

Tommaso Rossi

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

1,120
citations

566801

15
h-index

476904

29
g-index

62
all docs

62
docs citations

62
times ranked

1365
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of anterior capsulorhexis shape, centration, size, and location on intraocular lens position: finite element model. <i>Journal of Cataract and Refractive Surgery</i> , 2022, 48, 222-229.	0.7	6
2	Management of refractory and recurrent macular holes: A comprehensive review. <i>Survey of Ophthalmology</i> , 2022, 67, 908-931.	1.7	22
3	Bilateral optic neuritis as the presenting sign of post SARS-CoV-2 acute disseminated encephalomyelitis. <i>American Journal of Ophthalmology Case Reports</i> , 2022, 25, 101273.	0.4	6
4	Human Vitreous Collagen Fragments Dimension As a Function of Vitrectomy Cut Rate. <i>Translational Vision Science and Technology</i> , 2022, 11, 29.	1.1	1
5	Silicone Oil Tamponadeâ€“Retina Contact in Highly Myopic Eyes With and Without Encircling Bands: A Computational Fluid Dynamics Study. <i>Translational Vision Science and Technology</i> , 2022, 11, 1.	1.1	4
6	A novel intraocular lens designed for sutureless scleral fixation: surgical series. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 257-262.	1.0	31
7	Autologous internal limiting membrane transplant for recurrent idiopathic macular holes. <i>European Journal of Ophthalmology</i> , 2021, 31, 656-663.	0.7	11
8	A numerical model of capsulorhexis to assess the relevance of size and position of the rhexis on the IOL decentering and tilt. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 114, 104170.	1.5	3
9	Cataract surgery practice patterns worldwide: a survey. <i>BMJ Open Ophthalmology</i> , 2021, 6, e000464.	0.8	36
10	Computational Fluid Dynamics of Intraocular Silicone Oil Tamponade. <i>Translational Vision Science and Technology</i> , 2021, 10, 22.	1.1	6
11	Prevalence of diabetes and diabetic macular edema in patients undergoing senile cataract surgery in Italy: The Diabetes and CATaract study. <i>European Journal of Ophthalmology</i> , 2020, 30, 315-320.	0.7	16
12	Diabetes and diabetic retinopathy in patients undergoing cataract surgery: a prevalence studyâ€”DiCat study report #2. <i>Acta Diabetologica</i> , 2020, 57, 645-650.	1.2	4
13	Inverted ILM-flap techniques variants for macular hole surgery: randomized clinical trial to compare retinal sensitivity and fixation stability. <i>Scientific Reports</i> , 2020, 10, 15832.	1.6	16
14	Macular hole closure patterns: an updated classification. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 2629-2638.	1.0	23
15	Pars Plana Vitrectomy and the Risk of Ocular Hypertension and Glaucoma: Where Are We?. <i>Journal of Clinical Medicine</i> , 2020, 9, 3994.	1.0	9
16	Acute disseminated encephalomyelitis after SARS-CoV-2 infection. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	3.1	163
17	Testing a Novel Device for Accurate Ultrasound Delivery During Crystalline Lens Phacoemulsification Surgery. <i>Translational Vision Science and Technology</i> , 2020, 9, 7.	1.1	1
18	Folding the internal limiting membrane flap under perfluorocarbon liquid in large, chronic and myopic macular holes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 2367-2373.	1.0	3

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19	Vitreo-macular interface disorders in retinitis pigmentosa. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 2137-2146.	1.0	13
20	Glaucoma: An Overview. , 2019, , 167-187.		1
21	Comparison of United States and International Ophthalmic Drug Pricing. Ophthalmology, 2019, 126, 1358-1365.	2.5	11
22	Visual Defects and Ageing. Sub-Cellular Biochemistry, 2019, 91, 393-434.	1.0	6
23	Autologous internal limiting membrane flap for retinal detachment due to posterior retinal tears over choroidal atrophy in highly myopic eyes. British Journal of Ophthalmology, 2019, 103, 1133-1136.	2.1	3
24	PREDICTIVE FACTORS FOR DEVELOPMENT OF NEOVASCULAR AGE-RELATED MACULAR DEGENERATION. Retina, 2018, 38, 245-252.	1.0	24
25	Does the Bursa Pre-Macularis protect the fovea from shear stress? A possible mechanical role. Experimental Eye Research, 2018, 175, 159-165.	1.2	10
26	Macular hole closure patterns associated with different internal limiting membrane flap techniques. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 1073-1078.	1.0	69
27	Ocular perfusion pressure control during pars plana vitrectomy: testing a novel device. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 2325-2330.	1.0	7
28	Hydraulic Resistance of Vitreous Cutters: The Impact of Blade Design and Cut Rate. Translational Vision Science and Technology, 2016, 5, 1.	1.1	10
29	ADJUSTABLE MACULAR BUCKLING FOR FULL-THICKNESS MACULAR HOLE WITH FOVEOSCHISIS IN HIGHLY MYOPIC EYES. Retina, 2016, 36, 709-716.	1.0	15
30	AXIAL ROTATION VITRECTOMY. Retina, 2016, 36, 1252-1259.	1.0	2
31	LASER PROPHYLACTIC TREATMENT OF THE FELLOW EYE IN GIANT RETINAL TEARS. Retina, 2016, 36, 962-966.	1.0	17
32	Modelling human eye under blast loading. Computer Methods in Biomechanics and Biomedical Engineering, 2015, 18, 107-115.	0.9	25
33	ENCIRCLING SCLERAL BUCKLING WITH INFERIOR INDENTATION FOR RECURRENT RETINAL DETACHMENT IN HIGHLY MYOPIC EYES. Retina, 2015, 35, 416-422.	1.0	12
34	Instantaneous Flow Rate of Vitreous Cutter Probes. Investigative Ophthalmology and Visual Science, 2014, 55, 8289-8294.	3.3	11
35	Ocular Perfusion Pressure During Pars Plana Vitrectomy: A Pilot Study. Investigative Ophthalmology and Visual Science, 2014, 55, 8497-8505.	3.3	13
36	FLUID DYNAMICS OF VITRECTOMY PROBES. Retina, 2014, 34, 558-567.	1.0	23

