

Itziar Fernández Martínez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4826488/publications.pdf>

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	Design of a questionnaire for detecting contact lens discomfort: the Contact Lens Discomfort Index. <i>Australasian journal of optometry</i> , The, 2022, 105, 268-274.	1.3	7
2	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
3	Inflammation-related molecules in tears of patients with chronic ocular pain and dry eye disease. <i>Experimental Eye Research</i> , 2022, 219, 109057.	2.6	12
4	Diurnal variation on tear stability and correlation with tear cytokine concentration. <i>Contact Lens and Anterior Eye</i> , 2022, 45, 101705.	1.7	5
5	Compelling new electrocardiographic markers for automatic diagnosis. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 221, 106807.	4.7	2
6	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
7	Substance P Level in Tears as a Potential Biomarker for Contact Lens Discomfort. <i>Ocular Immunology and Inflammation</i> , 2021, 29, 43-56.	1.8	12
8	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
9	Monochromatic higher order aberrations in highly myopic eyes with Staphyloma. <i>BMC Ophthalmology</i> , 2021, 21, 223.	1.4	1
10	HGF, IL-1 β , and IL-27 Are Robust Biomarkers in Early Severity Stratification of COVID-19 Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 2017.	2.4	34
11	The FMM Approach to Analyze Biomedical Signals: Theory, Software, Applications and Future. <i>Mathematics</i> , 2021, 9, 1145.	2.2	2
12	Effect of the EVO+ Visian Phakic Implantable Collamer Lens on Visual Performance and Quality of Vision and Life. <i>American Journal of Ophthalmology</i> , 2021, 226, 117-125.	3.3	16
13	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
14	Ocular Surface Pathology in Patients Suffering from Mercury Intoxication. <i>Diagnostics</i> , 2021, 11, 1326.	2.6	3
15	Age- and Sex-Adjusted Reference Intervals in Tear Cytokine Levels in Healthy Subjects. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8958.	2.5	1
16	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
17	Contact Lens Discomfort Management: Outcomes of Common Interventions. <i>Eye and Contact Lens</i> , 2021, 47, 256-264.	1.6	10
18	Epithelial component and intraepithelial lymphocytes of conjunctiva-associated lymphoid tissue in healthy children. <i>Histology and Histopathology</i> , 2021, , 18385.	0.7	0

#	ARTICLE	IF	CITATIONS
19	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
20	Inflammatory status predicts contact lens discomfort under adverse environmental conditions. <i>Ocular Surface</i> , 2020, 18, 829-840.	4.4	4
21	<p>Evaluation of Potential Pain Biomarkers in Saliva and Pain Perception After Corneal Advanced Surface Ablation Surgery</p>. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 613-623.	1.8	4
22	Clinical and tear cytokine profiles after advanced surface ablation refractive surgery: A six-month follow-up. <i>Experimental Eye Research</i> , 2020, 193, 107976.	2.6	18
23	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
24	Does placebo effect exist in contact lens discomfort management?. <i>Contact Lens and Anterior Eye</i> , 2020, 44, 101370.	1.7	2
25	Pre-service teachersâ€™ 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
26	Effect of central hole location in phakic intraocular lenses on visual function under progressive headlight glare sources. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 1591-1596.	1.5	25
27	Dynamic changes of the extracellular matrix during corneal wound healing. <i>Experimental Eye Research</i> , 2019, 186, 107704.	2.6	27
28	Meta-analysis of the rs243865 MMP-2 polymorphism and age-related macular degeneration risk. <i>PLoS ONE</i> , 2019, 14, e0213624.	2.5	6
29	Response profiles to a controlled adverse desiccating environment based on clinical and tear molecule changes. <i>Ocular Surface</i> , 2019, 17, 502-515.	4.4	14
30	Learning difficulties, alternative conceptions and misconceptions of student teachers about respiratory physiology. <i>International Journal of Science Education</i> , 2019, 41, 2602-2625.	1.9	7
31	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
32	Nidogen-2: Location and expression during corneal wound healing. <i>Experimental Eye Research</i> , 2019, 178, 1-9.	2.6	5
33	Reliability of Blotting Techniques to Assess Contact Lens Water Content. <i>Eye and Contact Lens</i> , 2018, 44, S227-S232.	1.6	0
34	Rose Bengal and Green Light Versus Riboflavinâ€™UVA Cross-Linking: Corneal Wound Repair Response. , 2018, 59, 4821.		17
35	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
36	Ocular response to environmental variations in contact lens wearers. <i>Ophthalmic and Physiological Optics</i> , 2017, 37, 60-70.	2.0	21

