

# Tommaso Rossi

## 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.

61  
papers

751  
citations

14  
h-index

25  
g-index

62  
ext. papers

925  
ext. citations

3.3  
avg, IF

4.21  
L-index

#	Paper	IF	Citations
61	Acute disseminated encephalomyelitis after SARS-CoV-2 infection. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2020</b> , 7,	9.1	120
60	Subfoveal liquid perfluorocarbon. <i>Retina</i> , <b>2004</b> , 24, 172-6	3.6	57
59	Macular vitreoretinal interface abnormalities in highly myopic eyes with posterior staphyloma: 5-year follow-up. <i>Retina</i> , <b>2012</b> , 32, 1531-8	3.6	54
58	The pathogenesis of retinal damage in blunt eye trauma: finite element modeling <b>2011</b> , 52, 3994-4002		51
57	Macular hole closure patterns associated with different internal limiting membrane flap techniques. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2017</b> , 255, 1073-1078	3.8	46
56	Primary blast injury to the eye and orbit: finite element modeling <b>2012</b> , 53, 8057-66		39
55	Factors predicting unsuccessful big bubble deep lamellar anterior keratoplasty. <i>Ophthalmologica</i> , <b>2006</b> , 220, 379-82	3.7	30
54	Ultrasound imaging velocimetry of the human vitreous. <i>Experimental Eye Research</i> , <b>2012</b> , 99, 98-104	3.7	25
53	Modelling human eye under blast loading. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2015</b> , 18, 107-15	2.1	21
52	Fluid dynamics of vitrectomy probes. <i>Retina</i> , <b>2014</b> , 34, 558-67	3.6	21
51	A new adjustable macular buckle designed for highly myopic eyes. <i>Retina</i> , <b>2012</b> , 32, 1424-7	3.6	18
50	A novel intraocular lens designed for sutureless scleral fixation: surgical series. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2021</b> , 259, 257-262	3.8	17
49	PREDICTIVE FACTORS FOR DEVELOPMENT OF NEOVASCULAR AGE-RELATED MACULAR DEGENERATION: A Spectral-Domain Optical Coherence Tomography Study. <i>Retina</i> , <b>2018</b> , 38, 245-252	3.6	16
48	Introducing new vitreous cutter blade shapes: a fluid dynamics study. <i>Retina</i> , <b>2014</b> , 34, 1896-904	3.6	15
47	Choroidal hemorrhage drainage through 23-gauge vitrectomy cannulas. <i>Retina</i> , <b>2010</b> , 30, 174-6	3.6	14
46	ADJUSTABLE MACULAR BUCKLING FOR FULL-THICKNESS MACULAR HOLE WITH FOVEOSCHISIS IN HIGHLY MYOPIC EYES: Long-Term Anatomical and Functional Results. <i>Retina</i> , <b>2016</b> , 36, 709-16	3.6	14
45	A new vitreous cutter blade engineered for constant flow vitrectomy. <i>Retina</i> , <b>2014</b> , 34, 1487-91	3.6	12

44	Testing the reliability of an eye-dedicated triaging system: the RESCUE. <i>European Journal of Ophthalmology</i> , <b>2008</b> , 18, 445-9	1.9	11
43	Triaging and coding ophthalmic emergency: the Rome Eye Scoring System for Urgency and Emergency (RESCUE): a pilot study of 1,000 eye-dedicated emergency room patients. <i>European Journal of Ophthalmology</i> , <b>2007</b> , 17, 413-7	1.9	11
42	Instantaneous flow rate of vitreous cutter probes. <i>Investigative Ophthalmology and Visual Science</i> , <b>2014</b> , 55, 8289-94		10
41	Encircling scleral buckling with inferior indentation for recurrent retinal detachment in highly myopic eyes. <i>Retina</i> , <b>2015</b> , 35, 416-22	3.6	9
40	Ocular perfusion pressure during pars plana vitrectomy: a pilot study. <i>Investigative Ophthalmology and Visual Science</i> , <b>2014</b> , 55, 8497-505		9
39	Hydraulic Resistance of Vitreous Cutters: The Impact of Blade Design and Cut Rate. <i>Translational Vision Science and Technology</i> , <b>2016</b> , 5, 1	3.3	9
38	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> , <b>2020</b> , 30, 315-320	1.9	9
37	Does the Bursa Pre-Macularis protect the fovea from shear stress? A possible mechanical role. <i>Experimental Eye Research</i> , <b>2018</b> , 175, 159-165	3.7	9
36	The use of panoramic viewing system in relaxing retinotomy and retinectomy. <i>Retina</i> , <b>1997</b> , 17, 186-90	3.6	8
35	Pars plana vitrectomy for retinal detachment due to internal posterior ophthalmomyiasis after cataract extraction. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>1997</b> , 235, 255-8	3.8	8
34	Vitreo-macular interface disorders in retinitis pigmentosa. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2019</b> , 257, 2137-2146	3.8	7
33	Inverted ILM-flap techniques variants for macular hole surgery: randomized clinical trial to compare retinal sensitivity and fixation stability. <i>Scientific Reports</i> , <b>2020</b> , 10, 15832	4.9	7
32	Macular hole closure patterns: an updated classification. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 258, 2629-2638	3.8	7
31	Autologous internal limiting membrane transplant for recurrent idiopathic macular holes. <i>European Journal of Ophthalmology</i> , <b>2021</b> , 31, 656-663	1.9	7
30	Ocular perfusion pressure control during pars plana vitrectomy: testing a novel device. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2017</b> , 255, 2325-2330	3.8	6
29	LASER PROPHYLACTIC TREATMENT OF THE FELLOW EYE IN GIANT RETINAL TEARS: Long-Term Follow-up. <i>Retina</i> , <b>2016</b> , 36, 962-6	3.6	6
28	Comparison of United States and International Ophthalmic Drug Pricing. <i>Ophthalmology</i> , <b>2019</b> , 126, 1358-1365	3.3	5
27	Scanning laser ophthalmoscopy in the early diagnosis of vitreoretinal interface syndrome. <i>Retina</i> , <b>1997</b> , 17, 300-5	3.6	5

