

Piera Versura

List of Publications by Citations

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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.

92
papers

2,086
citations

23
h-index

42
g-index

99
ext. papers

2,458
ext. citations

3.3
avg, IF

4.97
L-index

#	Paper	IF	Citations
92	Performance of tear osmolarity compared to previous diagnostic tests for dry eye diseases. <i>Current Eye Research</i> , 2010 , 35, 553-64	2.9	187
91	TFOS DEWS II Sex, Gender, and Hormones Report. <i>Ocular Surface</i> , 2017 , 15, 284-333	6.5	167
90	Nucleofection is an efficient nonviral transfection technique for human bone marrow-derived mesenchymal stem cells. <i>Stem Cells</i> , 2006 , 24, 454-61	5.8	111
89	Tear proteomics in evaporative dry eye disease. <i>Eye</i> , 2010 , 24, 1396-402	4.4	101
88	Eye discomfort and air pollution. <i>Ophthalmologica</i> , 1999 , 213, 103-9	3.7	87
87	Sex-steroid imbalance in females and dry eye. <i>Current Eye Research</i> , 2015 , 40, 162-75	2.9	68
86	Blood derived eye drops for the treatment of cornea and ocular surface diseases. <i>Transfusion and Apheresis Science</i> , 2017 , 56, 595-604	2.4	68
85	Neurotrophic keratitis: current challenges and future prospects. <i>Eye and Brain</i> , 2018 , 10, 37-45	5.7	63
84	Menopause and dry eye. A possible relationship. <i>Gynecological Endocrinology</i> , 2005 , 20, 289-98	2.4	56
83	Diagnostic performance of tear function tests in Sjogren's syndrome patients. <i>Eye</i> , 2007 , 21, 229-37	4.4	50
82	Efficacy of standardized and quality-controlled cord blood serum eye drop therapy in the healing of severe corneal epithelial damage in dry eye. <i>Cornea</i> , 2013 , 32, 412-8	3.1	49
81	Hyperosmolar stress upregulates HLA-DR expression in human conjunctival epithelium in dry eye patients and in vitro models 2011 , 52, 5488-96		47
80	Adhesion mechanisms of human lens epithelial cells on 4 intraocular lens materials. <i>Journal of Cataract and Refractive Surgery</i> , 1999 , 25, 527-33	2.3	47
79	Diagnostic performance of a tear protein panel in early dry eye. <i>Molecular Vision</i> , 2013 , 19, 1247-57	2.3	43
78	The biocompatibility of silicone, fluorosilicone and perfluorocarbon liquids as vitreous tamponades. an ultrastructural and immunohistochemical study. <i>Ophthalmologica</i> , 2001 , 215, 276-83	3.7	42
77	In vivo confocal microscopy morphometric analysis of corneal subbasal nerve plexus in dry eye disease using newly developed fully automated system. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 583-589	3.8	39
76	Ocular surface changes over the menstrual cycle in women with and without dry eye. <i>Gynecological Endocrinology</i> , 2007 , 23, 385-90	2.4	38

