

# Alessandra Micera

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

119  
papers

3,285  
citations

32  
h-index

52  
g-index

124  
ext. papers

3,748  
ext. citations

4.7  
avg, IF

4.93  
L-index

#	Paper	IF	Citations
119	SARS-CoV-2 infection after vaccination in Italian health care workers: a case report.. <i>The National Academy of Sciences, India</i> , <b>2022</b> , 1-6	0.6	0
118	Ocular surface toll like receptors in ageing.. <i>BMC Ophthalmology</i> , <b>2022</b> , 22, 185	2.3	0
117	Tau Cleavage Contributes to Cognitive Dysfunction in Strepto-Zotocin-Induced Sporadic Alzheimer's Disease (sAD) Mouse Model. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
116	Angiotensin System Polymorphisms in SARS-CoV-2 Positive Patients: Assessment Between Symptomatic and Asymptomatic Patients: A Pilot Study. <i>Pharmacogenomics and Personalized Medicine</i> , <b>2021</b> , 14, 621-629	2.1	13
115	Relaxation Response in Stressed Volunteers: Psychometric Tests and Neurotrophin Changes in Biological Fluids. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 655453	5	1
114	Sex Hormones Related Ocular Dryness in Breast Cancer Women. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	2
113	Ocular surface diabetic disease: A neurogenic condition?. <i>Ocular Surface</i> , <b>2021</b> , 19, 218-223	6.5	9
112	NGF in Inflammatory and Neurodegenerative Diseases of the Eye: New Findings Supporting Neuroprotection and Proper Tissue Remodeling in Vitreoretinal Disorders. <i>Advances in Experimental Medicine and Biology</i> , <b>2021</b> , 1331, 265-273	3.6	2
111	Retrobulbar administration of purified anti-nerve growth factor in developing rats induces structural and biochemical changes in the retina and cornea. <i>International Journal of Ophthalmology</i> , <b>2021</b> , 14, 209-216	1.4	2
110	Systemic delivery of a specific antibody targeting the pathological N-terminal truncated tau peptide reduces retinal degeneration in a mouse model of Alzheimer's Disease. <i>Acta Neuropathologica Communications</i> , <b>2021</b> , 9, 38	7.3	4
109	Ocular Surface Failure in Urban Syndrome. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	3
108	Phacoemulsification and nucleic acid-enriched aerosol: considerations from an eye model of cataract simulation. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2021</b> , 259, 3721-3727	3.8	
107	Nerve Growth Factor-Based Therapy in Alzheimer's Disease and Age-Related Macular Degeneration. <i>Frontiers in Neuroscience</i> , <b>2021</b> , 15, 735928	5.1	3
106	Nerve Growth Factor (NGF) modulates in vitro induced myofibroblasts by highlighting a differential protein signature. <i>Scientific Reports</i> , <b>2021</b> , 11, 1672	4.9	0
105	Could Small Neurotoxins-Peptides be Expressed during SARS-CoV-2 Infection?. <i>Current Genomics</i> , <b>2021</b> , 22, 557-563	2.6	0
104	Mast Cells Populate the Corneoscleral Limbus: New Insights for Our Understanding of Limbal Microenvironment <b>2020</b> , 61, 43		2
103	Pharmacogenomics and Pharmacogenetics: In Silico Prediction of Drug Effects in Treatments for Novel Coronavirus SARS-CoV2 Disease. <i>Pharmacogenomics and Personalized Medicine</i> , <b>2020</b> , 13, 463-484	2.1	5