26	Visual Defects and Ageing. <i>Sub-Cellular Biochemistry</i> , <b>2019</b> , 91, 393-434	5.5	4
25	Scleral buckle removal associated with pars plana vitrectomy for recurrent retinal detachment. <i>European Journal of Ophthalmology</i> , <b>2009</b> , 19, 1050-1054	1.9	4
24	Combined pars plana vitrectomy and artificial iris diaphragm implant after globe rupture. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2009</b> , 247, 439-43	3.8	4
23	25 Gauge vitrectomy instrumentation: a different approach. <i>Seminars in Ophthalmology</i> , <b>2004</b> , 19, 49-54	2.4	4
22	Wedge-shaped light pipe aperture for pars plana vitrectomy. <i>Retina</i> , <b>2009</b> , 29, 1201-6	3.6	3
21	Folding the internal limiting membrane flap under perfluorocarbon liquid in large, chronic and myopic macular holes. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2019</b> , 257, 2367-2373	3.8	2
20	Management of refractory and recurrent macular holes: A comprehensive review.. <i>Survey of Ophthalmology</i> , <b>2022</b> ,	6.1	2
19	Influence of Anterior Capsulorhexis Shape, Centration, Size and Location on Intraocular Lens Position: A Finite Element Model. <i>Journal of Cataract and Refractive Surgery</i> , <b>2021</b> ,	2.3	2
18	AXIAL ROTATION VITRECTOMY: Back to the Future? the Fluidics of a Prototype Vitreous Cutter Probe. <i>Retina</i> , <b>2016</b> , 36, 1252-9	3.6	2
17	Autologous internal limiting membrane flap for retinal detachment due to posterior retinal tears over choroidal atrophy in highly myopic eyes. <i>British Journal of Ophthalmology</i> , <b>2019</b> , 103, 1133-1136	5.5	2
16	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> , <b>2021</b> , 114, 104170	4.1	2
15	Testing a Novel Device for Accurate Ultrasound Delivery During Crystalline Lens Phacoemulsification Surgery. <i>Translational Vision Science and Technology</i> , <b>2020</b> , 9, 7	3.3	1
14	Traumatic eye injuries as a result of blunt impact: computational issues. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 500, 102003	0.3	1
13	The pathogenesis of retinal damage in human eye under impact and blast load <b>2012</b> ,		1
12	Intraocular cilium masquerading as a parasite. <i>Retinal Cases and Brief Reports</i> , <b>2008</b> , 2, 70-2	1.1	1
11	Pars Plana Vitrectomy and the Risk of Ocular Hypertension and Glaucoma: Where Are We?. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	1
10	Cataract surgery practice patterns worldwide: a survey. <i>BMJ Open Ophthalmology</i> , <b>2021</b> , 6, e000464	3.2	1
9	Computational Fluid Dynamics of Intraocular Silicone Oil Tamponade. <i>Translational Vision Science and Technology</i> , <b>2021</b> , 10, 22	3.3	1

8	Bilateral optic neuritis as the presenting sign of post SARS-CoV-2 acute disseminated encephalomyelitis.. <i>American Journal of Ophthalmology Case Reports</i> , <b>2022</b> , 101273	1.3	○
7	Diabetes and diabetic retinopathy in patients undergoing cataract surgery: a prevalence study-DiCat study report #2. <i>Acta Diabetologica</i> , <b>2020</b> , 57, 645-650	3.9	○
6	Silicone Oil TamponadeRetina Contact in Highly Myopic Eyes With and Without Encircling Bands: A Computational Fluid Dynamics Study. <i>Translational Vision Science and Technology</i> , <b>2022</b> , 11, 1	3.3	○
5	Glaucoma: An Overview <b>2019</b> , 167-187		
4	Intracoital subfoveal hemorrhage after tadalafil (cialis) premedication: a case report. <i>Retinal Cases and Brief Reports</i> , <b>2010</b> , 4, 377-80	1.1	
3	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> , <b>2007</b> , 1, 89-94	1.1	
2	Scleral buckle removal associated with pars plana vitrectomy for recurrent retinal detachment. <i>European Journal of Ophthalmology</i> , <b>2009</b> , 19, 1050-4	1.9	
1	Human Vitreous Collagen Fragments Dimension As a Function of Vitrectomy Cut Rate.. <i>Translational Vision Science and Technology</i> , <b>2022</b> , 11, 29	3.3	