Luigi Aloe

List of Publications by Year in descending order

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55 papers	4,232 citations	156536 32 h-index	198040 52 g-index
55 all docs	55 docs citations	55 times ranked	4336 citing authors

#	Article	IF	Citations
1	Ocular surface toll like receptors in ageing. BMC Ophthalmology, 2022, 22, 185.	0.6	3
2	Retrobulbar administration of purified anti-nerve growth factor in developing rats induces structural and biochemical changes in the retina and cornea. International Journal of Ophthalmology, 2021, 14, 209-216.	0.5	2
3	The First and Last Time I Met Rita Levi-Montalcini: From the Insect Neurotrophic Factor to the Nerve Growth Factor Clinical Application. Advances in Experimental Medicine and Biology, 2021, 1331, 11-18.	0.8	0
4	Long-Term Non-Invasive Treatment via Intranasal Administration of Nerve Growth Factor Protects the Human Brain in Frontotemporal Dementia associated with Corticobasal Syndrome: A Pilot Study. Journal of Alzheimer's Disease Reports, 2018, 2, 67-77.	1.2	18
5	NGF/anti-VEGF combined exposure protects RCS retinal cells and photoreceptors that underwent a local worsening of inflammation. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 567-574.	1.0	10
6	Nerve growth factor: role in growth, differentiation and controlling cancer cell development. Journal of Experimental and Clinical Cancer Research, 2016, 35, 116.	3.5	55
7	Effect of Purified Murine NGF on Isolated Photoreceptors of a Rodent Developing Retinitis Pigmentosa. PLoS ONE, 2015, 10, e0124810.	1.1	22
8	Nerve growth factor and autophagy: effect of nasal anti-NGF-antibodies administration on Ambra1 and Beclin-1 expression in rat brain. Growth Factors, 2015, 33, 401-409.	0.5	11
9	Nerve Growth Factor: A Focus on Neuroscience and Therapy. Current Neuropharmacology, 2015, 13, 294-303.	1.4	145
10	NGF and VEGF Effects on Retinal Ganglion Cell Fate: New Evidence from an Animal Model of Diabetes. European Journal of Ophthalmology, 2014, 24, 247-253.	0.7	30
11	Intranasal nerve growth factor bypasses the blood-brain barrier and affects spinal cord neurons in spinal cord injury. Neural Regeneration Research, 2014, 9, 1025.	1.6	17
12	Homage to Rita Leviâ€‹scp›M‹/scp›ontalcini, the queen of modern neuroscience. Cell Biology International, 2013, 37, 761-765.	1.4	5
13	Capsaicin-Induced Corneal Sensory Denervation and Healing Impairment Are Reversed by NGF Treatment. , 2012, 53, 8280.		39
14	Nerve growth factor: from the early discoveries to the potential clinical use. Journal of Translational Medicine, 2012, 10, 239.	1.8	352
15	Ocular Application of Nerve Growth Factor Protects Degenerating Retinal Ganglion Cells in a Rat Model of Glaucoma. Journal of Glaucoma, 2011, 20, 100-108.	0.8	64
16	Neuroprotective role of nerve growth factor in hypoxicischemic injury. From brain to skin. Archives Italiennes De Biologie, 2011, 149, 275-82.	0.1	7
17	Conjunctivally administered NGF antibody reduces pain sensitivity and anxiety-like behavioral responses in aged female mice. Behavioural Brain Research, 2010, 210, 284-287.	1.2	5
18	NGF and NGF-receptor expression of cultured immortalized human corneal endothelial cells. Molecular Vision, 2010, 16, 1439-47.	1.1	20