75	Efficacy of Omega-3 Fatty Acid Supplementation for Treatment of Dry Eye Disease: A Meta-Analysis of Randomized Clinical Trials. <i>Cornea</i> , 2019 , 38, 565-573	3.1	37
74	Dryness symptoms, diagnostic protocol and therapeutic management: a report on 1,200 patients. <i>Ophthalmic Research</i> , 2001 , 33, 221-7	2.9	32
73	Dry Eye Disease and Tear Cytokine Levels-A Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	29
72	TearLab [®] Osmolarity System for diagnosing dry eye. <i>Expert Review of Molecular Diagnostics</i> , 2013 , 13, 119-29	3.8	29
71	Detection of mucus glycoconjugates in human conjunctiva by using the lectin-colloidal gold technique in TEM. II. A quantitative study in dry-eye patients. <i>Acta Ophthalmologica</i> , 1986 , 64, 451-5	3.7	24
70	Mucus alteration and eye dryness. A possible relationship. <i>Acta Ophthalmologica</i> , 1989 , 67, 455-64	3.7	24
69	Meibomian Gland Dropout in Hematological Patients Before Hematopoietic Stem Cell Transplantation. <i>Cornea</i> , 2018 , 37, 1264-1269	3.1	23
68	Trehalose/hyaluronate eyedrop effects on ocular surface inflammatory markers and mucin expression in dry eye patients. <i>Clinical Ophthalmology</i> , 2018 , 12, 1293-1300	2.5	23
67	Targeting growth factor supply in keratopathy treatment: comparison between maternal peripheral blood and cord blood as sources for the preparation of topical eye drops. <i>Blood Transfusion</i> , 2016 , 14, 145-51	3.6	23
66	Comparison of growth factor and interleukin content of adult peripheral blood and cord blood serum eye drops for cornea and ocular surface diseases. <i>Transfusion and Apheresis Science</i> , 2018 , 57, 549-555	2.4	23
65	Efficacy of 2-Month Treatment With Cord Blood Serum Eye Drops in Ocular Surface Disease: An In Vivo Confocal Microscopy Study. <i>Cornea</i> , 2017 , 36, 915-921	3.1	22
64	Blood-Based Treatments for Severe Dry Eye Disease: The Need of a Consensus. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	22
63	Dry Eye Disease Is Already Present in Hematological Patients Before Hematopoietic Stem Cell Transplantation. <i>Cornea</i> , 2016 , 35, 638-43	3.1	22
62	Plasma levels of endothelin-1 in retinitis pigmentosa. <i>Ophthalmologica</i> , 2002 , 216, 265-8	3.7	21
61	Ultrastructure of cells cultured onto various intraocular lens materials. <i>Journal of Cataract and Refractive Surgery</i> , 1992 , 18, 58-64	2.3	21
60	Predictive role of tear protein expression in the early diagnosis of Sjögren's syndrome. <i>Annals of Clinical Biochemistry</i> , 2018 , 55, 561-570	2.2	19
59	Ocular surface analysis in hematological patients before and after allogeneic hematopoietic stem cell transplantation: implication for daily clinical practice. <i>Eye</i> , 2017 , 31, 1417-1426	4.4	18
58	Subjective Discomfort Symptoms Are Related to Low Corneal Temperature in Patients With Evaporative Dry Eye. <i>Cornea</i> , 2015 , 34, 1079-85	3.1	18

57	Synergistic effect of regenerating agent plus cord blood serum eye drops for the treatment of resistant neurotrophic keratitis: a case report and a hypothesis for pathophysiologic mechanism. <i>International Medical Case Reports Journal</i> , 2015 , 8, 277-81	1	18
56	The ocular surface in thyroid diseases. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2010 , 10, 486-93	3.3	18
55	Dry eye before and after therapy with hydroxypropyl methylcellulose. Ultrastructural and cytochemical study in 20 patients. <i>Ophthalmologica</i> , 1989 , 198, 152-62	3.7	18
54	Astigmatism in patients with idiopathic congenital nystagmus. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2013 , 251, 1635-9	3.8	14
53	Detection of mucus glycoconjugates in human conjunctiva by using the lectin-colloidal gold technique in TEM. III. A quantitative study in asymptomatic contact lens wearers. <i>Acta Ophthalmologica</i> , 1987 , 65, 661-7	3.7	14
52	A rapid standardized quantitative microfluidic system approach for evaluating human tear proteins. <i>Molecular Vision</i> , 2012 , 18, 2526-37	2.3	14
51	Effects of endothelin-1 on human trabecular meshwork cell contraction. an in vitro cell culture model. <i>Ophthalmic Research</i> , 2005 , 37, 43-9	2.9	13
50	Ultrastructural investigation demonstrating reduced cell adhesion on heparin-surface-modified intraocular lenses. <i>Ophthalmic Research</i> , 1991 , 23, 1-11	2.9	13
49	Detection of mucus glycoconjugates in human conjunctiva by using the lectin colloidal gold technique in TEM. I. A quantitative study in normal subjects. <i>Acta Ophthalmologica</i> , 1986 , 64, 445-50	3.7	12
48	A novel scraping cytology score system (SCSS) grades inflammation in dry eye patients. <i>Current Eye Research</i> , 2009 , 34, 340-6	2.9	12
47	In Vivo Confocal Microscopy Automated Morphometric Analysis of Corneal Subbasal Nerve Plexus in Patients With Dry Eye Treated With Different Sources of Homologous Serum Eye Drops. <i>Cornea</i> , 2019 , 38, 1412-1417	3.1	12
46	Eyelid metrics assessment in patients with chronic ocular graft versus-host disease. <i>Ocular Surface</i> , 2019 , 17, 98-103	6.5	12
45	A proposal of new ocular items in Sjögren's syndrome classification criteria. <i>Clinical and Experimental Rheumatology</i> , 2006 , 24, 567-72	2.2	12
44	Conjunctival and Limbal Transplantation From the Same Living-Related Bone Marrow Donor to Patients With Severe Ocular Graft-vs-Host Disease. <i>JAMA Ophthalmology</i> , 2017 , 135, 1123-1125	3.9	11
43	Discomfort symptoms reduction and ocular surface parameters recovery with Artelac Rebalance treatment in mild-moderate dry eye. <i>European Journal of Ophthalmology</i> , 2013 , 23, 488-95	1.9	11
42	Blood derived treatment from two allogeneic sources for severe dry eye associated to keratopathy: a multicentre randomised cross over clinical trial. <i>British Journal of Ophthalmology</i> , 2020 , 104, 1142-1147	5.5	11
41	Intolerant contact lens wearers exhibit ocular surface impairment despite 3 months wear discontinuation. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2016 , 254, 1825-31	3.8	10
40	Improved label-free LC-MS analysis by wavelet-based noise rejection. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 131505		10

