

Maurizio Fossarello

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,806
citations

257101

24
h-index

329751

37
g-index

68
all docs

68
docs citations

68
times ranked

2516
citing authors

#	ARTICLE	IF	CITATIONS
1	BIGH3 mutation spectrum in corneal dystrophies. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 949-54.	3.3	142
2	Clinical and Molecular Genetics of Leber's Congenital Amaurosis: A Multicenter Study of Italian Patients. , 2007, 48, 4284.		131
3	Meta-analysis of genome-wide association scans accounting for education level identifies additional loci for refractive error. <i>Nature Communications</i> , 2016, 7, 11008.	5.8	104
4	The Ocular Surface and the Coronavirus Disease 2019: Does a Dual "Ocular Route" Exist?. <i>Journal of Clinical Medicine</i> , 2020, 9, 1269.	1.0	90
5	Tubby-like protein-1 mutations in autosomal recessive retinitis pigmentosa. <i>Lancet</i> , The, 1998, 351, 1103-1104.	6.3	74
6	Photodynamic Therapy of Corneal Neovascularization with Verteporfin. <i>Cornea</i> , 2003, 22, 485-488.	0.9	69
7	Meta-analysis of genome-wide association studies in five cohorts reveals common variants in RFX1, a regulator of tissue-specific splicing, associated with refractive error. <i>Human Molecular Genetics</i> , 2013, 22, 2754-2764.	1.4	60
8	Ocular refraction: heritability and genome-wide search for eye morphometry traits in an isolated Sardinian population. <i>Human Genetics</i> , 2005, 116, 152-159.	1.8	59
9	Molecular and Clinical Characterization of Albinism in a Large Cohort of Italian Patients. , 2011, 52, 1281.		58
10	Safety Recommendations and Medical Liability in Ocular Surgery during the COVID-19 Pandemic: An Unsolved Dilemma. <i>Journal of Clinical Medicine</i> , 2020, 9, 1403.	1.0	48
11	The "Quarantine Dry Eye": The Lockdown for Coronavirus Disease 2019 and Its Implications for Ocular Surface Health. <i>Risk Management and Healthcare Policy</i> , 2021, Volume 14, 1629-1636.	1.2	46
12	COVID-19 and Italian Healthcare Workers From the Initial Sacrifice to the mRNA Vaccine: Pandemic Chrono-History, Epidemiological Data, Ethical Dilemmas, and Future Challenges. <i>Frontiers in Public Health</i> , 2020, 8, 591900.	1.3	45
13	Genome-Wide Meta-Analysis of Myopia and Hyperopia Provides Evidence for Replication of 11 Loci. <i>PLoS ONE</i> , 2014, 9, e107110.	1.1	40
14	A Panel of Broad-Spectrum Antivirals in Topical Ophthalmic Medications from the Drug Repurposing Approach during and after the Coronavirus Disease 2019 Era. <i>Journal of Clinical Medicine</i> , 2020, 9, 2441.	1.0	34
15	Intravitreal bevacizumab as a treatment for choroidal neovascularisation secondary to myopia: 4-year study results. <i>Canadian Journal of Ophthalmology</i> , 2012, 47, 28-33.	0.4	33
16	Fourier-Domain OCT Imaging of the Ocular Surface and Tear Film Dynamics: A Review of the State of the Art and an Integrative Model of the Tear Behavior during the Inter-Blink Period and Visual Fixation. <i>Journal of Clinical Medicine</i> , 2020, 9, 668.	1.0	33
17	Health-related quality of life in patients with primary open-angle glaucoma. An Italian multicentre observational study. <i>Acta Ophthalmologica</i> , 2016, 94, e278-e286.	0.6	32
18	Spectral-Domain Optical Coherence Tomography Study on Dynamic Changes of Human Tears After Instillation of Artificial Tears. , 2014, 55, 4533.		31

