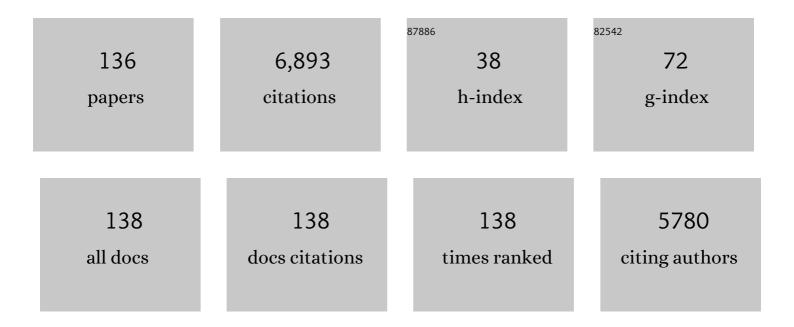
Margarita Calonge

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Referral Patterns of Uveitis in a Tertiary Eye Care Center. JAMA Ophthalmology, 1996, 114, 593.	2.4	390
2	Role of Hyperosmolarity in the Pathogenesis and Management of Dry Eye Disease: Proceedings of the OCEAN Group Meeting. Ocular Surface, 2013, 11, 246-258.	4.4	359
3	Applications of nanoparticles in ophthalmology. Progress in Retinal and Eye Research, 2010, 29, 596-609.	15.5	312
4	Chitosan Nanoparticles as a Potential Drug Delivery System for the Ocular Surface: Toxicity, Uptake Mechanism and In Vivo Tolerance. , 2006, 47, 1416.		255
5	Ocular drug delivery by liposome–chitosan nanoparticle complexes (LCS-NP). Biomaterials, 2007, 28, 1553-1564.	11.4	245
6	Tear cytokine and chemokine analysis and clinical correlations in evaporative-type dry eye disease. Molecular Vision, 2010, 16, 862-73.	1.1	229
7	Ocular Surface Alteration after Long-term Treatment with an Antiglaucomatous Drug. Ophthalmology, 1992, 99, 1082-1088.	5.2	213
8	Atopic Keratoconjunctivitis. Ophthalmology, 1990, 97, 992-1000.	5.2	206
9	The Treatment of Dry Eye. Survey of Ophthalmology, 2001, 45, S227-S239.	4.0	160
10	Impression cytology of the ocular surface: a review. Experimental Eye Research, 2004, 78, 457-472.	2.6	159
11	Characterization of a Spontaneously Immortalized Cell Line (IOBA-NHC) from Normal Human Conjunctiva. , 2003, 44, 4263.		137
12	Role of corneal nerves in ocular surface homeostasis and disease. Acta Ophthalmologica, 2019, 97, 137-145.	1.1	125
13	Autoimmunity at the ocular surface: pathogenesis and regulation. Mucosal Immunology, 2010, 3, 425-442.	6.0	110
14	Dry Eye Disease as an Inflammatory Disorder. Ocular Immunology and Inflammation, 2010, 18, 244-253.	1.8	107
15	Polyester nanocapsules as new topical ocular delivery systems for cyclosporin A. Pharmaceutical Research, 1996, 13, 311-315.	3.5	102
16	Dry Eye Exacerbation in Patients Exposed to Desiccating Stress under Controlled Environmental Conditions. American Journal of Ophthalmology, 2014, 157, 788-798.e2.	3.3	96
17	Pars planitis: epidemiology, treatment, and association with multiple sclerosis. Ocular Immunology and Inflammation, 2001, 9, 93-102.	1.8	91
18	Epidermal Growth Factor and Corneal Wound Healing. Cornea, 1992, 11, 311-314.	1.7	87

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19	Cytokine and chemokine levels in tears from healthy subjects. Acta Ophthalmologica, 2010, 88, e250-8.	1.1	86
20	Ocular Mucin Gene Expression Levels as Biomarkers for the Diagnosis of Dry Eye Syndrome. , 2011, 52, 8363.		85
21	Influence of a Controlled Environment Simulating an In-Flight Airplane Cabin on Dry Eye Disease. , 2013, 54, 2093.		81
22	Biomarkers in Ocular Chronic Graft Versus Host Disease: Tear Cytokine- and Chemokine-Based Predictive Model. , 2016, 57, 746.		81
23	A proof-of-concept clinical trial using mesenchymal stem cells for the treatment of corneal epithelial stem cell deficiency. Translational Research, 2019, 206, 18-40.	5.0	81
24	Isolation and partial characterization of nigrin b, a non-toxic novel type 2 ribosome-inactivating protein from the bark ofSambucus nigra L Plant Molecular Biology, 1993, 22, 1181-1186.	3.9	78