39	Immunocytochemical analysis of contact lens surface deposits in transmission electron microscopy. <i>Current Eye Research</i> , 1988 , 7, 277-86	2.9	10
38	Muscle belly union associated with simultaneous medial rectus recession for treatment of myopic myopathy: results in 33 eyes. <i>Eye</i> , 2014 , 28, 557-61	4.4	9
37	Efficacy of two-month treatment with Xiloial eyedrops for discomfort from disposable soft contact lenses. <i>Clinical Ophthalmology</i> , 2010 , 4, 1035-41	2.5	9
36	Biomarkers in Tears and Ocular Surface: A Window for Neurodegenerative Diseases. <i>Eye and Contact Lens</i> , 2020 , 46 Suppl 2, S129-S134	3.2	9
35	Ocular-surface temperature modification by cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2016 , 42, 983-9	2.3	8
34	Cord blood serum-based eye drops: the impact of donor haematological and obstetric factors on the variability of epidermal growth factor levels. <i>Blood Transfusion</i> , 2014 , 12 Suppl 1, s44-50	3.6	8
33	Bilateral morphometric analysis of corneal sub-basal nerve plexus in patients undergoing unilateral cataract surgery: a preliminary in vivo confocal microscopy study. <i>British Journal of Ophthalmology</i> , 2021 , 105, 174-179	5.5	8
32	Incidence, Risk Factors and Complications of Ocular Graft-Versus-Host Disease Following Hematopoietic Stem Cell Transplantation. <i>American Journal of Ophthalmology</i> , 2021 , 227, 25-34	4.9	8
31	Longitudinal Analysis of Infrared Meibography in Patients Undergoing Hematopoietic Stem Cell Transplantation. <i>Cornea</i> , 2020 , 39, 812-817	3.1	7
30	Accommodative spasm might influence surgical planning and outcomes in acute acquired distance esotropia in myopia. <i>Medical Hypotheses</i> , 2016 , 94, 66-7	3.8	7
29	The Comparative Efficacy and Tolerability of Diclofenac 0.1% and Bromfenac 0.09% Ophthalmic Solutions after Cataract Surgery. <i>Current Eye Research</i> , 2018 , 43, 1445-1453	2.9	7
28	Changes in glycoconjugates in rat submandibular gland after chronic treatment with reserpine and isoproterenol. <i>Histochemistry</i> , 1988 , 90, 285-8		6
27	Comparison among different diagnostic criteria for chronic ocular graft-versus-host disease applied with and without pre-transplant ophthalmological examination. <i>Eye</i> , 2019 , 33, 154-160	4.4	6
26	Photorefractive keratectomy in 22 adult eyes with infantile nystagmus syndrome. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 1448-53	2.3	5
25	Ocular surface and intraocular inflammation are related in SS-I and rheumatoid arthritis patients. <i>Rheumatology International</i> , 2007 , 27, 853-7	3.6	5
24	Frequent Replacement and Conventional Daily Wear Soft Contact Lens Symptomatic Patients: Tear Film and Ocular Surface Changes. <i>International Journal of Artificial Organs</i> , 2000 , 23, 629-636	1.9	5
23	Topical Treatment with Cord Blood Serum in Glaucoma Patients: A Preliminary Report. <i>Case Reports in Ophthalmological Medicine</i> , 2018 , 2018, 2381296	0.7	5
22	TFOS European Ambassador meeting: Unmet needs and future scientific and clinical solutions for ocular surface diseases. <i>Ocular Surface</i> , 2020 , 18, 936-962	6.5	4

