

# Eva M Neuhaus

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Chemokine signaling is required for homeostatic and injury-induced neurogenesis in the olfactory epithelium. <i>Stem Cells</i> , 2021, 39, 617-635.	1.4	10
2	Signal Transduction in Olfactory Neurons. , 2020, , 545-564.		0
3	An ancestral TMEM16 homolog from Dictyostelium discoideum forms a scramblase. <i>PLoS ONE</i> , 2018, 13, e0191219.	1.1	13
4	NHERF1 in Microvilli of Vomeronasal Sensory Neurons. <i>Chemical Senses</i> , 2017, 42, bjw094.	1.1	1
5	Functional expression of olfactory receptors in human primary melanoma and melanoma metastasis. <i>Experimental Dermatology</i> , 2017, 26, 569-576.	1.4	55
6	The BEACH Protein LRBA Promotes the Localization of the Heterotrimeric G-protein Golf to Olfactory Cilia. <i>Scientific Reports</i> , 2017, 7, 8409.	1.6	10
7	Elevated Cytosolic Cl <sup>-</sup> Concentrations in Dendritic Knobs of Mouse Vomeronasal Sensory Neurons. <i>Chemical Senses</i> , 2016, 41, 669-676.	1.1	12
8	Functional Characterization of the Odorant Receptor 51E2 in Human Melanocytes. <i>Journal of Biological Chemistry</i> , 2016, 291, 17772-17786.	1.6	80
9	Genome-Wide Screen Reveals Rhythmic Regulation of Genes Involved in Odor Processing in the Olfactory Epithelium. <i>Journal of Biological Rhythms</i> , 2015, 30, 506-518.	1.4	9
10	CD36 is involved in oleic acid detection by the murine olfactory system. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 366.	1.8	36
11	Co-expression of Anoctamins in Cilia of Olfactory Sensory Neurons. <i>Chemical Senses</i> , 2015, 40, 73-87.	1.1	28
12	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. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2072-2084.	2.5	5
13	Quantitative phosphoproteomics reveals the protein tyrosine kinase Pyk2 as a central effector of olfactory receptor signaling in prostate cancer cells. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 632-640.	1.1	25
14	Deep Sequencing of the Murine Olfactory Receptor Neuron Transcriptome. <i>PLoS ONE</i> , 2015, 10, e0113170.	1.1	74
15	Whole Mount Labeling of Cilia in the Main Olfactory System of Mice. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	11
16	Scaffolding by MUPP1 regulates odorant-mediated signaling in olfactory sensory neurons. <i>Journal of Cell Science</i> , 2014, 127, 2518-27.	1.2	15
17	Amiloride Derivatives Are Effective Blockers of Insect Odorant Receptors. <i>Chemical Senses</i> , 2013, 38, 231-236.	1.1	16
18	Olfaction in Three Genetic and Two MPTP-Induced Parkinsonâ€™s Disease Mouse Models. <i>PLoS ONE</i> , 2013, 8, e77509.	1.1	32