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19	Post-Mortem Corneal Thickness Measurements with a Portable Optical Coherence Tomography System: a Reliability Study. <i>Scientific Reports</i> , 2016, 6, 30428.	1.6	30
20	Hyperexpression of Low-Density Lipoprotein Receptors and Hydroxy-Methylglutaryl-Coenzyme A-Reductase in Human Pinguicula and Primary Pterygium. , 2004, 45, 3982.		29
21	A Simple Novel Technique of Infrared Meibography by Means of Spectral-Domain Optical Coherence Tomography: A Cross-Sectional Clinical Study. <i>PLoS ONE</i> , 2016, 11, e0165558.	1.1	29
22	Qualitative and quantitative analysis of filtering blebs with optical coherence tomography. <i>Canadian Journal of Ophthalmology</i> , 2014, 49, 210-216.	0.4	27
23	COVID-19 and medical liability: Italy denies the shield to its heroes. <i>EClinicalMedicine</i> , 2020, 25, 100470.	3.2	27
24	Repeatability and reproducibility of post-mortem central corneal thickness measurements using a portable optical coherence tomography system in humans: a prospective multicenter study. <i>Scientific Reports</i> , 2020, 10, 14508.	1.6	27
25	Morphological analysis of corneal findings modifications after death: A preliminary OCT study on an animal model. <i>Experimental Eye Research</i> , 2018, 169, 20-27.	1.2	26
26	The Bull's Eye Pattern of the Tear Film in Humans during Visual Fixation on En-Face Optical Coherence Tomography. <i>Scientific Reports</i> , 2019, 9, 1413.	1.6	26
27	Optical coherence tomography angiography in multiple sclerosis: A cross-sectional study. <i>PLoS ONE</i> , 2020, 15, e0236090.	1.1	26
28	A Novel Technique of Contrast-Enhanced Optical Coherence Tomography Imaging in Evaluation of Clearance of Lipids in Human Tears. <i>PLoS ONE</i> , 2014, 9, e109843.	1.1	25
29	Cognitive Impairment and Age-Related Vision Disorders: Their Possible Relationship and the Evaluation of the Use of Aspirin and Statins in a 65 Years-and-Over Sardinian Population. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 309.	1.7	25
30	Optical coherence tomography in forensic sciences: a review of the literature. <i>Forensic Science, Medicine, and Pathology</i> , 2019, 15, 445-452.	0.6	25
31	A Novel OCT Technique to Measure In Vivo the Corneal Adhesiveness for Sodium Carboxymethylcellulose in Humans and Its Validity in the Diagnosis of Dry Eye. , 2014, 55, 3179.		24
32	Dual Corneal-Graft Rejection after mRNA Vaccine (BNT162b2) for COVID-19 during the First Six Months of Follow-Up: Case Report, State of the Art and Ethical Concerns. <i>Vaccines</i> , 2021, 9, 1274.	2.1	24
33	Modulation of Cholesterol Homeostasis by Antiproliferative Drugs in Human Pterygium Fibroblasts. , 2007, 48, 3450.		23
34	Evaluation of the Adhesive Properties of the Cornea by Means of Optical Coherence Tomography in Patients with Meibomian Gland Dysfunction and Lacrimal Tear Deficiency. <i>PLoS ONE</i> , 2014, 9, e115762.	1.1	21
35	Photodynamic Therapy of Pterygium With Verteporfin. <i>Cornea</i> , 2004, 23, 330-338.	0.9	18
36	Optical coherence tomography is a useful tool in the differentiation between true edema and pseudoedema of the optic disc. <i>PLoS ONE</i> , 2018, 13, e0208145.	1.1	18