102	CHANGES OF AQUEOUS HUMOR MÜLLER CELLS BIOMARKERS IN HUMAN PATIENTS AFFECTED BY DIABETIC MACULAR EDEMA AFTER SUBTHRESHOLD MICROPULSE LASER TREATMENT. <i>Retina</i> , <b>2020</b> , 40, 126-134	3.6	28
101	Age related changes seen in human cornea in formalin fixed sections and on biomicroscopy in living subjects: A comparison. <i>Clinical Anatomy</i> , <b>2020</b> , 33, 245-256	2.5	5
100	Signaling lipids as diagnostic biomarkers for ocular surface cicatrizing conjunctivitis. <i>Journal of Molecular Medicine</i> , <b>2020</b> , 98, 751-760	5.5	7
99	Osteopontin in vitreous and idiopathic epiretinal membranes. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 258, 1503-1513	3.8	4
98	Biomarkers of Neurodegeneration and Precision Therapy in Retinal Disease. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 601647	5.6	2
97	InflammAging at Ocular Surface: Clinical and Biomolecular Analyses in Healthy Volunteers <b>2019</b> , 60, 1769-1775	23	
96	Changes in vitreal protein profile and retina mRNAs in Reeler mice: NGF, IL33 and Müller cell activation. <i>PLoS ONE</i> , <b>2019</b> , 14, e0212732	3.7	2
95	Sub-threshold micropulse laser treatment reduces inflammatory biomarkers in aqueous humour of diabetic patients with macular edema. <i>Scientific Reports</i> , <b>2019</b> , 9, 10034	4.9	17
94	Ocular mucous membrane pemphigoid: a review. <i>Immunologic Research</i> , <b>2019</b> , 67, 280-289	4.3	13
93	Adult Vernal Keratoconjunctivitis: Clinical and biochemical profile of a rare disease. <i>Ocular Surface</i> , <b>2019</b> , 17, 737-742	6.5	3
92	Alzheimer Disease and Retinal Degeneration: A Glimpse at Essential Trace Metals in Ocular Fluids and Tissues. <i>Current Alzheimer Research</i> , <b>2019</b> , 16, 1073-1083	3	5
91	Human vitreous concentrations of citicoline following topical application of citicoline 2% ophthalmic solution. <i>PLoS ONE</i> , <b>2019</b> , 14, e0224982	3.7	8
90	Inflammatory mediators in the vitreal reflux of patients with diabetic macular edema. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2019</b> , 257, 187-197	3.8	13
89	Tears and ocular surface disorders: Usefulness of biomarkers. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 9982-9993	7	15
88	NGF protects corneal, retinal, and cutaneous tissues/cells from phototoxic effect of UV exposure. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2018</b> , 256, 729-738	3.8	7
87	Ultrastructure of neurovascular changes in human diabetic retinopathy. <i>International Journal of Immunopathology and Pharmacology</i> , <b>2018</b> , 31, 394632017748841	3	12
86	Topographic indices and pachymetry in healthy adolescents obtained with Sirius topographer. <i>International Ophthalmology</i> , <b>2018</b> , 38, 2519-2526	2.2	
85	Age-Related Changes to Human Tear Composition <b>2018</b> , 59, 2024-2031		29

84	NGF and iNOS Changes in Tears from Video Display Terminal Workers. <i>Current Eye Research</i> , <b>2018</b> , 43, 1119-1125	2.9	8
83	NGF/anti-VEGF combined exposure protects RCS retinal cells and photoreceptors that underwent a local worsening of inflammation. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2017</b> , 255, 567-574	3.8	9
82	Recombinant Human Nerve Growth Factor Treatment Promotes Photoreceptor Survival in the Retinas of Rats with Retinitis Pigmentosa. <i>Current Eye Research</i> , <b>2017</b> , 42, 1064-1068	2.9	16
81	Review: Environmental impact on ocular surface disorders: Possible epigenetic mechanism modulation and potential biomarkers. <i>Ocular Surface</i> , <b>2017</b> , 15, 680-687	6.5	8
80	Exploring Serum Levels of Brain Derived Neurotrophic Factor and Nerve Growth Factor Across Glaucoma Stages. <i>PLoS ONE</i> , <b>2017</b> , 12, e0168565	3.7	36
79	Differential Protein Expression Profiles in Glaucomatous Trabecular Meshwork: An Evaluation Study on a Small Primary Open Angle Glaucoma Population. <i>Advances in Therapy</i> , <b>2016</b> , 33, 252-67	4.1	30
78	Age and diabetes related changes of the retinal capillaries: An ultrastructural and immunohistochemical study. <i>International Journal of Immunopathology and Pharmacology</i> , <b>2016</b> , 29, 40-53	3	28
77	A Simple Spontaneous Vitreal Reflux Collecting Procedure During Intravitreal Injection: Set-Up and Validation Studies. <i>Current Eye Research</i> , <b>2016</b> , 41, 971-6	2.9	10
76	Quiescent and Active Tear Protein Profiles to Predict Vernal Keratoconjunctivitis Reactivation. <i>BioMed Research International</i> , <b>2016</b> , 2016, 9672082	3	10
75	Toll-Like Receptors and Tissue Remodeling: The Pro/Cons Recent Findings. <i>Journal of Cellular Physiology</i> , <b>2016</b> , 231, 531-44	7	19
74	Nerve growth factor: role in growth, differentiation and controlling cancer cell development. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2016</b> , 35, 116	12.8	43
73	Proteome analysis of retinal glia cells-related inflammatory cytokines in the aqueous humour of diabetic patients. <i>Acta Ophthalmologica</i> , <b>2016</b> , 94, 56-64	3.7	56
72	Low concentrations of the toxin ophiobolin A lead to an arrest of the cell cycle and alter the intracellular partitioning of glutathione between the nuclei and cytoplasm. <i>Journal of Experimental Botany</i> , <b>2015</b> , 66, 2991-3000	7	19
71	NGF Expression in Reelin-Deprived Retinal Cells: A Potential Neuroprotective Effect. <i>NeuroMolecular Medicine</i> , <b>2015</b> , 17, 314-25	4.6	6
70	High density of CD68+/CD163+ tumour-associated macrophages (M2-TAM) at diagnosis is significantly correlated to unfavorable prognostic factors and to poor clinical outcomes in patients with diffuse large B-cell lymphoma. <i>Hematological Oncology</i> , <b>2015</b> , 33, 110-2	1.3	61
69	Aqueous Humor Biomarkers of Müller Cell Activation in Diabetic Eyes <b>2015</b> , 56, 3913-8		53
68	Effect of purified murine NGF on isolated photoreceptors of a rodent developing retinitis pigmentosa. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124810	3.7	18
67	NGF Modulates trkANGFR/p75NTR in BMA-Expressing Conjunctival Fibroblasts from Human Ocular Cicatricial Pemphigoid (OCP). <i>PLoS ONE</i> , <b>2015</b> , 10, e0142737	3.7	13