21	Dry eye disease in strabismus patients: Does eye deviation harm ocular surface?. <i>Medical Hypotheses</i> , 2018 , 111, 15-18	3.8	3
20	Scanning electron microscopy, X-ray microanalysis and immunohistochemistry on worn soft contact lenses. <i>Scanning Microscopy</i> , 1988 , 2, 397-410		3
19	Longitudinal Corneal Endothelial Cell Changes in Patients Undergoing Hematopoietic Stem Cell Transplantation. <i>Cornea</i> , 2021 , 40, 462-466	3.1	3
18	Association between alterations of corneal sub-basal nerve plexus analyzed with in vivo confocal microscopy and long-term glycemic variability. <i>European Journal of Ophthalmology</i> , 2021 , 31, 2294-2299	1.9	2
17	Cord Blood Serum (CBS)-Based Eye Drops Modulate Light-Induced Neurodegeneration in Albino Rat Retinas. <i>Biomolecules</i> , 2020 , 10,	5.9	2
16	Characterization of mucus glycoconjugates in normal human conjunctiva by lectins in light microscopy, transmission and scanning electron microscopy. <i>Scanning Electron Microscopy</i> , 1986 , 1229-41		2
15	Use of eye drops obtained from homologous blood source in the time of COVID-19: is there cause for ophthalmological concern?. <i>Blood Transfusion</i> , 2020 , 18, 233-234	3.6	2
14	TFOS: Unique challenges and unmet needs for the management of ocular surface diseases throughout the world. <i>Ocular Surface</i> , 2021 , 22, 242-244	6.5	2
13	Effects of Cord Blood Serum (CBS) on viability of retinal Müller glial cells under in vitro injury. <i>PLoS ONE</i> , 2020 , 15, e0234145	3.7	1
12	A Fully Automated Pipeline for a Robust Conjunctival Hyperemia Estimation. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2978	2.6	1
11	Long-lasting corneal endothelial graft rejection successfully reversed after dexamethasone intravitreal implant. <i>International Medical Case Reports Journal</i> , 2016 , 9, 187-91	1	1
10	Mononuclear cell antigen expression after contact with one-day disposable contact lens materials. <i>Ophthalmologica</i> , 2003 , 217, 225-30	3.7	0
9	Longitudinal Tear Protein Changes Correlate with Ocular Chronic GVHD Development in Allogeneic Hematopoietic Stem Cell Transplant Patients. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8221	2.6	0
8	Post Penetrating Keratoplasty Ectasia: Incidence, Risk Factors, Clinical Features, and Treatment Options. <i>Journal of Clinical Medicine</i> , 2022 , 11, 2678	5.1	0
7	FRI0330 Predictivity of Ocular Surface Parameters and Tear Protein Expression in The Diagnosis of Sjögren Syndrome versus Dry Eye. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 554.2-554	2.4	
6	An improved processing method for electron microscopy investigation of conjunctival biopsies. <i>Current Eye Research</i> , 1987 , 6, 943-6	2.9	
5	Menstrual cycle influences ocular surface parameters in normal and dry eye patients. <i>Acta Ophthalmologica</i> , 85 , 0-0		
4	Sex, Gender and Hormones in Dry Eye Disease. <i>European Ophthalmic Review</i> , 2019 , 13, 63	0.6	

3 Extremely Low Frequency Waves Do Not Cause Damage to the Crystalline Lens in Rats **1999**, 833-835

2 Frequent replacement and conventional daily wear soft contact lens symptomatic patients: tear film and ocular surface changes. *International Journal of Artificial Organs*, **2000**, 23, 629-36 1.9

1 Expression of activation antigens and adhesion molecules on mononuclear cells after short contact with materials for intraocular lenses. *Journal of Applied Biomaterials and Biomechanics*, **2003**, 1, 125-30