

Margarita Calonge

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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.

135
papers

5,406
citations

41
h-index

69
g-index

138
ext. papers

6,150
ext. citations

4.1
avg, IF

5.42
L-index

#	Paper	IF	Citations
135	Referral patterns of uveitis in a tertiary eye care center. <i>JAMA Ophthalmology</i> , 1996 , 114, 593-9		338
134	Applications of nanoparticles in ophthalmology. <i>Progress in Retinal and Eye Research</i> , 2010 , 29, 596-609	20.5	257
133	Role of hyperosmolarity in the pathogenesis and management of dry eye disease: proceedings of the OCEAN group meeting. <i>Ocular Surface</i> , 2013 , 11, 246-58	6.5	224
132	Chitosan nanoparticles as a potential drug delivery system for the ocular surface: toxicity, uptake mechanism and in vivo tolerance. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 1416-25		215
131	Ocular drug delivery by liposome-chitosan nanoparticle complexes (LCS-NP). <i>Biomaterials</i> , 2007 , 28, 1553-64	13.54	214
130	Tear cytokine and chemokine analysis and clinical correlations in evaporative-type dry eye disease. <i>Molecular Vision</i> , 2010 , 16, 862-73	2.3	205
129	Ocular surface alteration after long-term treatment with an antiglaucomatous drug. <i>Ophthalmology</i> , 1992 , 99, 1082-8	7.3	182
128	Atopic keratoconjunctivitis. <i>Ophthalmology</i> , 1990 , 97, 992-1000	7.3	172
127	Impression cytology of the ocular surface: a review. <i>Experimental Eye Research</i> , 2004 , 78, 457-72	3.7	137
126	The treatment of dry eye. <i>Survey of Ophthalmology</i> , 2001 , 45 Suppl 2, S227-39	6.1	135
125	Characterization of a spontaneously immortalized cell line (IOBA-NHC) from normal human conjunctiva. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 4263-74		120
124	Autoimmunity at the ocular surface: pathogenesis and regulation. <i>Mucosal Immunology</i> , 2010 , 3, 425-42	9.2	84
123	Dry eye exacerbation in patients exposed to desiccating stress under controlled environmental conditions. <i>American Journal of Ophthalmology</i> , 2014 , 157, 788-798.e2	4.9	82
122	Polyester nanocapsules as new topical ocular delivery systems for cyclosporin A. <i>Pharmaceutical Research</i> , 1996 , 13, 311-5	4.5	79
121	Dry eye disease as an inflammatory disorder. <i>Ocular Immunology and Inflammation</i> , 2010 , 18, 244-53	2.8	77
120	Cytokine and chemokine levels in tears from healthy subjects. <i>Acta Ophthalmologica</i> , 2010 , 88, e250-8	3.7	74
119	Epidermal growth factor and corneal wound healing. A multicenter study. <i>Cornea</i> , 1992 , 11, 311-4	3.1	73

118	Pars planitis: epidemiology, treatment, and association with multiple sclerosis. <i>Ocular Immunology and Inflammation</i> , 2001 , 9, 93-102	2.8	72
117	Influence of a controlled environment simulating an in-flight airplane cabin on dry eye disease 2013 , 54, 2093-9		67
116	Isolation and partial characterization of nigrin b, a non-toxic novel type 2 ribosome-inactivating protein from the bark of <i>Sambucus nigra</i> L. <i>Plant Molecular Biology</i> , 1993 , 22, 1181-6	4.6	66
115	Ocular mucin gene expression levels as biomarkers for the diagnosis of dry eye syndrome 2011 , 52, 8363-9		65
114	Cytokine responses by conjunctival epithelial cells: an in vitro model of ocular inflammation. <i>Cytokine</i> , 2008 , 44, 160-7	4	60
113	Role of corneal nerves in ocular surface homeostasis and disease. <i>Acta Ophthalmologica</i> , 2019 , 97, 137-145	4.5	60
112	Exposure to a controlled adverse environment impairs the ocular surface of subjects with minimally symptomatic dry eye. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4026-32		59
111	Biomarkers in Ocular Chronic Graft Versus Host Disease: Tear Cytokine- and Chemokine-Based Predictive Model 2016 , 57, 746-58		58
110	Therapeutic Effect of Human Adipose Tissue-Derived Mesenchymal Stem Cells in Experimental Corneal Failure Due to Limbal Stem Cell Niche Damage. <i>Stem Cells</i> , 2017 , 35, 2160-2174	5.8	57
109	Downregulation of endotoxin-induced uveitis by intravitreal injection of poly(lactic-glycolic acid) (PLGA) microspheres loaded with dexamethasone. <i>Experimental Eye Research</i> , 2009 , 89, 238-45	3.7	57
108	Intracellular trafficking of hyaluronic acid-chitosan oligomer-based nanoparticles in cultured human ocular surface cells. <i>Molecular Vision</i> , 2011 , 17, 279-90	2.3	55
107	In vitro simulation of corneal epithelium microenvironment induces a corneal epithelial-like cell phenotype from human adipose tissue mesenchymal stem cells. <i>Current Eye Research</i> , 2013 , 38, 933-44	2.9	54
106	Genetically engineered elastin-like polymer as a substratum to culture cells from the ocular surface. <i>Current Eye Research</i> , 2009 , 34, 48-56	2.9	53
105	Autoantibodies contribute to the immunopathogenesis of experimental dry eye disease 2012 , 53, 2062-75		52
104	Topical Fluorometholone Protects the Ocular Surface of Dry Eye Patients from Desiccating Stress: A Randomized Controlled Clinical Trial. <i>Ophthalmology</i> , 2016 , 123, 141-53	7.3	50
103	Altered expression of neurotransmitter receptors and neuromediators in vernal keratoconjunctivitis. <i>JAMA Ophthalmology</i> , 2006 , 124, 462-8		50
102	Correlations among symptoms, signs, and clinical tests in evaporative-type dry eye disease caused by Meibomian gland dysfunction (MGD). <i>Current Eye Research</i> , 2012 , 37, 855-63	2.9	49
101	In vitro expanded CD4+CD25+Foxp3+ regulatory T cells maintain a normal phenotype and suppress immune-mediated ocular surface inflammation 2008 , 49, 5434-40		48