66	Nerve Growth Factor: A Focus on Neuroscience and Therapy. <i>Current Neuropharmacology</i> , <b>2015</b> , 13, 294-303	3.6	91
65	Molecular and biochemical expression of TLRs in human amniotic membrane: a comparative study of fresh and cryopreserved specimens. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2014</b> , 252, 267-74	3.8	4
64	Characterization of NGF, trkA (NGFR) , and p75 (NTR) in Retina of Mice Lacking Reelin Glycoprotein. <i>International Journal of Cell Biology</i> , <b>2014</b> , 2014, 725928	2.6	8
63	Nerve growth factor: basic findings and clinical trials. <i>Biomedical Reviews</i> , <b>2014</b> , 10, 3	4	10
62	Chronic nerve growth factor exposure increases apoptosis in a model of in vitro induced conjunctival myofibroblasts. <i>PLoS ONE</i> , <b>2012</b> , 7, e47316	3.7	13
61	Epithelial-stromal interactions in human breast cancer: effects on adhesion, plasma membrane fluidity and migration speed and directness. <i>PLoS ONE</i> , <b>2012</b> , 7, e50804	3.7	70
60	Toll-like receptors in ocular surface diseases: overview and new findings. <i>Clinical Science</i> , <b>2011</b> , 120, 441-69	5.9	41
59	Alterations of tear neuromediators in dry eye disease. <i>JAMA Ophthalmology</i> , <b>2011</b> , 129, 981-6		100
58	Tear levels of neuropeptides increase after specific allergen challenge in allergic conjunctivitis. <i>Molecular Vision</i> , <b>2011</b> , 17, 47-52	2.3	31
57	Neurogenic inflammation of the ocular surface. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2010</b> , 10, 498-504	3.3	32
56	In vitro evidence of nerve growth factor effects on human conjunctival epithelial cell differentiation and mucin gene expression <b>2009</b> , 50, 4622-30		44
55	In vivo characterization of doxycycline effects on tear metalloproteinases in patients with chronic blepharitis. <i>European Journal of Ophthalmology</i> , <b>2009</b> , 19, 708-16	1.9	47
54	Multiple action agents and the eye: do they really stabilize mast cells?. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2009</b> , 9, 454-65	3.3	27
53	T-helper 17 lymphocytes in ocular cicatricial pemphigoid. <i>Molecular Vision</i> , <b>2009</b> , 15, 1449-55	2.3	19
52	Nerve growth factor modulates toll-like receptor (TLR) 4 and 9 expression in cultured primary VKC conjunctival epithelial cells. <i>Molecular Vision</i> , <b>2009</b> , 15, 2037-44	2.3	14
51	The role of neuromediators in ocular allergy. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2008</b> , 8, 466-71	3.3	25
50	Human idiopathic epiretinal membranes express NGF and NGF receptors. <i>Retina</i> , <b>2008</b> , 28, 628-37	3.6	31
49	Topical treatment with nerve growth factor in an animal model of herpetic keratitis. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2008</b> , 246, 121-7	3.8	13