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19	Experimental and clinical evidence of neuroprotection by nerve growth factor eye drops: Implications for glaucoma. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13469-13474.	3.3	202
20	Glaucoma alters the expression of NGF and NGF receptors in visual cortex and geniculate nucleus of rats: Effect of eye NGF application. Vision Research, 2009, 49, 54-63.	0.7	27
21	Anti-NGF-antibody administration as collyrium reduces the presence of NGF and enhances the expression of VEGF in the retina, lacrimal gland and hippocampus. Neuroscience Letters, 2009, 463, 203-206.	1.0	8
22	Nerve growth factor eye drops improve visual acuity and electrofunctional activity in age-related macular degeneration: a case report. Annali Dell'Istituto Superiore Di Sanita, 2009, 45, 439-42.	0.2	38
23	Retinal p75 and bax overexpression is associated with retinal ganglion cells apoptosis in a rat model of glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2008, 246, 1743-1749.	1.0	61
24	The topical application of nerve growth factor as a pharmacological tool for human corneal and skin ulcers. Pharmacological Research, 2008, 57, 253-258.	3.1	83
25	Reduced NGF level and TrkA protein and TrkA gene expression in the optic nerve of rats with experimentally induced glaucoma. Neuroscience Letters, 2008, 446, 20-24.	1.0	19
26	Identification and early characterization of genetically modified NGF-producing neural stem cells grafted into the injured adult rat brain. Neurological Research, 2008, 30, 244-250.	0.6	7
27	NGF topical application in patients with corneal ulcer does not generate circulating NGF antibodies. Pharmacological Research, 2007, 56, 65-69.	3.1	34
28	Eye drop NGF administration promotes the recovery of chemically injured cholinergic neurons of adult mouse forebrain. European Journal of Neuroscience, 2007, 26, 2473-2480.	1.2	53
29	Nerve growth factor effect on human primary fibroblastic-keratocytes: Possible mechanism during corneal healing. Experimental Eye Research, 2006, 83, 747-757.	1.2	62
30	Efficacy of topical nerve growth factor treatment in dogs affected by dry eye. Graefe's Archive for Clinical and Experimental Ophthalmology, 2005, 243, 151-155.	1.0	66
31	Pharmacokinetics of Conjunctivally Applied Nerve Growth Factor in the Retina and Optic Nerve of Adult Rats. , 2005, 46, 3800.		78
32	Effect of exogenous administration of nerve growth factor in the retina of rats with inherited retinitis pigmentosa. Vision Research, 2005, 45, 1491-1500.	0.7	79
33	Nerve growth factor, human skin ulcers and vascularization. Our experience. Progress in Brain Research, 2004, 146, 515-522.	0.9	41
34	Neurotrophic factors and CNS disorders: findings in rodent models of depression and schizophrenia. Progress in Brain Research, 2004, 146, 151-165.	0.9	105
35	Rita Levi-Montalcini: the discovery of nerve growth factor and modern neurobiology. Trends in Cell Biology, 2004, 14, 395-399.	3.6	89
36	Nerve growth factor involvement in the visual system: implications in allergic and neurodegenerative diseases. Cytokine and Growth Factor Reviews, 2004, 15, 411-417.	3.2	57

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37	Postnatal changes in nerve growth factor and brain derived neurotrophic factor levels in the retina, visual cortex, and geniculate nucleus in rats with retinitis pigmentosa. Neuroscience Letters, 2003, 345, 37-40.	1.0	30
38	New insights on the involvement of Nerve Growth Factor in allergic inflammation and fibrosis. Cytokine and Growth Factor Reviews, 2003, 14, 369-374.	3.2	61
39	Neural stem cells and cholinergic neurons: Regulation by immunolesion and treatment with mitogens, retinoic acid, and nerve growth factor. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7325-7330.	3.3	79
40	Topical Treatment of Pressure Ulcers with Nerve Growth Factor. Annals of Internal Medicine, 2003, 139, 635.	2.0	100
41	NGF modulates CGRP synthesis in human B-lymphocytes: a possible anti-inflammatory action of NGF?. Journal of Neuroimmunology, 2002, 123, 58-65.	1.1	72
42	Healing action of nerve growth factor on lameness in adult goats. Annali Dell'Istituto Superiore Di Sanita, 2002, 38, 187-94.	0.2	4
43	Nerve growth factor levels and mast cell distribution in human coronary atherosclerosis. Atherosclerosis, 2001, 159, 57-66.	0.4	54
44	Altered nerve growth factor level in the optic nerve of patients affected by multiple sclerosis. Multiple Sclerosis Journal, 1999, 5, 389-394.	1.4	23
45	Effect of topical application of nerve-growth factor on pressure ulcers. Lancet, The, 1999, 354, 307.	6.3	87
46	Topical Treatment with Nerve Growth Factor for Corneal Neurotrophic Ulcers. New England Journal of Medicine, 1998, 338, 1174-1180.	13.9	375
47	Nerve growth factor is preformed in and activates human peripheral blood eosinophils. Journal of Allergy and Clinical Immunology, 1998, 102, 454-460.	1.5	182
48	Human CD4+ T cell clones produce and release nerve growth factor and express high-affinity nerve growth factor receptors. Journal of Allergy and Clinical Immunology, 1997, 100, 408-414.	1.5	206
49	Nerve growth factor (NGF) reduces and NGF antibody exacerbates retinal damage induced in rabbit by experimental ocular hypertension. Graefe's Archive for Clinical and Experimental Ophthalmology, 1997, 235, 780-785.	1.0	60
50	Nerve Growth Factor Is an Autocrine Survival Factor for Memory B Lymphocytes. Cell, 1996, 85, 345-356.	13.5	394
51	Nerve growth factor delays retinal degeneration in C3H mice. Graefe's Archive for Clinical and Experimental Ophthalmology, 1996, 234, S96-S100.	1.0	63
52	Nerve Growth Factor and Autoimmune Diseases. Autoimmunity, 1994, 19, 141-150.	1.2	129
53	Effects of oral administration of nerve growth factor and of its antiserum on sympathetic ganglia of neonatal mice. Developmental Brain Research, 1982, 4, 31-34.	2.1	34
54	Mast cells increase in tissues of neonatal rats injected with the nerve growth factor. Brain Research, 1977, 133, 358-366.	1.1	350

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55	In vitro analysis of the frontal and ingluvial ganglia from nymphal specimens of the cockroach Periplaneta americana. Brain Research, 1972, 44, 147-163.	1.1	15