100	Clinical and Molecular Inflammatory Response in Sjögren Syndrome-Associated Dry Eye Patients Under Desiccating Stress. <i>American Journal of Ophthalmology</i> , 2016 , 161, 133-41.e1-2	4.9	47
99	Mitochondrial permeability transition pore in inflammatory apoptosis of human conjunctival epithelial cells and T cells: effect of cyclosporin A 2013 , 54, 4717-33		46
98	Ocular tolerance to a topical formulation of hyaluronic acid and chitosan-based nanoparticles. <i>Cornea</i> , 2010 , 29, 550-8	3.1	46
97	A proof-of-concept clinical trial using mesenchymal stem cells for the treatment of corneal epithelial stem cell deficiency. <i>Translational Research</i> , 2019 , 206, 18-40	11	46
96	Fuchs heterochromic iridocyclitis: a review of 26 cases. <i>Ocular Immunology and Inflammation</i> , 2001 , 9, 169-75	2.8	44
95	Intra- and inter-day variation of cytokines and chemokines in tears of healthy subjects. <i>Experimental Eye Research</i> , 2014 , 120, 43-9	3.7	43
94	Stem Cell Therapy for Corneal Epithelium Regeneration following Good Manufacturing and Clinical Procedures. <i>BioMed Research International</i> , 2015 , 2015, 408495	3	41
93	Severity, therapeutic, and activity tear biomarkers in dry eye disease: An analysis from a phase III clinical trial. <i>Ocular Surface</i> , 2018 , 16, 368-376	6.5	41
92	Pathways of corneal and ocular surface inflammation: a perspective from the cullen symposium. <i>Ocular Surface</i> , 2005 , 3, S131-8	6.5	37
91	Expression of muscarinic and adrenergic receptors in normal human conjunctival epithelium. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 504-13		37
90	Classification of ocular atopic/allergic disorders and conditions: an unsolved problem. <i>Acta Ophthalmologica</i> , 1999 , 77, 10-3		36
89	Chitosan-gelatin biopolymers as carrier substrata for limbal epithelial stem cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2013 , 24, 2819-29	4.5	34
88	Gene Expression-Based Predictive Models of Graft Versus Host Disease-Associated Dry Eye 2015 , 56, 4570-81		34
87	Molecular and cellular biomarkers in dry eye disease and ocular allergy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2012 , 12, 523-33	3.3	33
86	Cytokine and chemokine tear levels in patients with uveitis. <i>Acta Ophthalmologica</i> , 2017 , 95, e405-e414	3.7	31
85	Intraocular inflammation as the main manifestation of Rickettsia conorii infection. <i>Clinical Ophthalmology</i> , 2011 , 5, 1401-7	2.5	30
84	Differential cell proliferation, apoptosis, and immune response in healthy and evaporative-type dry eye conjunctival epithelia 2011 , 52, 4819-28		30
83	Immunoregulation on the ocular surface: 2nd Cullen Symposium. <i>Ocular Surface</i> , 2009 , 7, 67-77	6.5	30

