

# Maria Lindahl

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5112341/publications.pdf>

Version: 2024-02-01

41  
papers

3,739  
citations

172457

29  
h-index

265206

42  
g-index

42  
all docs

42  
docs citations

42  
times ranked

4012  
citing authors

#	ARTICLE	IF	CITATIONS
1	MANF supports the inner hair cell synapse and the outer hair cell stereocilia bundle in the cochlea. <i>Life Science Alliance</i> , 2022, 5, e202101068.	2.8	3
2	CDNF and MANF regulate ER stress in a tissue-specific manner. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 124.	5.4	14
3	Loss of MANF Causes Childhood-Onset Syndromic Diabetes Due to Increased Endoplasmic Reticulum Stress. <i>Diabetes</i> , 2021, 70, 1006-1018.	0.6	37
4	Xylooligosaccharides Increase <i>Bifidobacteria</i> and <i>Lachnospiraceae</i> in Mice on a High-Fat Diet, with a Concomitant Increase in Short-Chain Fatty Acids, Especially Butyric Acid. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3617-3625.	5.2	48
5	The overexpression of GDNF in nucleus accumbens suppresses alcohol-seeking behavior in group-housed C57Bl/6J female mice. <i>Journal of Biomedical Science</i> , 2021, 28, 87.	7.0	3
6	Cerebral dopamine neurotrophic factor deficiency leads to degeneration of enteric neurons and altered brain dopamine neuronal function in mice. <i>Neurobiology of Disease</i> , 2020, 134, 104696.	4.4	33
7	Neuroplastin Modulates Anti-inflammatory Effects of MANF. <i>IScience</i> , 2020, 23, 101810.	4.1	46
8	Cerebral dopamine neurotrophic factor is essential for enteric neuronal development, maintenance, and regulation of gastrointestinal transit. <i>Journal of Comparative Neurology</i> , 2020, 528, 2420-2444.	1.6	17
9	Deficiency of the ER-stress-regulator MANF triggers progressive outer hair cell death and hearing loss. <i>Cell Death and Disease</i> , 2020, 11, 100.	6.3	37
10	MANF Ablation Causes Prolonged Activation of the UPR without Neurodegeneration in the Mouse Midbrain Dopamine System. <i>ENeuro</i> , 2020, 7, ENEURO.0477-19.2019.	1.9	26
11	Discovery of endoplasmic reticulum calcium stabilizers to rescue ER-stressed podocytes in nephrotic syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14154-14163.	7.1	39
12	Mesencephalic Astrocyte-Derived Neurotrophic Factor (MANF) Is Highly Expressed in Mouse Tissues With Metabolic Function. <i>Frontiers in Endocrinology</i> , 2019, 10, 765.	3.5	46
13	<i>Cfra1</i> Underexpression Causes Hirschsprung's Disease and Associated Enterocolitis in Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 655-678.	4.5	20
14	MANF Is Required for the Postnatal Expansion and Maintenance of Pancreatic $\beta$ -Cell Mass in Mice. <i>Diabetes</i> , 2019, 68, 66-80.	0.6	50
15	MANF Promotes Differentiation and Migration of Neural Progenitor Cells with Potential Neural Regenerative Effects in Stroke. <i>Molecular Therapy</i> , 2018, 26, 238-255.	8.2	71
16	Emerging Roles for Mesencephalic Astrocyte-Derived Neurotrophic Factor (MANF) in Pancreatic Beta Cells and Diabetes. <i>Frontiers in Physiology</i> , 2018, 9, 1457.	2.8	17
17	Poststroke delivery of MANF promotes functional recovery in rats. <i>Science Advances</i> , 2018, 4, eaap8957.	10.3	64
18	MANF protects human pancreatic beta cells against stress-induced cell death. <i>Diabetologia</i> , 2018, 61, 2202-2214.	6.3	66

