

Maria Lindahl

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,739
citations

172457

29
h-index

265206

42
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42
all docs

42
docs citations

42
times ranked

4012
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of Cell Fate Decision of Undifferentiated Spermatogonia by GDNF. <i>Science</i> , 2000, 287, 1489-1493.	12.6	1,219
2	Novel neurotrophic factor CDNF protects and rescues midbrain dopamine neurons in vivo. <i>Nature</i> , 2007, 448, 73-77.	27.8	382
3	MANF Is Indispensable for the Proliferation and Survival of Pancreatic β Cells. <i>Cell Reports</i> , 2014, 7, 366-375.	6.4	161
4	Unconventional neurotrophic factors CDNF and MANF: Structure, physiological functions and therapeutic potential. <i>Neurobiology of Disease</i> , 2017, 97, 90-102.	4.4	151
5	GDNF triggers a novel Ret-independent Src kinase family-coupled signaling via a GPI-linked GDNF receptor β . <i>FEBS Letters</i> , 1999, 463, 63-66.	2.8	143
6	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
7	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
8	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
9	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
10	Expression and Alternative Splicing of Mouse <i>Gfra4</i> Suggest Roles in Endocrine Cell Development. <i>Molecular and Cellular Neurosciences</i> , 2000, 15, 522-533.	2.2	90
11	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
12	Human Glial Cell Line-derived Neurotrophic Factor Receptor β 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
13	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
14	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
15	MANF protects human pancreatic beta cells against stress-induced cell death. <i>Diabetologia</i> , 2018, 61, 2202-2214.	6.3	66
16	Poststroke delivery of MANF promotes functional recovery in rats. <i>Science Advances</i> , 2018, 4, eaap8957.	10.3	64
17	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
18	MANF Is Required for the Postnatal Expansion and Maintenance of Pancreatic β -Cell Mass in Mice. <i>Diabetes</i> , 2019, 68, 66-80.	0.6	50

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19	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
20	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
21	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
22	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
23	Neuroplastin Modulates Anti-inflammatory Effects of MANF. <i>IScience</i> , 2020, 23, 101810.	4.1	46
24	Pancreatic β -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
25	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
26	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
27	Loss of MANF Causes Childhood-Onset Syndromic Diabetes Due to Increased Endoplasmic Reticulum Stress. <i>Diabetes</i> , 2021, 70, 1006-1018.	0.6	37
28	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
29	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
30	Intrastrially Infused Exogenous CDNF Is Endocytosed and Retrogradely Transported to Substantia Nigra. <i>ENeuro</i> , 2017, 4, ENEURO.0128-16.2017.	1.9	32
31	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
32	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
33	Gfra1 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
34	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
35	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
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

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37	CDNF and MANF regulate ER stress in a tissue-specific manner. Cellular and Molecular Life Sciences, 2022, 79, 124.	5.4	14
38	Cooperative Inhibitory Effects of Budesonide and Formoterol on Eosinophil Superoxide Production Stimulated by Bronchial Epithelial Cell Conditioned Medium. International Archives of Allergy and Immunology, 2007, 143, 201-210.	2.1	11
39	The role of the CCR1 receptor in the inflammatory response to tobacco smoke in a mouse model. Inflammation Research, 2010, 59, 817-825.	4.0	8
40	MANF supports the inner hair cell synapse and the outer hair cell stereocilia bundle in the cochlea. Life Science Alliance, 2022, 5, e202101068.	2.8	3
41	The overexpression of GDNF in nucleus accumbens suppresses alcohol-seeking behavior in group-housed C57Bl/6J female mice. Journal of Biomedical Science, 2021, 28, 87.	7.0	3