Gianmarco Vizzeri

List of Publications by Year in descending order

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32 papers	1,156 citations	430874 18 h-index	501196 28 g-index
32 all docs	32 docs citations	32 times ranked	1153 citing authors

#	Article	IF	Citations
1	Reproducibility of RTVue Retinal Nerve Fiber Layer Thickness and Optic Disc Measurements and Agreement with Stratus Optical Coherence Tomography Measurements. American Journal of Ophthalmology, 2009, 147, 1067-1074.e1.	3.3	198
2	Effect of image quality on tissue thickness measurements obtained with spectral domain-optical coherence tomography. Optics Express, 2009, 17, 4019.	3.4	81
3	Effect of Signal Strength and Improper Alignment on the Variability of Stratus Optical Coherence Tomography Retinal Nerve Fiber Layer Thickness Measurements. American Journal of Ophthalmology, 2009, 148, 249-255.e1.	3.3	75
4	Cataract surgery and glaucoma. Current Opinion in Ophthalmology, 2010, 21, 20-24.	2.9	73
5	The Effect of Microgravity on Ocular Structures and Visual Function: A Review. Survey of Ophthalmology, 2013, 58, 155-163.	4.0	72
6	Effect of Improper Scan Alignment on Retinal Nerve Fiber Layer Thickness Measurements Using Stratus Optical Coherence Tomograph. Journal of Glaucoma, 2008, 17, 341-349.	1.6	65
7	Spectral domain-optical coherence tomography to detect localized retinal nerve fiber layer defects in glaucomatous eyes. Optics Express, 2009, 17, 4004.	3.4	62
8	Ocular Outcomes Comparison Between 14- and 70-Day Head-Down-Tilt Bed Rest. , 2016, 57, 495.		57
9	Effects of shortâ€term mild hypercapnia during headâ€down tilt on intracranial pressure and ocular structures in healthy human subjects. Physiological Reports, 2017, 5, e13302.	1.7	55
10	Factors Affecting Cirrus-HD OCT Optic Disc Scan Quality: A Review with Case Examples. Journal of Ophthalmology, 2015, 2015, 1-16.	1.3	40
11	Diagnostic Accuracy of Pattern Electroretinogram Optimized for Glaucoma Detection. Ophthalmology, 2009, 116, 437-443.	5.2	34
12	Neuronal Epac1 mediates retinal neurodegeneration in mouse models of ocular hypertension. Journal of Experimental Medicine, 2020, 217, .	8.5	31
13	Ocular Outcomes Evaluation in a 14-Day Head-Down Bed Rest Study. Aviation, Space, and Environmental Medicine, 2014, 85, 983-992.	0.5	30
14	Clinicians Agreement in Establishing Glaucomatous Progression Using the Heidelberg Retina Tomograph. Ophthalmology, 2009, 116, 14-24.	5.2	29
15	Repeatability of Pattern Electroretinogram Measurements Using a New Paradigm Optimized for Glaucoma Detection. Journal of Glaucoma, 2009, 18, 437-442.	1.6	28
16	Correlation Among Choroidal, Parapapillary, and Retrobulbar Vascular Parameters in Glaucoma. American Journal of Ophthalmology, 2009, 147, 736-743.e2.	3.3	26
17	Effects of 30-Day Head-Down Bed Rest on Ocular Structures and Visual Function in a Healthy Subject. Aviation, Space, and Environmental Medicine, 2013, 84, 148-154.	0.5	26
18	Intraocular Pressure and Steep Trendelenburg During Minimally Invasive Gynecologic Surgery: Is There a Risk?. Journal of Minimally Invasive Gynecology, 2013, 20, 819-824.	0.6	24

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19	Association of Visual Field Severity and Parapapillary Retinal Blood Flow in Open-Angle Glaucoma. Journal of Glaucoma, 2010, 19, 293-298.	1.6	24
20	Determinants of Agreement between the Confocal Scanning Laser Tomograph and Standardized Assessment of Glaucomatous Progression. Ophthalmology, 2010, 117, 1953-1959.	5.2	18
21	Role of imaging in glaucoma diagnosis and follow-up. Indian Journal of Ophthalmology, 2011, 59, 59.	1.1	18
22	Effect of Motion Artifacts and Scan Circle Displacements on Cirrus HD-OCT Retinal Nerve Fiber Layer Thickness Measurements. , 2014, 55, 2251.		16
23	Decreased Vascular Patterning in the Retinas of Astronaut Crew Members as New Measure of Ocular Damage in Spaceflight-Associated Neuro-ocular Syndrome. , 2020, 61, 34.		16
24	Opposite response of blood vessels in the retina to 6Â° head-down tilt and long-duration microgravity. Npj Microgravity, 2021, 7, 38.	3.7	12
25	Scan Tracking Coordinates for Improved Centering of Stratus OCT Scan Pattern. Journal of Glaucoma, 2009, 18, 81-87.	1.6	11
26	Effect of Operator and Optical Defocus on the Variability of Pattern Electroretinogram Optimized for Glaucoma Detection (PERGLA). Journal of Glaucoma, 2010, 19, 77-82.	1.6	9
27	Vascular Patterning as Integrative Readout of Complex Molecular and Physiological Signaling by VESsel GENeration Analysis. Journal of Vascular Research, 2021, 58, 1-24.	1.4	9
28	Ophthalmological Evaluation of Integrated Resistance and Aerobic Training During 70-Day Bed Rest. Aerospace Medicine and Human Performance, 2017, 88, 633-640.	0.4	8
29	Correlation and Agreement Between Cirrus HD-OCT â€œRNFL Thickness Mapâ€•and Scan Circle Retinal Nerve Fiber Layer Thickness Measurements. Journal of Glaucoma, 2016, 25, 208-216.	1.6	3
30	Utilization of Portable Radios to Improve Ophthalmology Clinic Efficiency in an Academic Setting. Journal of Medical Systems, 2016, 40, 64.	3.6	3
31	Response to Comment on the Article Entitled â€œEffect of Improper Scan Alignment on Retinal Nerve Fiber Layer Thickness Measurements Using Stratus Optical Coherence Tomographâ€•by Vizzeri G, et al Published in J Glaucoma. 2008;17. Journal of Glaucoma, 2015, 24, 334.	1.6	2
32	FK506 Treatment Prevents Retinal Nerve Fiber Layer Thinning in Organ-Transplanted Glaucoma Patients: A Retrospective Longitudinal Study. Cureus, 2021, 13, e18192.	0.5	1