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37	A NEW VITREOUS CUTTER BLADE ENGINEERED FOR CONSTANT FLOW VITRECTOMY. <i>Retina</i> , 2014, 34, 1487-1491.	1.0	13
38	Traumatic eye injuries as a result of blunt impact: computational issues. <i>Journal of Physics: Conference Series</i> , 2014, 500, 102003.	0.3	2
39	INTRODUCING NEW VITREOUS CUTTER BLADE SHAPES. <i>Retina</i> , 2014, 34, 1896-1904.	1.0	17
40	The pathogenesis of retinal damage in human eye under impact and blast load. , 2012, , .		1
41	Primary Blast Injury to the Eye and Orbit: Finite Element Modeling. , 2012, 53, 8057.		50
42	A New Adjustable Macular Buckle Designed for Highly Myopic Eyes. <i>Retina</i> , 2012, 32, 1424-1427.	1.0	22
43	MACULAR VITREORETINAL INTERFACE ABNORMALITIES IN HIGHLY MYOPIC EYES WITH POSTERIOR STAPHYLOMA. <i>Retina</i> , 2012, 32, 1531-1538.	1.0	74
44	Ultrasound imaging velocimetry of the human vitreous. <i>Experimental Eye Research</i> , 2012, 99, 98-104.	1.2	28
45	In-Vivo Measurement of Vitreous Motion Using an Ultrasound Imaging Velocimetry Technique. , 2012, , .		0
46	The Pathogenesis of Retinal Damage in Blunt Eye Trauma: Finite Element Modeling. , 2011, 52, 3994.		70
47	INTRACOITAL SUBFOVEAL HEMORRHAGE AFTER TADALAFIL (CIALIS) PREMEDICATION: A CASE REPORT. <i>Retinal Cases and Brief Reports</i> , 2010, 4, 377-380.	0.3	0
48	Choroidal Hemorrhage Drainage Through 23-Gauge Vitrectomy Cannulas. <i>Retina</i> , 2010, 30, 174-176.	1.0	15
49	Scleral buckle removal associated with pars plana vitrectomy for recurrent retinal detachment. <i>European Journal of Ophthalmology</i> , 2009, 19, 1050-1054.	0.7	4
50	Combined pars plana vitrectomy and artificial iris diaphragm implant after globe rupture. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 439-443.	1.0	6
51	WEDGE-SHAPED LIGHT PIPE APERTURE FOR PARS PLANA VITRECTOMY. <i>Retina</i> , 2009, 29, 1201-1206.	1.0	4
52	Scleral buckle removal associated with pars plana vitrectomy for recurrent retinal detachment. <i>European Journal of Ophthalmology</i> , 2009, 19, 1050-4.	0.7	1
53	INTRAOCULAR CILIUM MASQUERADING AS A PARASITE. <i>Retinal Cases and Brief Reports</i> , 2008, 2, 70-72.	0.3	2
54	Testing the Reliability of an Eye-Dedicated Triaging System: The Rescue. <i>European Journal of Ophthalmology</i> , 2008, 18, 445-449.	0.7	18

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55	DIFFUSE RETINAL ARTERIAL OCCLUSION, NEOVASCULARIZATION, AND VITREOUS HEMORRHAGE AS THE PRESENTING SIGN OF SNEDDON SYNDROME: A 7.5-YEAR ANGIOGRAPHIC FOLLOW-UP. <i>Retinal Cases and Brief Reports</i> , 2007, 1, 89-94.	0.3	0
56	Triaging and Coding Ophthalmic Emergency - the Rome Eye Scoring System for Urgency and Emergency (RESCUE): A Pilot Study of 1000 Eye-Dedicated Emergency Room Patients. <i>European Journal of Ophthalmology</i> , 2007, 17, 413-417.	0.7	21
57	Factors Predicting Unsuccessful Big Bubble Deep Lamellar Anterior Keratoplasty. <i>Ophthalmologica</i> , 2006, 220, 379-382.	1.0	39
58	25 Gauge vitrectomy instrumentation: a different approach. <i>Seminars in Ophthalmology</i> , 2004, 19, 49-54.	0.8	4
59	SUBFOVEAL LIQUID PERFLUOROCARBON. <i>Retina</i> , 2004, 24, 172-176.	1.0	69
60	SCANNING LASER OPHTHALMOSCOPY IN THE EARLY DIAGNOSIS OF VITREORETINAL INTERFACE SYNDROME. <i>Retina</i> , 1997, 17, 300-305.	1.0	7
61	THE USE OF PANORAMIC VIEWING SYSTEM IN RELAXING RETINOTOMY AND RETINECTOMY. <i>Retina</i> , 1997, 17, 186-190.	1.0	11
62	Pars plana vitrectomy for retinal detachment due to internal posterior ophthalmomyiasis after cataract extraction. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 1997, 235, 255-258.	1.0	9