

Vikas Gulati

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

236
citations

1684188

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h-index

1372567

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g-index

25
all docs

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docs citations

25
times ranked

310
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel 8-mm Schlemm's Canal Scaffold Reduces Outflow Resistance in a Human Anterior Segment Perfusion Model. , 2013, 54, 1698.		49
2	Diurnal and Nocturnal Variations in Aqueous Humor Dynamics of Patients With Ocular Hypertension Undergoing Medical Therapy. JAMA Ophthalmology, 2012, 130, 677-84.	2.4	44
3	Mechanism of Action of Selective Laser Trabeculoplasty and Predictors of Response. , 2017, 58, 1462.		41
4	Comparison of Aqueous Outflow Facility Measurement by Pneumatography and Digital Schiötz Tonography. , 2017, 58, 204.		20
5	Genetic correlations between intraocular pressure, blood pressure and primary open-angle glaucoma: a multi-cohort analysis. European Journal of Human Genetics, 2017, 25, 1261-1267.	2.8	18
6	High-resolution adaptive optics findings in talc retinopathy. International Journal of Retina and Vitreous, 2015, 1, 10.	1.9	8
7	The Water-Drinking Test Revisited: An Analysis of Test Results in Subjects with Glaucoma. Seminars in Ophthalmology, 2018, 33, 517-524.	1.6	8
8	Correlations between Parameters of Aqueous Humor Dynamics and the Influence of Central Corneal Thickness. , 2011, 52, 920.		7
9	The Effects of Acute Intracranial Pressure Changes on the Episcleral Venous Pressure, Retinal Vein Diameter and Intraocular Pressure in a Pig Model. Current Eye Research, 2021, 46, 524-531.	1.5	7
10	An Experimental Steroid Responsive Model of Ocular Inflammation in Rabbits Using an SLT Frequency Doubled Q Switched Nd:YAG Laser. Journal of Ocular Pharmacology and Therapeutics, 2013, 29, 663-669.	1.4	5
11	Effect of Near Work on Intraocular Pressure in Emmetropes. Journal of Ophthalmology, 2020, 2020, 1-5.	1.3	5
12	Differences in ocular biometrics and aqueous humour dynamics between Chinese and Caucasian adults. British Journal of Ophthalmology, 2019, 103, bjophthalmol-2018-313132.	3.9	4
13	Glaucomatous visual fields and neurocognitive function are independently associated with poor lane maintenance during driving simulation. BMC Ophthalmology, 2020, 20, 419.	1.4	4
14	Predictors of Intraocular Pressure Lowering after Phacoemulsification and iStent Implantation. Ophthalmology Glaucoma, 2021, 4, 139-148.	1.9	4
15	Pneumatometer Accuracy Using Manometric Measurements after Radial Keratotomy, Clear Corneal Incisions and Lamellar Dissection in Porcine Eyes. Current Eye Research, 2020, 45, 1-6.	1.5	3
16	What do patients with glaucoma see: a novel iPad app to improve glaucoma patient awareness of visual field loss. British Journal of Ophthalmology, 2022, 106, 218-222.	3.9	3
17	The Effects of Topical Timolol and Latanoprost on Calculated Ocular Perfusion Pressure in Nonglaucomatous Volunteers. Journal of Ocular Pharmacology and Therapeutics, 2021, 37, 565-574.	1.4	2
18	Design of an Automated Measurement System for Episcleral Venous Pressure. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Comparing the trabecular outflow by the response to topical pilocarpine in patients with and without glaucoma filtering surgery. Japanese Journal of Ophthalmology, 2020, 64, 591-596.	1.9	1
20	Design of a Portable Venomanometer System for Episcleral Venous Pressure Measurement. , 2020, , .		1
21	Effects of Acute Intracranial Pressure Changes on Optic Nerve Head Morphology in Humans and Pig Model. Current Eye Research, 2022, 47, 304-311.	1.5	1
22	Effect of a Schlemmâ€™s Canal Microstent on Postoperative Intraocular Pressure Elevation after Cataract Surgery. Ophthalmology, 2020, 127, 1311-1312.	5.2	0
23	Mapping glaucomatous visual fields during panoramic driving simulation. Journal of Vision, 2018, 18, 729.	0.3	0