25	Cytokine responses by conjunctival epithelial cells: An in vitro model of ocular inflammation. Cytokine, 2008, 44, 160-167.	3.2	77
26	Exposure to a Controlled Adverse Environment Impairs the Ocular Surface of Subjects with Minimally Symptomatic Dry Eye. , 2007, 48, 4026.		71
27	Therapeutic Effect of Human Adipose Tissue-Derived Mesenchymal Stem Cells in Experimental Corneal Failure Due to Limbal Stem Cell Niche Damage. Stem Cells, 2017, 35, 2160-2174.	3.2	71
28	Autoantibodies Contribute to the Immunopathogenesis of Experimental Dry Eye Disease. , 2012, 53, 2062.		70
29	<i>In Vitro</i> Simulation of Corneal Epithelium Microenvironment Induces a Corneal Epithelial-like Cell Phenotype from Human Adipose Tissue Mesenchymal Stem Cells. Current Eye Research, 2013, 38, 933-944.	1.5	70
30	Downregulation of endotoxin-induced uveitis by intravitreal injection of polylactic-glycolic acid (PLGA) microspheres loaded with dexamethasone. Experimental Eye Research, 2009, 89, 238-245.	2.6	65
31	Topical Fluorometholone Protects the Ocular Surface of Dry Eye Patients from Desiccating Stress. Ophthalmology, 2016, 123, 141-153.	5.2	65
32	Altered Expression of Neurotransmitter Receptors and Neuromediators in Vernal Keratoconjunctivitis. JAMA Ophthalmology, 2006, 124, 462.	2.4	62
33	Mitochondrial Permeability Transition Pore in Inflammatory Apoptosis of Human Conjunctival Epithelial Cells and T Cells: Effect of Cyclosporin A. , 2013, 54, 4717.		61
34	Correlations Among Symptoms, Signs, and Clinical Tests in Evaporative-Type Dry Eye Disease Caused by Meibomian Gland Dysfunction (MGD). Current Eye Research, 2012, 37, 855-863.	1.5	60
35	Intra- and inter-day variation of cytokines and chemokines in tears of healthy subjects. Experimental Eye Research, 2014, 120, 43-49.	2.6	59
36	Clinical and Molecular Inflammatory Response in Sjögren Syndrome–Associated Dry Eye Patients Under Desiccating Stress. American Journal of Ophthalmology, 2016, 161, 133-141.e2.	3.3	59

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37	Intracellular trafficking of hyaluronic acid-chitosan oligomer-based nanoparticles in cultured human ocular surface cells. Molecular Vision, 2011, 17, 279-90.	1.1	59
38	Ocular Tolerance to a Topical Formulation of Hyaluronic Acid and Chitosan-Based Nanoparticles. Cornea, 2010, 29, 550-558.	1.7	56
39	Fuchs' heterochromic iridocyclitis: A review of 26 cases. Ocular Immunology and Inflammation, 2001, 9, 169-175.	1.8	55
40	Severity, therapeutic, and activity tear biomarkers in dry eye disease: An analysis from a phase III clinical trial. Ocular Surface, 2018, 16, 368-376.	4.4	55
41	Pathways of Corneal and Ocular Surface Inflammation: A Perspective from the Cullen Symposium. Ocular Surface, 2005, 3, S-131-S-138.	4.4	54
42	Genetically Engineered Elastin-Like Polymer as a Substratum to Culture Cells from the Ocular Surface. Current Eye Research, 2009, 34, 48-56.	1.5	54
43	Stem Cell Therapy for Corneal Epithelium Regeneration following Good Manufacturing and Clinical Procedures. BioMed Research International, 2015, 2015, 1-19.	1.9	54
44	In Vitro Expanded CD4 ⁺ CD25 ⁺ Foxp3 ⁺ Regulatory T Cells Maintain a Normal Phenotype and Suppress Immune-Mediated Ocular Surface Inflammation. , 2008, 49, 5434.		53
45	Expression of Muscarinic and Adrenergic Receptors in Normal Human Conjunctival Epithelium. , 2005, 46, 504.		45