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19	Mitochondrial Ca <sup>2+</sup> mobilization is a key element in olfactory signaling. <i>Nature Neuroscience</i> , 2012, 15, 754-762.	7.1	64
20	Dynamin A, Myosin IB and Abp1 Couple Phagosome Maturation to F-Actin Binding. <i>Traffic</i> , 2012, 13, 120-130.	1.3	42
21	Prediction of a Ligand-Binding Niche within a Human Olfactory Receptor by Combining Site-Directed Mutagenesis with Dynamic Homology Modeling. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1274-1278.	7.2	83
22	Purinergic signalling mobilizes mitochondrial Ca <sup>2+</sup> in mouse Sertoli cells. <i>Journal of Physiology</i> , 2011, 589, 5033-5055.	1.3	36
23	Purinergic receptor antagonists inhibit odorant-mediated CREB phosphorylation in sustentacular cells of mouse olfactory epithelium. <i>BMC Neuroscience</i> , 2011, 12, 86.	0.8	18
24	Molecular evolution of a chordate specific family of G protein-coupled receptors. <i>BMC Evolutionary Biology</i> , 2011, 11, 234.	3.2	16
25	Go $\alpha$ Is Involved in Sugar Perception in <i>Drosophila</i> . <i>Chemical Senses</i> , 2011, 36, 69-81.	1.1	24
26	G Protein-coupled Receptor Signaling via Src Kinase Induces Endogenous Human Transient Receptor Potential Vanilloid Type 6 (TRPV6) Channel Activation. <i>Journal of Biological Chemistry</i> , 2011, 286, 13184-13192.	1.6	40
27	Chemosensory Ca <sup>2+</sup> Dynamics Correlate with Diverse Behavioral Phenotypes in Human Sperm. <i>Journal of Biological Chemistry</i> , 2011, 286, 17311-17325.	1.6	69
28	The Stimulatory G $\beta$ s Protein Is Involved in Olfactory Signal Transduction in <i>Drosophila</i> . <i>PLoS ONE</i> , 2011, 6, e18605.	1.1	64
29	Tmem16b is Specifically Expressed in the Cilia of Olfactory Sensory Neurons. <i>Chemical Senses</i> , 2010, 35, 239-245.	1.1	94
30	Activation of an Olfactory Receptor Inhibits Proliferation of Prostate Cancer Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 16218-16225.	1.6	216
31	Olfactory receptor signaling is regulated by the postsynaptic density 95, <i>Drosophila</i> discs large, zona-occludens 1 (PDZ) scaffold multi-PDZ domain protein 1. <i>FEBS Journal</i> , 2009, 276, 7279-7290.	2.2	17
32	Mimicking the olfactory system for the classification of chemical data. <i>Trends in Biotechnology</i> , 2008, 26, 347-349.	4.9	1
33	New Insight into Stimulus-Induced Plasticity of the Olfactory Epithelium in <i>Mus musculus</i> by Quantitative Proteomics. <i>Journal of Proteome Research</i> , 2008, 7, 1594-1605.	1.8	20
34	beta-Arrestin2-Mediated Internalization of Mammalian Odorant Receptors. <i>Journal of Neuroscience</i> , 2006, 26, 9902-9912.	1.7	96
35	Optimized Fixation and Immunofluorescence Staining Methods for <i>Dictyostelium</i> Cells. , 2006, 346, 327-338.		68
36	Novel function of $\beta$ -arrestin2 in the nucleus of mature spermatozoa. <i>Journal of Cell Science</i> , 2006, 119, 3047-3056.	1.2	62

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37	A Specific Heat Shock Protein Enhances the Expression of Mammalian Olfactory Receptor Proteins. <i>Chemical Senses</i> , 2006, 31, 445-452.	1.1	90
38	Molecular and functional characterization of an Ih-channel from lobster olfactory receptor neurons. <i>European Journal of Neuroscience</i> , 2005, 21, 1635-1647.	1.2	16
39	Odorant receptor heterodimerization in the olfactory system of <i>Drosophila melanogaster</i> . <i>Nature Neuroscience</i> , 2005, 8, 15-17.	7.1	285
40	Variants of the <i>Drosophila melanogaster</i> Ih-channel are generated by different splicing. <i>Insect Biochemistry and Molecular Biology</i> , 2005, 35, 505-514.	1.2	18
41	Particulate Adenylate Cyclase Plays a Key Role in Human Sperm Olfactory Receptor-mediated Chemotaxis. <i>Journal of Biological Chemistry</i> , 2004, 279, 40194-40203.	1.6	136
42	Characterization of recombinant and native Ih-channels from <i>Apis mellifera</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2003, 33, 1123-1134.	1.2	18
43	Morphology and Dynamics of the Endocytic Pathway in <i>Dictyostelium discoideum</i> . <i>Molecular Biology of the Cell</i> , 2002, 13, 1390-1407.	0.9	72
44	<i>Toxoplasma gondii</i> myosins B/C. <i>Journal of Cell Biology</i> , 2001, 155, 613-624.	2.3	87
45	Identification of a Novel Saturable Endoplasmic Reticulum Localization Mechanism Mediated by the C-Terminus of a <i>Dictyostelium</i> Protein Disulfide Isomerase. <i>Molecular Biology of the Cell</i> , 2000, 11, 3469-3484.	0.9	42
46	A Myosin I Is Involved in Membrane Recycling from Early Endosomes. <i>Journal of Cell Biology</i> , 2000, 150, 1013-1026.	2.3	76
47	Disruption of a Dynamin Homologue Affects Endocytosis, Organelle Morphology, and Cytokinesis in <i>Dictyostelium discoideum</i> . <i>Molecular Biology of the Cell</i> , 1999, 10, 225-243.	0.9	105
48	Molecular Mechanisms of Membrane Trafficking. What do we Learn from <i>Dictyostelium discoideum</i> ?. <i>Protist</i> , 1999, 150, 235-243.	0.6	13
49	Ethane-Freezing/Methanol-Fixation of Cell Monolayers: A Procedure for Improved Preservation of Structure and Antigenicity for Light and Electron Microscopies. <i>Journal of Structural Biology</i> , 1998, 121, 326-342.	1.3	94
50	<i>Dictyostelium discoideum</i> protein disulfide isomerase, an endoplasmic reticulum resident enzyme lacking a KDEL-type retrieval signal. <i>FEBS Letters</i> , 1997, 418, 357-362.	1.3	54