#	ARTICLE	IF	CITATIONS
37	Reply. <i>Ophthalmology</i> , 2017, 124, e14-e15.	5.2	0
38	Effects of the External Environment on Dry Eye Disease. <i>International Ophthalmology Clinics</i> , 2017, 57, 23-40.	0.7	28
39	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
40	Comparison of specular microscopy and ultrasound pachymetry before and after cataract surgery. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 387-392.	1.9	10
41	Predictive models of long-term anatomic outcome in age-related macular degeneration treated with as-needed Ranibizumab. <i>BMC Ophthalmology</i> , 2017, 17, 147.	1.4	12
42	Prehematopoietic Stem Cell Transplantation Tear Cytokines as Potential Susceptibility Biomarkers for Ocular Chronic Graft-Versus-Host Disease. , 2017, 58, 4836.		19
43	Pain perception description after advanced surface ablation. <i>Clinical Ophthalmology</i> , 2017, Volume 11, 647-655.	1.8	11
44	Biomarkers in Ocular Chronic Graft Versus Host Disease: Tear Cytokine- and Chemokine-Based Predictive Model. , 2016, 57, 746.		81
45	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
46	Effect of Environmental Conditions on the Concentration of Tear Inflammatory Mediators During Contact Lens Wear. <i>Cornea</i> , 2016, 35, 1192-1198.	1.7	21
47	Topical Fluorometholone Protects the Ocular Surface of Dry Eye Patients from Desiccating Stress. <i>Ophthalmology</i> , 2016, 123, 141-153.	5.2	65
48	Reliability of Potential Pain Biomarkers in the Saliva of Healthy Subjects: Inter-Individual Differences and Intersession Variability. <i>PLoS ONE</i> , 2016, 11, e0166976.	2.5	25
49	<scp>BAX</scp> and <scp>BCL</scp> polymorphisms, as predictors of proliferative vitreoretinopathy development in patients suffering retinal detachment: the <scp>R</scp>etina 4 project. <i>Acta Ophthalmologica</i> , 2015, 93, e541-9.	1.1	18
50	Vertical Transmission of Bacterial Eye Infections, Angola, 2011-2012. <i>Emerging Infectious Diseases</i> , 2015, 21, 471-473.	4.3	7
51	Gene Expression-Based Predictive Models of Graft Versus Host Disease-Associated Dry Eye. , 2015, 56, 4570.		42
52	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
53	Loss of Visual Acuity after Successful Surgery for Macula-On Rhegmatogenous Retinal Detachment in a Prospective Multicentre Study. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-8.	1.3	14
54	Safety and Biocompatibility of a New High-Density Polyethylene-Based Spherical Integrated Porous Orbital Implant: An Experimental Study in Rabbits. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-7.	1.3	12