46	Classification of Ocular Atopic/Allergic Disorders and Conditions: an Unsolved Problem. Acta Ophthalmologica, 1999, 77, 10-13.	0.3	44
47	Cytokine and chemokine tear levels in patients with uveitis. Acta Ophthalmologica, 2017, 95, e405-e414.	1.1	43
48	Gene Expression–Based Predictive Models of Graft Versus Host Disease–Associated Dry Eye. , 2015, 56, 4570.		42
49	Differential Cell Proliferation, Apoptosis, and Immune Response in Healthy and Evaporative-Type Dry Eye Conjunctival Epithelia. , 2011, 52, 4819.		41
50	Chitosan–gelatin biopolymers as carrier substrata for limbal epithelial stem cells. Journal of Materials Science: Materials in Medicine, 2013, 24, 2819-2829.	3.6	40
51	Clinical grading of atopic keratoconjunctivitis. Current Opinion in Allergy and Clinical Immunology, 2007, 7, 442-445.	2.3	37
52	Quercetin and Resveratrol Decrease the Inflammatory and Oxidative Responses in Human Ocular Surface Epithelial Cells. , 2015, 56, 2709.		37
53	Topical Quercetin and Resveratrol Protect the Ocular Surface in Experimental Dry Eye Disease. Ocular Immunology and Inflammation, 2019, 27, 1023-1032.	1.8	37
54	Surgical outcomes of uveitic glaucoma. Journal of Ophthalmic Inflammation and Infection, 2011, 1, 43-53.	2.2	36

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55	Molecular and cellular biomarkers in dry eye disease and ocular allergy. Current Opinion in Allergy and Clinical Immunology, 2012, 12, 523-533.	2.3	36
56	Characterization of epithelial primary cultures from human conjunctiva. Graefe's Archive for Clinical and Experimental Ophthalmology, 1997, 235, 268-276.	1.9	35
57	Subconjunctival injection of mesenchymal stem cells for corneal failure due to limbal stem cell deficiency: state of the art. Stem Cell Research and Therapy, 2021, 12, 60.	5.5	35
58	Evaluation of Ocular Surface Inflammation in the Presence of Dry Eye and Allergic Conjunctival Disease. Ocular Surface, 2005, 3, S-161-S-164.	4.4	34
59	Immunoregulation on the Ocular Surface: 2nd Cullen Symposium. Ocular Surface, 2009, 7, 67-77.	4.4	34
60	Characterization by Belmonte's Gas Esthesiometer of Mechanical, Chemical, and Thermal Corneal Sensitivity Thresholds in a Normal Population. , 2012, 53, 3154.		34
61	Experimental model of allergic conjunctivitis to ragweed in guinea pig. Current Eye Research, 1995, 14, 487-494.	1.5	33
62	Intraocular inflammation as the main manifestation of Rickettsia conorii infection. Clinical Ophthalmology, 2011, 5, 1401.	1.8	33
63	A nanomedicine to treat ocular surface inflammation: performance on an experimental dry eye murine model. Gene Therapy, 2013, 20, 467-477.	4.5	33
64	Activation of MAPK Signaling Pathway and NF-κB Activation in Pterygium and Ipsilateral Pterygium-Free Conjunctival Specimens. , 2011, 52, 5842.		31
65	Influence of Climate on Clinical Diagnostic Dry Eye Tests. Optometry and Vision Science, 2015, 92, e284-e289.	1.2	31
66	Levels of mucin gene expression in normal human conjunctival epithelium in vivo. Current Eye Research, 2003, 27, 323-328.	1.5	30
67	Corneal Sensitivity and Inflammatory Biomarkers in Contact Lens Discomfort. Optometry and Vision Science, 2016, 93, 892-900.	1.2	30
68	Cat-Scratch Disease (Ocular Bartonellosis) Presenting as Bilateral Recurrent Iridocyclitis. Clinical Infectious Diseases, 2005, 40, e43-e45.	5.8	29
