. Journal of Proteome Research, 2008, 7, 1594-1605.	1.8	20
32	Characterization of recombinant and native Ih-channels from Apis mellifera. Insect Biochemistry and Molecular Biology, 2003, 33, 1123-1134.	1.2	18
33	Variants of the Drosophila melanogaster Ih-channel are generated by different splicing. Insect Biochemistry and Molecular Biology, 2005, 35, 505-514.	1.2	18
34	Purinergic receptor antagonists inhibit odorant-mediated CREB phosphorylation in sustentacular cells of mouse olfactory epithelium. BMC Neuroscience, 2011, 12, 86.	0.8	18
35	Olfactory receptor signaling is regulated by the postâ€synaptic density 95, Drosophila discs large, zonaâ€occludens 1 (PDZ) scaffold multiâ€PDZ domain protein 1. FEBS Journal, 2009, 276, 7279-7290.	2.2	17
36	Molecular and functional characterization of an I_hâ€channel from lobster olfactory receptor neurons. European Journal of Neuroscience, 2005, 21, 1635-1647.	1.2	16

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37	Molecular evolution of a chordate specific family of G protein-coupled receptors. BMC Evolutionary Biology, 2011, 11, 234.	3.2	16
38	Amiloride Derivatives Are Effective Blockers of Insect Odorant Receptors. Chemical Senses, 2013, 38, 231-236.	1.1	16
39	Scaffolding by MUPP1 regulates odorant-mediated signaling in olfactory sensory neurons. Journal of Cell Science, 2014, 127, 2518-27.	1.2	15
40	Molecular Mechanisms of Membrane Trafficking. What do we Learn from Dictyostelium discoideum?. Protist, 1999, 150, 235-243.	0.6	13
41	An ancestral TMEM16 homolog from Dictyostelium discoideum forms a scramblase. PLoS ONE, 2018, 13, e0191219.	1.1	13
42	Elevated Cytosolic Clâ^'Concentrations in Dendritic Knobs of Mouse Vomeronasal Sensory Neurons. Chemical Senses, 2016, 41, 669-676.	1.1	12
43	Whole Mount Labeling of Cilia in the Main Olfactory System of Mice. Journal of Visualized Experiments, 2014, , .	0.2	11
44	The BEACH Protein LRBA Promotes the Localization of the Heterotrimeric G-protein Golf to Olfactory Cilia. Scientific Reports, 2017, 7, 8409.	1.6	10
45	Chemokine signaling is required for homeostatic and injury-induced neurogenesis in the olfactory epithelium. Stem Cells, 2021, 39, 617-635.	1.4	10
46	Genome-Wide Screen Reveals Rhythmic Regulation of Genes Involved in Odor Processing in the Olfactory Epithelium. Journal of Biological Rhythms, 2015, 30, 506-518.	1.4	9
47	Biochemical Large-Scale Interaction Analysis of Murine Olfactory Receptors and Associated Signaling Proteins with Post-Synaptic Density 95, Drosophila Discs Large, Zona-Occludens 1 (PDZ) Domains. Molecular and Cellular Proteomics, 2015, 14, 2072-2084.	2.5	5
48	Mimicking the olfactory system for the classification of chemical data. Trends in Biotechnology, 2008, 26, 347-349.	4.9	1
49	NHERF1 in Microvilli of Vomeronasal Sensory Neurons. Chemical Senses, 2017, 42, bjw094.	1.1	1
50	Signal Transduction in Olfactory Neurons. , 2020, , 545-564.		0