

Itziar Fernández Martínez

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

2,074
citations

331670

21
h-index

315739

38
g-index

86
all docs

86
docs citations

86
times ranked

2210
citing authors

#	ARTICLE	IF	CITATIONS
1	Tear cytokine and chemokine analysis and clinical correlations in evaporative-type dry eye disease. <i>Molecular Vision</i> , 2010, 16, 862-73.	1.1	229
2	Surgical outcomes for primary rhegmatogenous retinal detachments in phakic and pseudophakic patients: the Retina 1 Project--report 2. <i>British Journal of Ophthalmology</i> , 2008, 92, 378-382.	3.9	113
3	Ocular Mucin Gene Expression Levels as Biomarkers for the Diagnosis of Dry Eye Syndrome. , 2011, 52, 8363.		85
4	Biomarkers in Ocular Chronic Graft Versus Host Disease: Tear Cytokine- and Chemokine-Based Predictive Model. , 2016, 57, 746.		81
5	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.	5.0	81
6	Cytokine responses by conjunctival epithelial cells: An in vitro model of ocular inflammation. <i>Cytokine</i> , 2008, 44, 160-167.	3.2	77
7	Topical Fluorometholone Protects the Ocular Surface of Dry Eye Patients from Desiccating Stress. <i>Ophthalmology</i> , 2016, 123, 141-153.	5.2	65
8	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, 855-863.	1.5	60
9	Intra- and inter-day variation of cytokines and chemokines in tears of healthy subjects. <i>Experimental Eye Research</i> , 2014, 120, 43-49.	2.6	59
10	A Strong Genetic Association between the Tumor Necrosis Factor Locus and Proliferative Vitreoretinopathy: The Retina 4 Project. <i>Ophthalmology</i> , 2010, 117, 2417-2423.e2.	5.2	57
11	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.	4.4	55
12	Non-complicated retinal detachment management: variations in 4 years. Retina 1 project; report 1. <i>British Journal of Ophthalmology</i> , 2008, 92, 523-525.	3.9	54
13	Stem Cell Therapy for Corneal Epithelium Regeneration following Good Manufacturing and Clinical Procedures. <i>BioMed Research International</i> , 2015, 2015, 1-19.	1.9	54
14	Measurement of Corneal Swelling Variations without Removal of the Contact Lens during Extended Wear. , 2007, 48, 3043.		46
15	A Genetic Case-Control Study Confirms the Implication of <i>SMAD7</i> and <i>TNF</i> Locus in the Development of Proliferative Vitreoretinopathy. , 2013, 54, 1665.		43
16	Gene Expression-Based Predictive Models of Graft Versus Host Disease-Associated Dry Eye. , 2015, 56, 4570.		42
17	Differential Cell Proliferation, Apoptosis, and Immune Response in Healthy and Evaporative-Type Dry Eye Conjunctival Epithelia. , 2011, 52, 4819.		41
18	The p53 Codon 72 Polymorphism (rs1042522) Is Associated with Proliferative Vitreoretinopathy. <i>Ophthalmology</i> , 2013, 120, 623-628.	5.2	38