69	Effect of TGF-β on ocular surface epithelial cells. Experimental Eye Research, 2013, 107, 88-100.	2.6	29
70	Effects of the External Environment on Dry Eye Disease. International Ophthalmology Clinics, 2017, 57, 23-40.	0.7	28
71	A comparison of stem cell-related gene expression in the progenitor-rich limbal epithelium and the differentiating central corneal epithelium. Molecular Vision, 2011, 17, 2102-17.	1.1	28
72	Nonspecific provocation of target organs in allergic diseases: EAACI-GA2LEN consensus report. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 683-694.	5.7	27

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73	Carbomer- Versus Cellulose-Based Artificial-Tear Formulations. Cornea, 1998, 17, 433.	1.7	27
74	Efficacy of topical cyclosporine-loaded nanocapsules on keratoplasty rejection in the rat. Current Eye Research, 1998, 17, 39-46.	1.5	26
75	Conjunctival Mucin mRNA Expression in Contact Lens Wear. Optometry and Vision Science, 2009, 86, 1051-1058.	1.2	26
76	Cytokines and chemokines in immune-based ocular surface inflammation. Expert Review of Clinical Immunology, 2008, 4, 457-467.	3.0	25
77	Efficacy of Nedocromil Sodium and Cromolyn in an Experimental Model of Ocular Allergy. Annals of Allergy, Asthma and Immunology, 1996, 77, 124-130.	1.0	24
78	Macular edema as the only ocular finding of tuberculosis. American Journal of Ophthalmology, 2004, 138, 1048-1049.	3.3	23
79	Comparison of functional limbal epithelial stem cell isolation methods. Experimental Eye Research, 2016, 146, 83-94.	2.6	23
80	Analysis of Human Ocular Mucus. Cornea, 1998, 17, 200-207.	1.7	22
81	Effect of Environmental Conditions on the Concentration of Tear Inflammatory Mediators During Contact Lens Wear. Cornea, 2016, 35, 1192-1198.	1.7	21
82	Ocular response to environmental variations in contact lens wearers. Ophthalmic and Physiological Optics, 2017, 37, 60-70.	2.0	21
83	Topographical distribution and characterization of epithelial cells and intraepithelial lymphocytes in the human ocular mucosa. Mucosal Immunology, 2012, 5, 455-467.	6.0	20
84	Influence of environmental factors in the <i>in vitro</i> dehydration of hydrogel and silicone hydrogel contact lenses. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 764-771.	3.4	20
85	Controlled Adverse Environment Chambers in Dry Eye Research. Current Eye Research, 2018, 43, 445-450.	1.5	20
86	Comparison of Gene Expression Profiles of Conjunctival Cell Lines With Primary Cultured Conjunctival Epithelial Cells and Human Conjunctival Tissue. Gene Expression, 2009, 14, 265-278.	1.2	19
87	Prehematopoietic Stem Cell Transplantation Tear Cytokines as Potential Susceptibility Biomarkers for Ocular Chronic Graft-Versus-Host Disease. , 2017, 58, 4836.		19
88	Are Contact Lens Discomfort or Soft Contact Lens Material Properties Associated with Alterations in the Corneal Sub-Basal Nerve Plexus?. Current Eye Research, 2018, 43, 487-492.	1.5	18
89	Topical fluorometholone treatment and desiccating stress change inflammatory protein expression in tears. Ocular Surface, 2018, 16, 84-92.	4.4	18
90	Clinical and tear cytokine profiles after advanced surface ablation refractive surgery: A six-month follow-up. Experimental Eye Research, 2020, 193, 107976.	2.6	18