82	Experimental model of allergic conjunctivitis to ragweed in guinea pig. <i>Current Eye Research</i> , 1995 , 14, 487-94	2.9	30
81	Surgical outcomes of uveitic glaucoma. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2011 , 1, 43-53	2.3	29
80	Levels of mucin gene expression in normal human conjunctival epithelium in vivo. <i>Current Eye Research</i> , 2003 , 27, 323-8	2.9	29
79	Characterization by Belmonte's gas esthesiometer of mechanical, chemical, and thermal corneal sensitivity thresholds in a normal population 2012 , 53, 3154-60		27
78	A comparison of stem cell-related gene expression in the progenitor-rich limbal epithelium and the differentiating central corneal epithelium. <i>Molecular Vision</i> , 2011 , 17, 2102-17	2.3	26
77	Cat-scratch disease (ocular bartonellosis) presenting as bilateral recurrent iridocyclitis. <i>Clinical Infectious Diseases</i> , 2005 , 40, e43-5	11.6	24
76	Effect of TGF- β on ocular surface epithelial cells. <i>Experimental Eye Research</i> , 2013 , 107, 88-100	3.7	23
75	Conjunctival mucin mRNA expression in contact lens wear. <i>Optometry and Vision Science</i> , 2009 , 86, 1051-8	1	23
74	Efficacy of topical cyclosporine-loaded nanocapsules on keratoplasty rejection in the rat. <i>Current Eye Research</i> , 1998 , 17, 39-46	2.9	23
73	Clinical grading of atopic keratoconjunctivitis. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2007 , 7, 442-5	3.3	23
72	Evaluation of ocular surface inflammation in the presence of dry eye and allergic conjunctival disease. <i>Ocular Surface</i> , 2005 , 3, S161-4	6.5	23
71	A nanomedicine to treat ocular surface inflammation: performance on an experimental dry eye murine model. <i>Gene Therapy</i> , 2013 , 20, 467-77	4	22
70	Quercetin and Resveratrol Decrease the Inflammatory and Oxidative Responses in Human Ocular Surface Epithelial Cells 2015 , 56, 2709-19		22
69	Characterization of epithelial primary cultures from human conjunctiva. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 1997 , 235, 268-76	3.8	22
68	Efficacy of nedocromil sodium and cromolyn sodium in an experimental model of ocular allergy. <i>Annals of Allergy, Asthma and Immunology</i> , 1996 , 77, 124-30	3.2	22
67	Carbomer- versus cellulose-based artificial-tear formulations: morphologic and toxicologic effects on a corneal cell line. <i>Cornea</i> , 1998 , 17, 433-40	3.1	22
66	Influence of Climate on Clinical Diagnostic Dry Eye Tests: Pilot Study. <i>Optometry and Vision Science</i> , 2015 , 92, e284-9	2.1	21
65	Macular edema as the only ocular finding of tuberculosis. <i>American Journal of Ophthalmology</i> , 2004 , 138, 1048-9	4.9	21

64	Corneal Sensitivity and Inflammatory Biomarkers in Contact Lens Discomfort. <i>Optometry and Vision Science</i> , 2016 , 93, 892-900	2.1	21
63	Nonspecific provocation of target organs in allergic diseases: EAACI-GA(2)LEN consensus report. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2007 , 62, 683-94	9.3	20
62	Analysis of human ocular mucus: effects of neuraminidase and chitinase enzymes. <i>Cornea</i> , 1998 , 17, 200-7	3.1	20
61	Comparison of functional limbal epithelial stem cell isolation methods. <i>Experimental Eye Research</i> , 2016 , 146, 83-94	3.7	19
60	Influence of environmental factors in the in vitro dehydration of hydrogel and silicone hydrogel contact lenses. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014 , 102, 764-71	3.5	19
59	Activation of MAPK signaling pathway and NF-kappaB activation in pterygium and ipsilateral pterygium-free conjunctival specimens 2011 , 52, 5842-52		19
58	Cytokines and chemokines in immune-based ocular surface inflammation. <i>Expert Review of Clinical Immunology</i> , 2008 , 4, 457-67	5.1	19
57	Ocular response to environmental variations in contact lens wearers. <i>Ophthalmic and Physiological Optics</i> , 2017 , 37, 60-70	4.1	18
56	Topical Quercetin and Resveratrol Protect the Ocular Surface in Experimental Dry Eye Disease. <i>Ocular Immunology and Inflammation</i> , 2019 , 27, 1023-1032	2.8	18
55	Effects of the External Environment on Dry Eye Disease. <i>International Ophthalmology Clinics</i> , 2017 , 57, 23-40	1.7	17
54	Effect of Environmental Conditions on the Concentration of Tear Inflammatory Mediators During Contact Lens Wear. <i>Cornea</i> , 2016 , 35, 1192-8	3.1	16
53	Consecutive expansion of limbal epithelial stem cells from a single limbal biopsy. <i>Current Eye Research</i> , 2013 , 38, 537-49	2.9	15
52	Human epithelium from conjunctival impression cytology expresses MUC7 mucin gene. <i>Cornea</i> , 2003 , 22, 665-71	3.1	15
51	Basal values, intra-day and inter-day variations in tear film osmolarity and tear fluorescein clearance. <i>Current Eye Research</i> , 2014 , 39, 673-9	2.9	14
50	Topographical distribution and characterization of epithelial cells and intraepithelial lymphocytes in the human ocular mucosa. <i>Mucosal Immunology</i> , 2012 , 5, 455-67	9.2	14
49	Topical fluorometholone treatment and desiccating stress change inflammatory protein expression in tears. <i>Ocular Surface</i> , 2018 , 16, 84-92	6.5	13
48	Dry eye disease in chronic graft-versus-host disease: results from a Spanish retrospective cohort study. <i>Transplantation Proceedings</i> , 2011 , 43, 1934-8	1.1	12
47	Comparison of gene expression profiles of conjunctival cell lines with primary cultured conjunctival epithelial cells and human conjunctival tissue. <i>Gene Expression</i> , 2009 , 14, 265-78	3.4	12