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37	Fibroblasts isolated from human pterygia exhibit altered lipid metabolism characteristics. <i>Experimental Eye Research</i> , 2006, 83, 536-542.	1.2	17
38	POLYPOIDAL CHOROIDAL VASCULOPATHY IN ASSOCIATION WITH CHOROIDAL NEVUS. <i>Retinal Cases and Brief Reports</i> , 2009, 3, 12-14.	0.3	17
39	Corneal endothelium features in Fuchs's Endothelial Corneal Dystrophy: A preliminary 3D anterior segment optical coherence tomography study. <i>PLoS ONE</i> , 2018, 13, e0207891.	1.1	14
40	The relationship between glucose-6-phosphate dehydrogenase deficiency and cataracts in Sardinia. An epidemiological and biochemical study. <i>Documenta Ophthalmologica</i> , 1984, 57, 187-201.	1.0	13
41	Rebound macular edema following oral acetazolamide therapy for juvenile X-linked retinoschisis in an Italian family. <i>Clinical Ophthalmology</i> , 2016, Volume 10, 2377-2382.	0.9	13
42	Benzodiazepines prevent kainate-induced loss of GABAergic and cholinergic neurons in the chick retina. <i>Brain Research</i> , 1981, 213, 205-210.	1.1	12
43	Glucose-6-phosphate-dehydrogenase Deficiency as a Risk Factor for Pterygium. , 2010, 51, 2928.		12
44	Amniotic membrane transplantation in the surgical management of symblepharon following toxic epidermal necrolysis. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2006, 20, 214-216.	1.3	11
45	²³ Na NMR investigation of human lenses from patients with cataracts. <i>FEBS Letters</i> , 1985, 184, 245-248.	1.3	10
46	Age-related macular degeneration and cognitive impairment show similarities in changes of neutral lipids in peripheral blood mononuclear cells. <i>Experimental Eye Research</i> , 2014, 124, 11-16.	1.2	9
47	Complete congenital stationary night blindness maps on Xp11.4 in a Sardinian family. <i>European Journal of Human Genetics</i> , 1999, 7, 574-578.	1.4	8
48	Multimodal OCT Reflectivity Analysis of the Cystoid Spaces in Cystoid Macular Edema. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	8
49	Autopsies and Asymptomatic Patients During the COVID-19 Pandemic: Balancing Risk and Reward. <i>Frontiers in Public Health</i> , 2020, 8, 595405.	1.3	8
50	The architecture of corneal stromal striae on optical coherence tomography and histology in an animal model and in humans. <i>Scientific Reports</i> , 2020, 10, 19861.	1.6	8
51	Acute Respiratory Distress Due to Verteporfin Infusion for Photodynamic Therapy. <i>JAMA Ophthalmology</i> , 2006, 124, 1509.	2.6	7
52	Resolution of pinguecula-related dry eye disease after argon laser photocoagulation. <i>International Medical Case Reports Journal</i> , 2017, Volume 10, 247-250.	0.3	7
53	Postmortem Ocular Findings in the Optical Coherence Tomography Era: A Proof of Concept Study Based on Six Forensic Cases. <i>Diagnostics</i> , 2021, 11, 413.	1.3	7
54	POLYPOIDAL CHOROIDAL VASCULOPATHY ASSOCIATED WITH TILTED DISK SYNDROME. <i>Retinal Cases and Brief Reports</i> , 2008, 2, 31-33.	0.3	6

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55	Simultaneous occlusion of three cilioretinal arteries following scleral buckling surgery under local anesthesia. <i>International Medical Case Reports Journal</i> , 2016, Volume 9, 285-290.	0.3	6
56	<p>A study of refractory cases of persistent epithelial defects associated with dry eye syndrome and recurrent corneal erosions successfully treated with cyclosporine A 0.05% eye drops</p>. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 2001-2008.	2.0	5
57	Failure to detect conjugated dienes in cataractous lenses from normal and glucose-6-phosphate dehydrogenase-deficient patients. <i>Experimental Eye Research</i> , 1985, 40, 149-153.	1.2	4
58	Use of Optical Coherence Tomography on detection of postmortem Ocular findings: pilot data from two cases.. <i>Journal of Integrated OMICS</i> , 2018, 8, .	0.5	4
59	Ocular surface and respiratory tract damages from occupational, sub-chronic exposure to fluorspar: case report and other considerations. <i>International Ophthalmology</i> , 2019, 39, 1175-1178.	0.6	4
60	Xen45 gel stent ab interno trimming for ostium occlusion: case report. <i>BMC Ophthalmology</i> , 2021, 21, 446.	0.6	4
61	Coated pits and coated vesicles in the endothelial cells of trabecular meshwork. <i>Experimental Eye Research</i> , 1982, 35, 99-106.	1.2	3
62	An uncommon case of intermittent Pourfour du Petit Syndrome associated with acute angle-closure glaucoma successfully treated by laser iridotomy. <i>International Ophthalmology</i> , 2018, 38, 1779-1781.	0.6	3
63	Optical coherence tomography angiography of central serous chorioretinopathy: quantitative evaluation of the vascular pattern and capillary flow density. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 1015-1024.	1.0	3
64	INTRAVITREAL AFLIBERCEPT IN THE TREATMENT OF POLYPOIDAL CHOROIDAL VASCULOPATHY ASSOCIATED WITH MORNING GLORY SYNDROME. <i>Retinal Cases and Brief Reports</i> , 2020, 14, 278-281.	0.3	2
65	Non-infectious uveitis burden on quality of life and work impairment assessed through different psychometric questionnaires. <i>European Journal of Ophthalmology</i> , 2022, 32, 2282-2290.	0.7	2
66	Glucose-6-phosphate-dehydrogenase deficiency as a risk factor in proliferative disorder development. <i>Nature Precedings</i> , 2009, , .	0.1	0
67	Infrared imaging of choroidal involvement in Leber’s idiopathic stellate neuroretinitis. <i>Clinical Ophthalmology</i> , 2011, 5, 999.	0.9	0
68	Abnormal Lipid Accumulation and Cluster Formation of Naive Peripheral Blood Mononuclear Cells: A Useful Tool for Early Detection of Central Nervous System Damage in Elderly. , 2017, 07, .		0