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91	The role of the conjunctival epithelium in ocular allergy. Current Opinion in Allergy and Clinical Immunology, 2005, 5, 441-445.	2.3	17
92	Consecutive Expansion of Limbal Epithelial Stem Cells from a Single Limbal Biopsy. Current Eye Research, 2013, 38, 537-549.	1.5	17
93	Goals and Challenges of Stem Cell-Based Therapy for Corneal Blindness Due to Limbal Deficiency. Pharmaceutics, 2021, 13, 1483.	4.5	16
94	Human Epithelium from Conjunctival Impression Cytology Expresses MUC7 Mucin Gene. Cornea, 2003, 22, 665-671.	1.7	15
95	Basal values, intra-day and inter-day variations in tear film osmolarity and tear fluorescein clearance. Current Eye Research, 2014, 39, 673-679.	1.5	15
96	Expression of ICAM-1 and HLA-DR by Human Conjunctival Epithelial Cultured Cells and Modulation by Nedocromil Sodium. Journal of Ocular Pharmacology and Therapeutics, 1998, 14, 517-531.	1.4	14
97	Subretinal fibrosis and uveitis syndrome associated with ulcerative colitis. International Journal of Colorectal Disease, 2007, 22, 333-334.	2.2	14
98	Response profiles to a controlled adverse desiccating environment based on clinical and tear molecule changes. Ocular Surface, 2019, 17, 502-515.	4.4	14
99	Advanced Therapy Medicinal Products for the Eye: Definitions and Regulatory Framework. Pharmaceutics, 2021, 13, 347.	4.5	14
100	Ocular Allergies: Association with Immune Dermatitis. Acta Ophthalmologica, 2000, 78, 69-75.	0.3	13
101	Efficacy and safety of microspheres of cyclosporin A, a new systemic formulation, to prevent corneal graft rejection in rats. Current Eye Research, 2002, 24, 39-45.	1.5	13
102	Dry Eye Disease in Chronic Graft-Versus-Host Disease: Results From a Spanish Retrospective Cohort Study. Transplantation Proceedings, 2011, 43, 1934-1938.	0.6	13
103	Human Conjunctival Epithelium in Culture: A Tool to Assay New Therapeutic Strategies for Dry Eye. Advances in Experimental Medicine and Biology, 2002, 506, 307-311.	1.6	13
104	Characterization and short-term culture of cells recovered from human conjunctival epithelium by minimally invasive means. Molecular Vision, 2009, 15, 2185-95.	1.1	13
105	Ultrastructural evidence of mucus in human conjunctival epithelial cultures. Current Eye Research, 1999, 19, 95-105.	1.5	12
106	Poly-I/dI-lactic acid films functionalized with collagen IV as carrier substrata for corneal epithelial stem cells. Colloids and Surfaces B: Biointerfaces, 2019, 177, 121-129.	5.0	12
107	Inflammation-related molecules in tears of patients with chronic ocular pain and dry eye disease. Experimental Eye Research, 2022, 219, 109057.	2.6	12
108	Influence of topical anesthesia on tests diagnostic of blepharitis-associated dry eye syndrome. Ocular Immunology and Inflammation, 1997, 5, 33-42.	1.8	11

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109	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. Histology and Histopathology, 2015, 30, 183-92.	0.7	11
110	Tear Inflammatory Molecules in Contact Lens Wearers: A Literature Review. Current Medicinal Chemistry, 2020, 27, 523-548.	2.4	11
111	Management of Corneal Complications in Xeroderma Pigmentosum. Cornea, 1992, 11, 173-182.	1.7	10
112	Animal models of ocular allergy and their clinical correlations. Current Allergy and Asthma Reports, 2003, 3, 345-351.	5.3	10