46	Subretinal fibrosis and uveitis syndrome associated with ulcerative colitis. <i>International Journal of Colorectal Disease</i> , 2007 , 22, 333-4	3	12
45	Efficacy and safety of microspheres of cyclosporin A, a new systemic formulation, to prevent corneal graft rejection in rats. <i>Current Eye Research</i> , 2002 , 24, 39-45	2.9	11
44	Expression of ICAM-1 and HLA-DR by human conjunctival epithelial cultured cells and modulation by nedocromil sodium. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 1998 , 14, 517-31	2.6	11
43	Characterization and short-term culture of cells recovered from human conjunctival epithelium by minimally invasive means. <i>Molecular Vision</i> , 2009 , 15, 2185-95	2.3	11
42	Human conjunctival epithelium in culture: a tool to assay new therapeutic strategies for dry eye. <i>Advances in Experimental Medicine and Biology</i> , 2002 , 506, 307-11	3.6	11
41	Controlled Adverse Environment Chambers in Dry Eye Research. <i>Current Eye Research</i> , 2018 , 43, 445-450.	2.9	10
40	Are Contact Lens Discomfort or Soft Contact Lens Material Properties Associated with Alterations in the Corneal Sub-Basal Nerve Plexus?. <i>Current Eye Research</i> , 2018 , 43, 487-492	2.9	10
39	Ocular allergies: association with immune dermatitis. <i>Acta Ophthalmologica</i> , 2000 , 78, 69-75		10
38	Ultrastructural evidence of mucus in human conjunctival epithelial cultures. <i>Current Eye Research</i> , 1999 , 19, 95-105	2.9	10
37	Response profiles to a controlled adverse desiccating environment based on clinical and tear molecule changes. <i>Ocular Surface</i> , 2019 , 17, 502-515	6.5	9
36	Early and late phases of ocular anaphylaxis in actively immunized guinea pigs. <i>Acta Ophthalmologica</i> , 1990 , 68, 470-6	3.7	9
35	Influence of topical anesthesia on tests diagnostic of blepharitis-associated dry eye syndrome. <i>Ocular Immunology and Inflammation</i> , 1997 , 5, 33-41	2.8	9
34	The role of the conjunctival epithelium in ocular allergy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2005 , 5, 441-5	3.3	9
33	Subconjunctival injection of mesenchymal stem cells for corneal failure due to limbal stem cell deficiency: state of the art. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 60	8.3	9
32	Successful Consecutive Expansion of Limbal Explants Using a Biosafe Culture Medium under Feeder Layer-Free Conditions. <i>Current Eye Research</i> , 2017 , 42, 685-695	2.9	8
31	Prehematopoietic Stem Cell Transplantation Tear Cytokines as Potential Susceptibility Biomarkers for Ocular Chronic Graft-Versus-Host Disease 2017 , 58, 4836-4846		8
30	Antioxidant enzyme mRNA expression in conjunctival epithelium of healthy human subjects. <i>Canadian Journal of Ophthalmology</i> , 2011 , 46, 35-9	1.4	8
29	Animal models of ocular allergy and their clinical correlations. <i>Current Allergy and Asthma Reports</i> , 2003 , 3, 345-51	5.6	8

