

Tommaso Rossi

List of Publications by Year in descending order

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62
papers

1,120
citations

516710

16
h-index

477307

29
g-index

62
all docs

62
docs citations

62
times ranked

1365
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute disseminated encephalomyelitis after SARS-CoV-2 infection. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	163
2	MACULAR VITREORETINAL INTERFACE ABNORMALITIES IN HIGHLY MYOPIC EYES WITH POSTERIOR STAPHYLOMA. Retina, 2012, 32, 1531-1538.	1.7	74
3	The Pathogenesis of Retinal Damage in Blunt Eye Trauma: Finite Element Modeling. , 2011, 52, 3994.		70
4	SUBFOVEAL LIQUID PERFLUOROCARBON. Retina, 2004, 24, 172-176.	1.7	69
5	Macular hole closure patterns associated with different internal limiting membrane flap techniques. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 1073-1078.	1.9	69
6	Primary Blast Injury to the Eye and Orbit: Finite Element Modeling. , 2012, 53, 8057.		50
7	Factors Predicting Unsuccessful Big Bubble Deep Lamellar Anterior Keratoplasty. Ophthalmologica, 2006, 220, 379-382.	1.9	39
8	Cataract surgery practice patterns worldwide: a survey. BMJ Open Ophthalmology, 2021, 6, e000464.	1.6	36
9	A novel intraocular lens designed for sutureless scleral fixation: surgical series. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 257-262.	1.9	31
10	Ultrasound imaging velocimetry of the human vitreous. Experimental Eye Research, 2012, 99, 98-104.	2.6	28
11	Modelling human eye under blast loading. Computer Methods in Biomechanics and Biomedical Engineering, 2015, 18, 107-115.	1.6	25
12	PREDICTIVE FACTORS FOR DEVELOPMENT OF NEOVASCULAR AGE-RELATED MACULAR DEGENERATION. Retina, 2018, 38, 245-252.	1.7	24
13	FLUID DYNAMICS OF VITRECTOMY PROBES. Retina, 2014, 34, 558-567.	1.7	23
14	Macular hole closure patterns: an updated classification. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 2629-2638.	1.9	23
15	A New Adjustable Macular Buckle Designed for Highly Myopic Eyes. Retina, 2012, 32, 1424-1427.	1.7	22
16	Management of refractory and recurrent macular holes: A comprehensive review. Survey of Ophthalmology, 2022, 67, 908-931.	4.0	22
17	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. European Journal of Ophthalmology, 2007, 17, 413-417.	1.3	21
18	Testing the Reliability of an Eye-Dedicated Triage System: The Rescue. European Journal of Ophthalmology, 2008, 18, 445-449.	1.3	18

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19	INTRODUCING NEW VITREOUS CUTTER BLADE SHAPES. Retina, 2014, 34, 1896-1904.	1.7	17
20	LASER PROPHYLACTIC TREATMENT OF THE FELLOW EYE IN GIANT RETINAL TEARS. Retina, 2016, 36, 962-966.	1.7	17
21	Prevalence of diabetes and diabetic macular edema in patients undergoing senile cataract surgery in Italy: The Diabetes and CATaract study. European Journal of Ophthalmology, 2020, 30, 315-320.	1.3	16
22	Inverted ILM-flap techniques variants for macular hole surgery: randomized clinical trial to compare retinal sensitivity and fixation stability. Scientific Reports, 2020, 10, 15832.	3.3	16
23	Choroidal Hemorrhage Drainage Through 23-Gauge Vitrectomy Cannulas. Retina, 2010, 30, 174-176.	1.7	15
24	ADJUSTABLE MACULAR BUCKLING FOR FULL-THICKNESS MACULAR HOLE WITH FOVEOSCHISIS IN HIGHLY MYOPIC EYES. Retina, 2016, 36, 709-716.	1.7	15
25	Ocular Perfusion Pressure During Pars Plana Vitrectomy: A Pilot Study. Investigative Ophthalmology and Visual Science, 2014, 55, 8497-8505.	3.3	13
26	A NEW VITREOUS CUTTER BLADE ENGINEERED FOR CONSTANT FLOW VITRECTOMY. Retina, 2014, 34, 1487-1491.	1.7	13
27	Vitreo-macular interface disorders in retinitis pigmentosa. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 2137-2146.	1.9	13
28	ENCIRCLING SCLERAL BUCKLING WITH INFERIOR INDENTATION FOR RECURRENT RETINAL DETACHMENT IN HIGHLY MYOPIC EYES. Retina, 2015, 35, 416-422.	1.7	12
29	THE USE OF PANORAMIC VIEWING SYSTEM IN RELAXING RETINOTOMY AND RETINECTOMY. Retina, 1997, 17, 186-190.	1.7	11
30	Instantaneous Flow Rate of Vitreous Cutter Probes. Investigative Ophthalmology and Visual Science, 2014, 55, 8289-8294.	3.3	11
31	Comparison of United States and International Ophthalmic Drug Pricing. Ophthalmology, 2019, 126, 1358-1365.	5.2	11
32	Autologous internal limiting membrane transplant for recurrent idiopathic macular holes. European Journal of Ophthalmology, 2021, 31, 656-663.	1.3	11
33	Hydraulic Resistance of Vitreous Cutters: The Impact of Blade Design and Cut Rate. Translational Vision Science and Technology, 2016, 5, 1.	2.2	10
34	Does the Bursa Pre-Macularis protect the fovea from shear stress? A possible mechanical role. Experimental Eye Research, 2018, 175, 159-165.	2.6	10
35	Pars plana vitrectomy for retinal detachment due to internal posterior ophthalmomyiasis after cataract extraction. Graefe's Archive for Clinical and Experimental Ophthalmology, 1997, 235, 255-258.	1.9	9
36	Pars Plana Vitrectomy and the Risk of Ocular Hypertension and Glaucoma: Where Are We?. Journal of Clinical Medicine, 2020, 9, 3994.	2.4	9