48	Preliminary evidence of the efficacy of probiotic eye-drop treatment in patients with vernal keratoconjunctivitis. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2008</b> , 246, 435-41	3.8	46
47	Retinal p75 and bax overexpression is associated with retinal ganglion cells apoptosis in a rat model of glaucoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2008</b> , 246, 1743-9	3.8	46
46	NGF topical application in patients with corneal ulcer does not generate circulating NGF antibodies. <i>Pharmacological Research</i> , <b>2007</b> , 56, 65-9	10.2	25
45	Corneal ulcer as an atypical presentation of ocular cicatricial pemphigoid. <i>European Journal of Ophthalmology</i> , <b>2007</b> , 17, 121-3	1.9	3
44	Conjunctival mucin deficiency in complete androgen insensitivity syndrome (CAIS). <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2007</b> , 245, 899-902	3.8	28
43	MUC5AC overexpression in tear film of neonates. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2007</b> , 245, 1377-81	3.8	23
42	Itchy-dry eye associated with polycystic ovary syndrome. <i>American Journal of Ophthalmology</i> , <b>2007</b> , 143, 763-771	4.9	32
41	Nerve growth factor and tissue repair remodeling: trkA(NGFR) and p75(NTR), two receptors one fate. <i>Cytokine and Growth Factor Reviews</i> , <b>2007</b> , 18, 245-56	17.9	82
40	Nerve growth factor has a modulatory role on human primary fibroblast cultures derived from vernal keratoconjunctivitis-affected conjunctiva. <i>Molecular Vision</i> , <b>2007</b> , 13, 981-7	2.3	19
39	Natural killer cells in vernal keratoconjunctivitis. <i>Molecular Vision</i> , <b>2007</b> , 13, 1562-7	2.3	20
38	Allergic bronchial airway inflammation in nerve growth factor (NGF)-deprived rats: evidence suggesting a neuroimmunomodulatory role of NGF. <i>Experimental Lung Research</i> , <b>2006</b> , 32, 305-20	2.3	4
37	Nerve growth factor effect on human primary fibroblastic-keratocytes: possible mechanism during corneal healing. <i>Experimental Eye Research</i> , <b>2006</b> , 83, 747-57	3.7	58
36	Upregulation of ICAM-1 expression in the conjunctiva of patients with chronic graft-versus-host disease. <i>European Journal of Ophthalmology</i> , <b>2006</b> , 16, 17-23	1.9	32
35	Nerve growth factor modulates in vitro the expression and release of TGF-beta1 by amniotic membrane. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2006</b> , 244, 485-91	3.8	7
34	Conjunctival expression of thymosin-beta4 in vernal keratoconjunctivitis. <i>Molecular Vision</i> , <b>2006</b> , 12, 1594-600	4.6	3
33	The pro-fibrogenic effect of nerve growth factor on conjunctival fibroblasts is mediated by transforming growth factor-beta. <i>Clinical and Experimental Allergy</i> , <b>2005</b> , 35, 650-6	4.1	33
32	Expression of Toll-like receptors in healthy and allergic conjunctiva. <i>Ophthalmology</i> , <b>2005</b> , 112, 1528; discussion 1548-9	7.3	69
31	Toll-like receptors and the eye. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2005</b> , 5, 451-8	3.3	11