#	ARTICLE	IF	CITATIONS
19	Pancreatic $\beta$ -cell protection from inflammatory stress by the endoplasmic reticulum proteins thrombospondin 1 and mesencephalic astrocyte-derived neurotrophic factor (MANF). <i>Journal of Biological Chemistry</i> , 2017, 292, 14977-14988.	3.4	41
20	Unconventional neurotrophic factors CDNF and MANF: Structure, physiological functions and therapeutic potential. <i>Neurobiology of Disease</i> , 2017, 97, 90-102.	4.4	151
21	Intrastrially Infused Exogenous CDNF Is Endocytosed and Retrogradely Transported to Substantia Nigra. <i>ENeuro</i> , 2017, 4, ENEURO.0128-16.2017.	1.9	32
22	MANF Is Essential for Neurite Extension and Neuronal Migration in the Developing Cortex. <i>ENeuro</i> , 2017, 4, ENEURO.0214-17.2017.	1.9	48
23	Increased circulating concentrations of mesencephalic astrocyte-derived neurotrophic factor in children with type 1 diabetes. <i>Scientific Reports</i> , 2016, 6, 29058.	3.3	56
24	Mesencephalic Astrocyte-Derived Neurotrophic Factor as a Urine Biomarker for Endoplasmic Reticulum Stress-Related Kidney Diseases. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 2974-2982.	6.1	49
25	GDNF Overexpression from the Native Locus Reveals its Role in the Nigrostriatal Dopaminergic System Function. <i>PLoS Genetics</i> , 2015, 11, e1005710.	3.5	96
26	MANF Is Indispensable for the Proliferation and Survival of Pancreatic $\beta$ Cells. <i>Cell Reports</i> , 2014, 7, 366-375.	6.4	161
27	CDNF Protects the Nigrostriatal Dopamine System and Promotes Recovery after MPTP Treatment in Mice. <i>Cell Transplantation</i> , 2012, 21, 1213-1223.	2.5	112
28	The role of the CCR1 receptor in the inflammatory response to tobacco smoke in a mouse model. <i>Inflammation Research</i> , 2010, 59, 817-825.	4.0	8
29	Persephin signaling through GFR $\alpha$ 1: The potential for the treatment of Parkinson's disease. <i>Molecular and Cellular Neurosciences</i> , 2010, 44, 223-232.	2.2	30
30	Bacteria Challenge in Smoke-exposed Mice Exacerbates Inflammation and Skews the Inflammatory Profile. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 666-675.	5.6	104
31	Cigarette Smoke Exposure Attenuates Cytokine Production by Mouse Alveolar Macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 38, 218-226.	2.9	94
32	Cooperative Inhibitory Effects of Budesonide and Formoterol on Eosinophil Superoxide Production Stimulated by Bronchial Epithelial Cell Conditioned Medium. <i>International Archives of Allergy and Immunology</i> , 2007, 143, 201-210.	2.1	11
33	Novel neurotrophic factor CDNF protects and rescues midbrain dopamine neurons in vivo. <i>Nature</i> , 2007, 448, 73-77.	27.8	382
34	Ablation of Persephin Receptor Glial Cell Line-Derived Neurotrophic Factor Family Receptor $\alpha$ 4 Impairs Thyroid Calcitonin Production in Young Mice. <i>Endocrinology</i> , 2006, 147, 2237-2244.	2.8	33
35	Neurotensin polyplex as an efficient carrier for delivering the human GDNF gene into nigral dopamine neurons of hemiparkinsonian rats. <i>Molecular Therapy</i> , 2006, 14, 857-865.	8.2	68
36	PSPN/GFR $\alpha$ 4 has a significantly weaker capacity than GDNF/GFR $\alpha$ 1 to recruit RET to rafts, but promotes neuronal survival and neurite outgrowth. <i>FEBS Letters</i> , 2004, 569, 267-271.	2.8	15

#	ARTICLE	IF	CITATIONS
37	Human Glial Cell Line-derived Neurotrophic Factor Receptor $\hat{1}\pm 4$ Is the Receptor for Persephin and Is Predominantly Expressed in Normal and Malignant Thyroid Medullary Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 9344-9351.	3.4	77
38	Expression and Alternative Splicing of Mouse Gfra4 Suggest Roles in Endocrine Cell Development. <i>Molecular and Cellular Neurosciences</i> , 2000, 15, 522-533.	2.2	90
39	Regulation of Cell Fate Decision of Undifferentiated Spermatogonia by GDNF. <i>Science</i> , 2000, 287, 1489-1493.	12.6	1,219
40	GDNF triggers a novel Ret-independent Src kinase family-coupled signaling via a GPI-linked GDNF receptor $l\pm 1$ . <i>FEBS Letters</i> , 1999, 463, 63-66.	2.8	143
41	Cloning, mRNA distribution and chromosomal localisation of the gene for glial cell line-derived neurotrophic factor receptor beta, a homologue to GDNFR-alpha. <i>Human Molecular Genetics</i> , 1997, 6, 1267-1273.	2.9	80