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37	SCANNING LASER OPHTHALMOSCOPY IN THE EARLY DIAGNOSIS OF VITREORETINAL INTERFACE SYNDROME. Retina, 1997, 17, 300-305.	1.7	7
38	Ocular perfusion pressure control during pars plana vitrectomy: testing a novel device. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 2325-2330.	1.9	7
39	Combined pars plana vitrectomy and artificial iris diaphragm implant after globe rupture. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 439-443.	1.9	6
40	Visual Defects and Ageing. Sub-Cellular Biochemistry, 2019, 91, 393-434.	2.4	6
41	Influence of anterior capsulorhexis shape, centration, size, and location on intraocular lens position: finite element model. Journal of Cataract and Refractive Surgery, 2022, 48, 222-229.	1.5	6
42	Computational Fluid Dynamics of Intraocular Silicone Oil Tamponade. Translational Vision Science and Technology, 2021, 10, 22.	2.2	6
43	Bilateral optic neuritis as the presenting sign of post SARS-CoV-2 acute disseminated encephalomyelitis. American Journal of Ophthalmology Case Reports, 2022, 25, 101273.	0.7	6
44	25 Gauge vitrectomy instrumentation: a different approach. Seminars in Ophthalmology, 2004, 19, 49-54.	1.6	4
45	Scleral buckle removal associated with pars plana vitrectomy for recurrent retinal detachment. European Journal of Ophthalmology, 2009, 19, 1050-1054.	1.3	4
46	WEDGE-SHAPED LIGHT PIPE APERTURE FOR PARS PLANA VITRECTOMY. Retina, 2009, 29, 1201-1206.	1.7	4
47	Diabetes and diabetic retinopathy in patients undergoing cataract surgery: a prevalence studyâ€”DiCat study report #2. Acta Diabetologica, 2020, 57, 645-650.	2.5	4
48	Silicone Oil Tamponadeâ€”Retina Contact in Highly Myopic Eyes With and Without Encircling Bands: A Computational Fluid Dynamics Study. Translational Vision Science and Technology, 2022, 11, 1.	2.2	4
49	Folding the internal limiting membrane flap under perfluorocarbon liquid in large, chronic and myopic macular holes. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 2367-2373.	1.9	3
50	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.	3.9	3
51	A numerical model of capsulorhexis to assess the relevance of size and position of the rhexis on the IOL decentring and tilt. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 114, 104170.	3.1	3
52	INTRAOCULAR CILIUM MASQUERADING AS A PARASITE. Retinal Cases and Brief Reports, 2008, 2, 70-72.	0.6	2
53	Traumatic eye injuries as a result of blunt impact: computational issues. Journal of Physics: Conference Series, 2014, 500, 102003.	0.4	2
54	AXIAL ROTATION VITRECTOMY. Retina, 2016, 36, 1252-1259.	1.7	2

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55	The pathogenesis of retinal damage in human eye under impact and blast load. , 2012, , .		1
56	Glaucoma: An Overview. , 2019, , 167-187.		1
57	Testing a Novel Device for Accurate Ultrasound Delivery During Crystalline Lens Phacoemulsification Surgery. Translational Vision Science and Technology, 2020, 9, 7.	2.2	1
58	Scleral buckle removal associated with pars plana vitrectomy for recurrent retinal detachment. European Journal of Ophthalmology, 2009, 19, 1050-4.	1.3	1
59	Human Vitreous Collagen Fragments Dimension As a Function of Vitrectomy Cut Rate. Translational Vision Science and Technology, 2022, 11, 29.	2.2	1
60	DIFFUSE RETINAL ARTERIAL OCCLUSION, NEOVASCULARIZATION, AND VITREOUS HEMORRHAGE AS THE PRESENTING SIGN OF SNEDDON SYNDROME: A 7.5-YEAR ANGIOGRAPHIC FOLLOW-UP. Retinal Cases and Brief Reports, 2007, 1, 89-94.	0.6	0
61	INTRACOITAL SUBFOVEAL HEMORRHAGE AFTER TADALAFIL (CIALIS) PREMEDICATION: A CASE REPORT. Retinal Cases and Brief Reports, 2010, 4, 377-380.	0.6	0
62	In-Vivo Measurement of Vitreous Motion Using an Ultrasound Imaging Velocimetry Technique. , 2012, , .		0