

PÃivi Lindholm

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,598
citations

279798

23
h-index

454955

30
g-index

34
all docs

34
docs citations

34
times ranked

1763
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel neurotrophic factor CDNF protects and rescues midbrain dopamine neurons in vivo. <i>Nature</i> , 2007, 448, 73-77.	27.8	382
2	Mesencephalic Astrocyte-Derived Neurotrophic Factor Is Neurorestorative in Rat Model of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2009, 29, 9651-9659.	3.6	238
3	MANF is widely expressed in mammalian tissues and differently regulated after ischemic and epileptic insults in rodent brain. <i>Molecular and Cellular Neurosciences</i> , 2008, 39, 356-371.	2.2	162
4	Novel CDNF/MANF family of neurotrophic factors. <i>Developmental Neurobiology</i> , 2010, 70, 360-371.	3.0	162
5	MANF Is Indispensable for the Proliferation and Survival of Pancreatic β^2 Cells. <i>Cell Reports</i> , 2014, 7, 366-375.	6.4	161
6	Unconventional neurotrophic factors CDNF and MANF: Structure, physiological functions and therapeutic potential. <i>Neurobiology of Disease</i> , 2017, 97, 90-102.	4.4	151
7	Mesencephalic Astrocyte-derived Neurotrophic Factor (MANF) Has a Unique Mechanism to Rescue Apoptotic Neurons. <i>Journal of Biological Chemistry</i> , 2011, 286, 2675-2680.	3.4	127
8	Chronic infusion of CDNF prevents 6-OHDA-induced deficits in a rat model of Parkinson's disease. <i>Experimental Neurology</i> , 2011, 228, 99-108.	4.1	118
9	Insulin mutations impair beta-cell development in a patient-derived iPSC model of neonatal diabetes. <i>ELife</i> , 2018, 7, .	6.0	114
10	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
11	The structure of the conserved neurotrophic factors MANF and CDNF explains why they are bifunctional. <i>Protein Engineering, Design and Selection</i> , 2009, 22, 233-241.	2.1	106
12	Gene therapy with AAV Δ CDNF provides functional benefits in a rat model of Parkinson's disease. <i>Brain and Behavior</i> , 2013, 3, 75-88.	2.2	72
13	MANF protects human pancreatic beta cells against stress-induced cell death. <i>Diabetologia</i> , 2018, 61, 2202-2214.	6.3	66
14	Poststroke delivery of MANF promotes functional recovery in rats. <i>Science Advances</i> , 2018, 4, eaap8957.	10.3	64
15	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
16	Proteolytic processing of potyviral proteins and polyprotein processing intermediates in insect and plant cells. <i>Journal of General Virology</i> , 2002, 83, 1211-1221.	2.9	54
17	Cerebral dopamine neurotrophic factor improves long-term memory in APP/PS1 transgenic mice modeling Alzheimer's disease as well as in wild-type mice. <i>Behavioural Brain Research</i> , 2015, 291, 1-11.	2.2	52
18	Exploring the Conserved Role of MANF in the Unfolded Protein Response in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2016, 11, e0151550.	2.5	49

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19	Evidence for an Additive Neurorestorative Effect of Simultaneously Administered CDNF and GDNF in Hemiparkinsonian Rats: Implications for Different Mechanism of Action. <i>ENeuro</i> , 2017, 4, ENEURO.0117-16.2017.	1.9	47
20	Comparative Analysis of the Effects of Neurotrophic Factors CDNF and GDNF in a Nonhuman Primate Model of Parkinson's Disease. <i>PLoS ONE</i> , 2016, 11, e0149776.	2.5	46
21	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
22	Characterization of the Structural and Functional Determinants of MANF/CDNF in <i>Drosophila</i> In Vivo Model. <i>PLoS ONE</i> , 2013, 8, e73928.	2.5	37
23	Cerebral dopamine neurotrophic factor protects and repairs dopamine neurons by novel mechanism. <i>Molecular Psychiatry</i> , 2022, 27, 1310-1321.	7.9	34
24	The cytoprotective protein MANF promotes neuronal survival independently from its role as a GRP78 cofactor. <i>Journal of Biological Chemistry</i> , 2021, 296, 100295.	3.4	31
25	Increased Serum Levels of Mesencephalic Astrocyte-Derived Neurotrophic Factor in Subjects With Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2019, 13, 929.	2.8	26
26	Mesencephalic Astrocyte-Derived Neurotrophic Factor Is Upregulated with Therapeutic Fasting in Humans and Diet Fat Withdrawal in Obese Mice. <i>Scientific Reports</i> , 2019, 9, 14318.	3.3	20
27	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
28	CDNF and MANF regulate ER stress in a tissue-specific manner. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 124.	5.4	14
29	Characterization of CDNF-Secreting ARPE-19 Cell Clones for Encapsulated Cell Therapy. <i>Cell Transplantation</i> , 2019, 28, 413-424.	2.5	11
30	In vivo screening reveals interactions between <i>Drosophila</i> Manf and genes involved in the mitochondria and the ubiquinone synthesis pathway. <i>BMC Genetics</i> , 2017, 18, 52.	2.7	10
31	Intranasal delivery of recombinant MANF protein is neuroprotective in cortical ischemia-reperfusion injury in rats. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-1-36.	0.0	0