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19	The T309G MDM2 Gene Polymorphism Is a Novel Risk Factor for Proliferative Vitreoretinopathy. PLoS ONE, 2013, 8, e82283.	2.5	35
20	Development of Predictive Models of Proliferative Vitreoretinopathy Based on Genetic Variables: The Retina 4 Project. , 2009, 50, 2384.		34
21	Characterization by Belmonte's Gas Esthesiometer of Mechanical, Chemical, and Thermal Corneal Sensitivity Thresholds in a Normal Population. , 2012, 53, 3154.		34
22	HGF, IL-1 β , and IL-27 Are Robust Biomarkers in Early Severity Stratification of COVID-19 Patients. Journal of Clinical Medicine, 2021, 10, 2017.	2.4	34
23	Ocular Pain After Intravitreal Injection. Current Eye Research, 2013, 38, 278-282.	1.5	33
24	Activation of MAPK Signaling Pathway and NF- κ B Activation in Pterygium and Ipsilateral Pterygium-Free Conjunctival Specimens. , 2011, 52, 5842.		31
25	Refractive Stabilization and Corneal Swelling After Cataract Surgery. Optometry and Vision Science, 2013, 90, 31-36.	1.2	29
26	Association between SNPs of Metalloproteinases and Prostaglandin F $_{2\beta}$ Receptor Genes and Latanoprost Response in Open-Angle Glaucoma. Ophthalmology, 2015, 122, 1040-1048.e4.	5.2	28
27	Effects of the External Environment on Dry Eye Disease. International Ophthalmology Clinics, 2017, 57, 23-40.	0.7	28
28	Dynamic changes of the extracellular matrix during corneal wound healing. Experimental Eye Research, 2019, 186, 107704.	2.6	27
29	Effect of central hole location in phakic intraocular lenses on visual function under progressive headlight glare sources. Journal of Cataract and Refractive Surgery, 2019, 45, 1591-1596.	1.5	25
30	Reliability of Potential Pain Biomarkers in the Saliva of Healthy Subjects: Inter-Individual Differences and Intersession Variability. PLoS ONE, 2016, 11, e0166976.	2.5	25
31	Predicting proliferative vitreoretinopathy: temporal and external validation of models based on genetic and clinical variables. British Journal of Ophthalmology, 2015, 99, 41-48.	3.9	21
32	Effect of Environmental Conditions on the Concentration of Tear Inflammatory Mediators During Contact Lens Wear. Cornea, 2016, 35, 1192-1198.	1.7	21
33	Ocular response to environmental variations in contact lens wearers. Ophthalmic and Physiological Optics, 2017, 37, 60-70.	2.0	21
34	Prehematopoietic Stem Cell Transplantation Tear Cytokines as Potential Susceptibility Biomarkers for Ocular Chronic Graft-Versus-Host Disease. , 2017, 58, 4836.		19
35	<sc>BAX</sc> and <sc>BCL</sc> polymorphisms, as predictors of proliferative vitreoretinopathy development in patients suffering retinal detachment: the <sc>R</sc> retina 4 project. Acta Ophthalmologica, 2015, 93, e541-9.	1.1	18
36	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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37	Rose Bengal and Green Light Versus Riboflavinâ€“UVA Cross-Linking: Corneal Wound Repair Response. , 2018, 59, 4821.		17
38	Effect of the EVO+ Visian Phakic Implantable Collamer Lens on Visual Performance and Quality of Vision and Life. American Journal of Ophthalmology, 2021, 226, 117-125.	3.3	16
39	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
40	Loss of Visual Acuity after Successful Surgery for Macula-On Rhegmatogenous Retinal Detachment in a Prospective Multicentre Study. Journal of Ophthalmology, 2015, 2015, 1-8.	1.3	14
41	Response profiles to a controlled adverse desiccating environment based on clinical and tear molecule changes. Ocular Surface, 2019, 17, 502-515.	4.4	14
42	Lipophilic Substances in Intraocular Silicone Oil. American Journal of Ophthalmology, 2007, 143, 707-709.	3.3	12
43	Safety and Biocompatibility of a New High-Density Polyethylene-Based Spherical Integrated Porous Orbital Implant: An Experimental Study in Rabbits. Journal of Ophthalmology, 2015, 2015, 1-7.	1.3	12
44	Predictive models of long-term anatomic outcome in age-related macular degeneration treated with as-needed Ranibizumab. BMC Ophthalmology, 2017, 17, 147.	1.4	12
45	Substance P Level in Tears as a Potential Biomarker for Contact Lens Discomfort. Ocular Immunology and Inflammation, 2021, 29, 43-56.	1.8	12
46	Inflammation-related molecules in tears of patients with chronic ocular pain and dry eye disease. Experimental Eye Research, 2022, 219, 109057.	2.6	12
47	EXTERNAL VALIDATION OF EXISTING FORMULAS TO PREDICT THE RISK OF DEVELOPING PROLIFERATIVE VITREORETINOPATHY. Retina, 2013, 33, 1519-1527.	1.7	11
48	Pain perception description after advanced surface ablation. Clinical Ophthalmology, 2017, Volume 11, 647-655.	1.8	11
49	Variations in Functional and Anatomical Outcomes and in Proliferative Vitreoretinopathy Rate along a Prospective Collaborative Study on Primary Rhegmatogenous Retinal Detachments: The Retina 1 Projectâ€“Report 4. ISRN Ophthalmology, 2012, 2012, 1-7.	1.7	10
50	Comparison of specular microscopy and ultrasound pachymetry before and after cataract surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 387-392.	1.9	10
51	Contact Lens Discomfort Management: Outcomes of Common Interventions. Eye and Contact Lens, 2021, 47, 256-264.	1.6	10
52	A Propensity Score Matching Application: Indications and Results of Adding Scleral Buckle to Vitrectomy: The Retina 1 Project: Report 3. European Journal of Ophthalmology, 2012, 22, 244-253.	1.3	9
53	Vertical Transmission of Bacterial Eye Infections, Angola, 2011â€“2012. Emerging Infectious Diseases, 2015, 21, 471-473.	4.3	7
54	Learning difficulties, alternative conceptions and misconceptions of student teachers about respiratory physiology. International Journal of Science Education, 2019, 41, 2602-2625.	1.9	7