30 Targets in Ocular Allergy **2005**, 1-9

29	Pharmacokinetics of conjunctivally applied nerve growth factor in the retina and optic nerve of adult rats. <i>Investigative Ophthalmology and Visual Science</i> , <b>2005</b> , 46, 3800-6		68
28	Molecular basis for keratoconus: lack of TrkA expression and its transcriptional repression by Sp3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 16795-800	11.5	28
27	Nerve growth factor involvement in the visual system: implications in allergic and neurodegenerative diseases. <i>Cytokine and Growth Factor Reviews</i> , <b>2004</b> , 15, 411-7	17.9	50
26	Nerve growth factor and the immune system: old and new concepts in the cross-talk between immune and resident cells during pathophysiological conditions. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2004</b> , 4, 425-30	3.3	34
25	Nerve growth factor (NGF) and lenses: effects of NGF in an in vitro rat model of cataract. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2003</b> , 241, 845-51	3.8	8
24	New insights on the involvement of Nerve Growth Factor in allergic inflammation and fibrosis. <i>Cytokine and Growth Factor Reviews</i> , <b>2003</b> , 14, 369-74	17.9	53
23	Inflamed juvenile conjunctival naevus: clinicopathological characterisation. <i>British Journal of Ophthalmology</i> , <b>2002</b> , 86, 28-30	5.5	31
22	Nerve growth factor and eosinophils in inflamed juvenile conjunctival nevus. <i>Investigative Ophthalmology and Visual Science</i> , <b>2002</b> , 43, 1850-6		20
21	Nerve growth factor displays stimulatory effects on human skin and lung fibroblasts, demonstrating a direct role for this factor in tissue repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2001</b> , 98, 6162-7	11.5	207
20	Nerve Growth Factor Is Produced by Human Fibroblasts and Modulates Them: Role of Nerve Growth Factor in Tissue Repair. <i>International Archives of Allergy and Immunology</i> , <b>2001</b> , 124, 279-281	3.7	6
19	The upregulation of nerve growth factor receptors in reactive astrocytes of rat spinal cord during experimental autoimmune encephalomyelitis. <i>Neuroscience Letters</i> , <b>2001</b> , 308, 165-8	3.3	21
18	Nerve growth factor antibody exacerbates neuropathological signs of experimental allergic encephalomyelitis in adult lewis rats. <i>Journal of Neuroimmunology</i> , <b>2000</b> , 104, 116-23	3.5	35
17	Nerve Growth Factor, Mast Cells and Allergic Inflammation <b>2000</b> , 325-339		1
16	Altered nerve growth factor level in the optic nerve of patients affected by multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>1999</b> , 5, 389-94	5	20
15	Nerve growth factor is an autocrine factor essential for the survival of macrophages infected with HIV. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 14013-8	11.5	111
14	Learning abilities, NGF and BDNF brain levels in two lines of TNF-alpha transgenic mice, one characterized by neurological disorders, the other phenotypically normal. <i>Brain Research</i> , <b>1999</b> , 840, 125-37	3.7	89
13	Altered nerve growth factor level in the optic nerve of patients affected by multiple sclerosis. <i>Multiple Sclerosis Journal</i> , <b>1999</b> , 5, 389-394	5	2

12	Early maternal separation increases NGF expression in the developing rat hippocampus. <i>Pharmacology Biochemistry and Behavior</i> , <b>1998</b> , 59, 853-8	3.9	51
11	Neonatal handling in EAE-susceptible rats alters NGF levels and mast cell distribution in the brain. <i>International Journal of Developmental Neuroscience</i> , <b>1998</b> , 16, 1-8	2.7	24
10	Changes of NGF presence in nonneuronal cells in response to experimental allergic encephalomyelitis in Lewis rats. <i>Experimental Neurology</i> , <b>1998</b> , 154, 41-6	5.7	29
9	Proliferation and phenotype regulation in the subventricular zone during experimental allergic encephalomyelitis: in vivo evidence of a role for nerve growth factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1998</b> , 95, 3209-14	11.5	112
8	Time-course changes of nerve growth factor, corticotropin-releasing hormone, and nitric oxide synthase isoforms and their possible role in the development of inflammatory response in experimental allergic encephalomyelitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1997</b> , 94, 3368-73	11.5	71
7	Nerve growth factor (NGF) reduces and NGF antibody exacerbates retinal damage induced in rabbit by experimental ocular hypertension. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>1997</b> , 235, 780-5	3.8	48
6	. <i>Thymus</i> , <b>1997</b> , 24, 221-231		26
5	Centrally injected nerve growth factor modulates peripheral immune responses in the rat. <i>Neuroendocrinology</i> , <b>1996</b> , 64, 274-9	5.6	7
4	mRNA for NGF and p75 in the central nervous system of rats affected by experimental allergic encephalomyelitis. <i>Neuropathology and Applied Neurobiology</i> , <b>1996</b> , 22, 54-9	5.2	31
3	Changes in human plasma nerve growth factor level after chronic alcohol consumption and withdrawal. <i>Alcoholism: Clinical and Experimental Research</i> , <b>1996</b> , 20, 462-5	3.7	27
2	Effect of NGF antibodies on mast cell distribution, histamine and substance P levels in the knee joint of TNF-arthritic transgenic mice. <i>Rheumatology International</i> , <b>1995</b> , 14, 249-52	3.6	15
1	Emotional stress induced by parachute jumping enhances blood nerve growth factor levels and the distribution of nerve growth factor receptors in lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1994</b> , 91, 10440-4	11.5	213