28	Management of corneal complications in xeroderma pigmentosum. <i>Cornea</i> , 1992 , 11, 173-82	3.1	8
27	In vivo confocal microscopy assessment of the corneoscleral limbal stem cell niche before and after biopsy for cultivated limbal epithelial transplantation to restore corneal epithelium. <i>Histology and Histopathology</i> , 2015 , 30, 183-92	1.4	8
26	Clinical and tear cytokine profiles after advanced surface ablation refractive surgery: A six-month follow-up. <i>Experimental Eye Research</i> , 2020 , 193, 107976	3.7	6
25	CD44 and RHAMM hyaluronan receptors in human ocular surface inflammation. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2014 , 252, 1289-95	3.8	6
24	Oculopalpebral borreliosis as an unusual manifestation of Lyme disease. <i>Cornea</i> , 2013 , 32, 87-90	3.1	6
23	Contact lens case cleaning procedures affect storage solution pH and osmolality. <i>Optometry and Vision Science</i> , 2011 , 88, 1414-21	2.1	6
22	Alpha2-adrenergic receptors are present in normal human conjunctiva. <i>Current Eye Research</i> , 2005 , 30, 1121-9	2.9	6
21	Poly-l/dl-lactic acid films functionalized with collagen IV as carrier substrata for corneal epithelial stem cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 177, 121-129	6	6
20	Fatal disseminated <i>Scedosporium prolificans</i> infection initiated by ophthalmic involvement in a patient with acute myeloblastic leukemia. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013 , 76, 375-8 ^{2.9}	2.9	5
19	Severe keratopathy in paediatric Cogan's syndrome. <i>Rheumatology</i> , 2006 , 45, 1576-7	3.9	5
18	Variation in the expression of inflammatory markers and neuroreceptors in human conjunctival epithelial cells. <i>Ocular Surface</i> , 2005 , 3, S145-8	6.5	5
17	Tear Inflammatory Molecules in Contact Lens Wearers: A Literature Review. <i>Current Medicinal Chemistry</i> , 2020 , 27, 523-548	4.3	5
16	Muscarinic receptors in the ocular surface. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2006 , 6, 379-82	3.3	4
15	Advanced Therapy Medicinal Products for the Eye: Definitions and Regulatory Framework. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4
14	Cell Therapy Using Extraocular Mesenchymal Stem Cells. <i>Essentials in Ophthalmology</i> , 2019 , 231-262	0.2	2
13	Distinctive clinical features of idiopathic versus infectious serpiginous choroidopathy. <i>Ocular Immunology and Inflammation</i> , 2012 , 20, 448-52	2.8	2
12	Conjunctival pigmentation in Stevens-Johnson syndrome. <i>Annals of Ophthalmology</i> , 2007 , 39, 152-7		2
11	Effect of topical dexamethasone on the ocular allergic reaction in passively sensitized guinea pigs. <i>Ophthalmic Research</i> , 1990 , 22, 351-8	2.9	1

10	Development of a Questionnaire for Detecting Changes in Dry Eye Disease-Related Symptoms. <i>Eye and Contact Lens</i> , 2021 , 47, 8-14	3.2	1
9	Goals and Challenges of Stem Cell-Based Therapy for Corneal Blindness Due to Limbal Deficiency. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
8	Conjunctival pigmentation in Stevens-Johnson syndrome. <i>Comprehensive Therapy</i> , 2007 , 33, 99-103		0
7	Phlyctenular keratoconjunctivitis a potentially blinding disorder. <i>Ocular Immunology and Inflammation</i> , 1996 , 4, 119-23	2.8	0
6	Inflammatory status predicts contact lens discomfort under adverse environmental conditions. <i>Ocular Surface</i> , 2020 , 18, 829-840	6.5	0
5	Age- and Sex-Adjusted Reference Intervals in Tear Cytokine Levels in Healthy Subjects. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8958	2.6	0
4	Inflammation-related molecules in tears of patients with chronic ocular pain and dry eye disease.. <i>Experimental Eye Research</i> , 2022 , 109057	3.7	0
3	Reply. <i>Ophthalmology</i> , 2017 , 124, e14-e15	7.3	
2	Optimization of Human Limbal Stem Cell Culture by Replating a Single Limbal Explant. <i>Methods in Molecular Biology</i> , 2020 , 2145, 39-49	1.4	
1	Epithelial component and intraepithelial lymphocytes of conjunctiva-associated lymphoid tissue in healthy children. <i>Histology and Histopathology</i> , 2021 , 18385	1.4	