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55	Conjunctival Neuropathic and Inflammatory Pain-Related Gene Expression with Contact Lens Wear and Discomfort. <i>Ocular Immunology and Inflammation</i> , 2021, 29, 587-606.	1.8	7
56	Design of a questionnaire for detecting contact lens discomfort: the Contact Lens Discomfort Index. <i>Australasian journal of optometry, The</i> , 2022, 105, 268-274.	1.3	7
57	Funduscopy results after 4-year follow-up treatment with ranibizumab for age-related macular degeneration in a region of Spain. <i>BMC Ophthalmology</i> , 2014, 14, 138.	1.4	6
58	The value of simple microbiological studies for on-site screening of acute neonatal conjunctivitis in Angola. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2014, 4, 1.	2.2	6
59	Meta-analysis of the rs243865 MMP-2 polymorphism and age-related macular degeneration risk. <i>PLoS ONE</i> , 2019, 14, e0213624.	2.5	6
60	Visual processing speed in hemianopia patients secondary to acquired brain injury: a new assessment methodology. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 12.	4.6	6
61	Dependability of Posterior-Segment Spectral Domain Optical Coherence Tomography for Measuring Central Corneal Thickness. <i>Cornea</i> , 2014, 33, 1219-1224.	1.7	5
62	Pre-service teachers' views on science teaching in Early Childhood Education in Spain. <i>European Early Childhood Education Research Journal</i> , 2019, 27, 801-820.	1.9	5
63	Nidogen-2: Location and expression during corneal wound healing. <i>Experimental Eye Research</i> , 2019, 178, 1-9.	2.6	5
64	EVO+ Implantable Collamer Lens KS-aquaPORT Location, Stability, and Impact on Quality of Vision and Life. <i>Journal of Refractive Surgery</i> , 2022, 38, 177-183.	2.3	5
65	Diurnal variation on tear stability and correlation with tear cytokine concentration. <i>Contact Lens and Anterior Eye</i> , 2022, 45, 101705.	1.7	5
66	Ocular tolerance of a new multipurpose solution specifically formulated for daily wear of silicone hydrogel contact lenses. <i>Contact Lens and Anterior Eye</i> , 2011, 34, 17-21.	1.7	4
67	Inflammatory status predicts contact lens discomfort under adverse environmental conditions. <i>Ocular Surface</i> , 2020, 18, 829-840.	4.4	4
68	<p></p>Evaluation of Potential Pain Biomarkers in Saliva and Pain Perception After Corneal Advanced Surface Ablation Surgery<p></p>. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 613-623.	1.8	4
69	Development of a Questionnaire for Detecting Changes in Dry Eye Disease-Related Symptoms. <i>Eye and Contact Lens</i> , 2021, 47, 8-14.	1.6	4
70	Repeatability and reproducibility of Orbscan II. <i>Optometry Reports</i> , 2012, 2, 1.	0.2	3
71	A Pilot Proteomic Study of Normal Human Tears: Leptin as a Potential Biomarker of Metabolic Disorders. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5755.	2.5	3
72	Ocular Surface Pathology in Patients Suffering from Mercury Intoxication. <i>Diagnostics</i> , 2021, 11, 1326.	2.6	3

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73	Consistency of Corneal Sublayer Thickness Measurements using Fourier-Domain Optical Coherence Tomography after Phacoemulsification. <i>European Journal of Ophthalmology</i> , 2016, 26, 540-545.	1.3	2
74	Reliability of colour perimetry to assess macular pigment optical density in age-related macular degeneration. <i>European Journal of Ophthalmology</i> , 2020, 30, 1480-1486.	1.3	2
75	Does placebo effect exist in contact lens discomfort management?. <i>Contact Lens and Anterior Eye</i> , 2020, 44, 101370.	1.7	2
76	The FMM Approach to Analyze Biomedical Signals: Theory, Software, Applications and Future. <i>Mathematics</i> , 2021, 9, 1145.	2.2	2
77	Compelling new electrocardiographic markers for automatic diagnosis. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 221, 106807.	4.7	2
78	Training and professional profile of retinologists in Spain: Retina 2 project, Report 4. <i>Clinical Ophthalmology</i> , 2011, 5, 483.	1.8	1
79	Usefulness of a global rating change scale for contact lens discomfort evaluation. <i>Contact Lens and Anterior Eye</i> , 2021, 44, 101467.	1.7	1
80	Monochromatic higher order aberrations in highly myopic eyes with Staphyloma. <i>BMC Ophthalmology</i> , 2021, 21, 223.	1.4	1
81	Age- and Sex-Adjusted Reference Intervals in Tear Cytokine Levels in Healthy Subjects. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8958.	2.5	1
82	E-learning strategies to improve general practitioners' knowledge of age-related macular degeneration. <i>Medical Education</i> , 2012, 46, 517-518.	2.1	0
83	Reply. <i>Ophthalmology</i> , 2017, 124, e14-e15.	5.2	0
84	Letter to the editor. "Comparison of specular microscopy and ultrasound pachymetry before and after cataract surgery". <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 839-840.	1.9	0
85	Reliability of Blotting Techniques to Assess Contact Lens Water Content. <i>Eye and Contact Lens</i> , 2018, 44, S227-S232.	1.6	0
86	Epithelial component and intraepithelial lymphocytes of conjunctiva-associated lymphoid tissue in healthy children. <i>Histology and Histopathology</i> , 2021, , 18385.	0.7	0