#	ARTICLE	IF	CITATIONS
55	Association between SNPs of Metalloproteinases and Prostaglandin F2Î± Receptor Genes and Latanoprost Response in Open-Angle Glaucoma. <i>Ophthalmology</i> , 2015, 122, 1040-1048.e4.	5.2	28
56	Predicting proliferative vitreoretinopathy: temporal and external validation of models based on genetic and clinical variables. <i>British Journal of Ophthalmology</i> , 2015, 99, 41-48.	3.9	21
57	Basal values, intra-day and inter-day variations in tear film osmolarity and tear fluorescein clearance. <i>Current Eye Research</i> , 2014, 39, 673-679.	1.5	15
58	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
59	Dependability of Posterior-Segment Spectral Domain Optical Coherence Tomography for Measuring Central Corneal Thickness. <i>Cornea</i> , 2014, 33, 1219-1224.	1.7	5
60	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
61	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
62	The p53 Codon 72 Polymorphism (rs1042522) Is Associated with Proliferative Vitreoretinopathy. <i>Ophthalmology</i> , 2013, 120, 623-628.	5.2	38
63	Refractive Stabilization and Corneal Swelling After Cataract Surgery. <i>Optometry and Vision Science</i> , 2013, 90, 31-36.	1.2	29
64	EXTERNAL VALIDATION OF EXISTING FORMULAS TO PREDICT THE RISK OF DEVELOPING PROLIFERATIVE VITREORETINOPATHY. <i>Retina</i> , 2013, 33, 1519-1527.	1.7	11
65	Ocular Pain After Intravitreal Injection. <i>Current Eye Research</i> , 2013, 38, 278-282.	1.5	33
66	A Genetic Case-Control Study Confirms the Implication of SMAD7 and TNF Locus in the Development of Proliferative Vitreoretinopathy. , 2013, 54, 1665.		43
67	The T309G MDM2 Gene Polymorphism Is a Novel Risk Factor for Proliferative Vitreoretinopathy. <i>PLoS ONE</i> , 2013, 8, e82283.	2.5	35
68	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
69	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. <i>ISRN Ophthalmology</i> , 2012, 2012, 1-7.	1.7	10
70	A Propensity Score Matching Application: Indications and Results of Adding Scleral Buckle to Vitrectomy: The Retina 1 Project: Report 3. <i>European Journal of Ophthalmology</i> , 2012, 22, 244-253.	1.3	9
71	Repeatability and reproducibility of Orbscan II. <i>Optometry Reports</i> , 2012, 2, 1.	0.2	3
72	Characterization by Belmonte's Gas Esthesiometer of Mechanical, Chemical, and Thermal Corneal Sensitivity Thresholds in a Normal Population. , 2012, 53, 3154.		34

#	ARTICLE	IF	CITATIONS
73	E-learning strategies to improve general practitioners'™ knowledge of age-related macular degeneration. <i>Medical Education</i> , 2012, 46, 517-518.	2.1	0
74	Activation of MAPK Signaling Pathway and NF- κ B Activation in Pterygium and Ipsilateral Pterygium-Free Conjunctival Specimens. , 2011, 52, 5842.		31
75	Training and professional profile of retinologists in Spain: Retina 2 project, Report 4. <i>Clinical Ophthalmology</i> , 2011, 5, 483.	1.8	1
76	Ocular Mucin Gene Expression Levels as Biomarkers for the Diagnosis of Dry Eye Syndrome. , 2011, 52, 8363.		85
77	Differential Cell Proliferation, Apoptosis, and Immune Response in Healthy and Evaporative-Type Dry Eye Conjunctival Epithelia. , 2011, 52, 4819.		41
78	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
79	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
80	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
81	Development of Predictive Models of Proliferative Vitreoretinopathy Based on Genetic Variables: The Retina 4 Project. , 2009, 50, 2384.		34
82	Cytokine responses by conjunctival epithelial cells: An in vitro model of ocular inflammation. <i>Cytokine</i> , 2008, 44, 160-167.	3.2	77
83	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
84	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
85	Lipophilic Substances in Intraocular Silicone Oil. <i>American Journal of Ophthalmology</i> , 2007, 143, 707-709.	3.3	12
86	Measurement of Corneal Swelling Variations without Removal of the Contact Lens during Extended Wear. , 2007, 48, 3043.		46