113	Early and late phases of ocular anaphylaxis in actively immunized guinea pigs. Acta Ophthalmologica, 1990, 68, 470-476.	1.1	10
114	Antioxidant enzyme mRNA expression in conjunctival epithelium of healthy human subjects. Canadian Journal of Ophthalmology, 2011, 46, 35-39.	0.7	9
115	Successful Consecutive Expansion of Limbal Explants Using a Biosafe Culture Medium under Feeder Layer-Free Conditions. Current Eye Research, 2017, 42, 685-695.	1.5	9
116	Variation in the Expression of Inflammatory Markers and Neuroreceptors in Human Conjunctival Epithelial Cells. Ocular Surface, 2005, 3, S-145-S-148.	4.4	8
117	Contact Lens Case Cleaning Procedures Affect Storage Solution pH and Osmolality. Optometry and Vision Science, 2011, 88, 1414-1421.	1.2	8
118	Fatal disseminated Scedosporium prolificans infection initiated by ophthalmic involvement in a patient with acute myeloblastic leukemia. Diagnostic Microbiology and Infectious Disease, 2013, 76, 375-378.	1.8	8
119	Oculopalpebral Borreliosis as an Unusual Manifestation of Lyme Disease. Cornea, 2013, 32, 87-90.	1.7	8
120	α2-Adrenergic Receptors Are Present in Normal Human Conjunctiva. Current Eye Research, 2005, 30, 1121-1129.	1.5	7
121	Severe keratopathy in paediatric Cogan's syndrome. Rheumatology, 2006, 45, 1576-1577.	1.9	7
122	CD44 and RHAMM hyaluronan receptors in human ocular surface inflammation. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 1289-1295.	1.9	7
123	Muscarinic receptors in the ocular surface. Current Opinion in Allergy and Clinical Immunology, 2006, 6, 379-382.	2.3	6
124	Inflammatory status predicts contact lens discomfort under adverse environmental conditions. Ocular Surface, 2020, 18, 829-840.	4.4	4
125	Development of a Questionnaire for Detecting Changes in Dry Eye Disease–Related Symptoms. Eye and Contact Lens, 2021, 47, 8-14.	1.6	4
126	Distinctive Clinical Features of Idiopathic versus Infectious Serpiginous Choroidopathy. Ocular Immunology and Inflammation, 2012, 20, 448-452.	1.8	3

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127	Ocular Surface Pathology in Patients Suffering from Mercury Intoxication. Diagnostics, 2021, 11, 1326.	2.6	3
128	Conjunctival Pigmentation in Stevens-Johnson Syndrome. Annals of Ophthalmology, 2007, 39, 152-157.	0.0	2
129	Cell Therapy Using Extraocular Mesenchymal Stem Cells. Essentials in Ophthalmology, 2019, , 231-262.	0.1	2
130	Effect of Topical Dexamethasone on the Ocular Allergic Reaction in Passively Sensitized Guinea Pigs. Ophthalmic Research, 1990, 22, 351-358.	1.9	1
131	Phlyctenular keratoconjunctivitis a potentially blinding disorder. Ocular Immunology and Inflammation, 1996, 4, 119-123.	1.8	1
132	Conjunctival Pigmentation in Stevens–Johnson Syndrome. Comprehensive Therapy, 2007, 33, 99-103.	0.2	1
133	Age- and Sex-Adjusted Reference Intervals in Tear Cytokine Levels in Healthy Subjects. Applied Sciences (Switzerland), 2021, 11, 8958.	2.5	1
134	Reply. Ophthalmology, 2017, 124, e14-e15.	5.2	0
135	Optimization of Human Limbal Stem Cell Culture by Replating a Single Limbal Explant. Methods in Molecular Biology, 2020, 2145, 39-49.	0.9	Ο
136	Epithelial component and intraepithelial lymphocytes of conjunctiva-associated lymphoid tissue in healthy children. Histology and Histopathology, 2021, , 18385.	0.7	0