

Shunsuke Nakakura

List of Publications by Year in descending order

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86
papers

1,181
citations

394421

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477307

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87
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docs citations

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times ranked

1097
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in choroidal thickness after cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2014, 40, 184-191.	1.5	61
2	The Relationship between Corvis ST Tonometry Measured Corneal Parameters and Intraocular Pressure, Corneal Thickness and Corneal Curvature. <i>PLoS ONE</i> , 2015, 10, e0140385.	2.5	54
3	Icare [®] rebound tonometers: review of their characteristics and ease of use. <i>Clinical Ophthalmology</i> , 2018, Volume 12, 1245-1253.	1.8	52
4	Relation Between Office Intraocular Pressure and 24-hour Intraocular Pressure in Patients With Primary Open-angle Glaucoma Treated With a Combination of Topical Antiglaucoma Eye Drops. <i>Journal of Glaucoma</i> , 2007, 16, 201-204.	1.6	50
5	Deep-learning Classifier With an Ultrawide-field Scanning Laser Ophthalmoscope Detects Glaucoma Visual Field Severity. <i>Journal of Glaucoma</i> , 2018, 27, 647-652.	1.6	50
6	Agreement among Goldmann applanation tonometer, iCare, and Icare PRO rebound tonometers; non-contact tonometer; and Tonopen XL in healthy elderly subjects. <i>International Ophthalmology</i> , 2018, 38, 687-696.	1.4	45
7	Risk Factors for Local Recurrence or Metastasis of Eyelid Sebaceous Gland Carcinoma After Wide Excision With Paraffin Section Control. <i>American Journal of Ophthalmology</i> , 2016, 171, 67-74.	3.3	40
8	Latanoprost Therapy After Sunken Eyes Caused by Travoprost or Bimatoprost. <i>Optometry and Vision Science</i> , 2011, 88, 1140-1144.	1.2	34
9	The Relationship between Corvis ST Tonometry and Ocular Response Analyzer Measurements in Eyes with Glaucoma. <i>PLoS ONE</i> , 2016, 11, e0161742.	2.5	34
10	Changes in Corneal Biomechanics and Intraocular Pressure Following Cataract Surgery. <i>American Journal of Ophthalmology</i> , 2018, 195, 26-35.	3.3	34
11	Prostaglandin-associated periorbitopathy in latanoprost users. <i>Clinical Ophthalmology</i> , 2014, 9, 51.	1.8	31
12	Comparison of anterior chamber depth measurements by 3-dimensional optical coherence tomography, partial coherence interferometry biometry, Scheimpflug rotating camera imaging, and ultrasound biomicroscopy. <i>Journal of Cataract and Refractive Surgery</i> , 2012, 38, 1207-1213.	1.5	30
13	The usefulness of CorvisST Tonometry and the Ocular Response Analyzer to assess the progression of glaucoma. <i>Scientific Reports</i> , 2017, 7, 40798.	3.3	30
14	Time Course of Conjunctival Hyperemia Induced by a Rho-kinase Inhibitor Anti-glaucoma Eye Drop: Ripasudil 0.4%. <i>Current Eye Research</i> , 2017, 42, 738-742.	1.5	30
15	Accuracy of a deep convolutional neural network in detection of retinitis pigmentosa on ultrawide-field images. <i>PeerJ</i> , 2019, 7, e6900.	2.0	30
16	A Pilot Evaluation Assessing the Ease of Use and Accuracy of the New Self/Home-Tonometer IcareHOME in Healthy Young Subjects. <i>Journal of Glaucoma</i> , 2016, 25, 835-841.	1.6	25
17	Intradvice and Interdevice Agreement Between a Rebound Tonometer, Icare PRO, and the Tonopen XL and Kowa Hand-held Applanation Tonometer When Used in the Sitting and Supine Position. <i>Journal of Glaucoma</i> , 2015, 24, 515-521.	1.6	24
18	Evaluation of offset of conjunctival hyperemia induced by a Rho-kinase inhibitor; 0.4% Ripasudil ophthalmic solution clinical trial. <i>Scientific Reports</i> , 2019, 9, 3755.	3.3	22

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19	Differences in Common Orbital Blowout Fracture Sites by Age. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 893e-901e.	1.4	19
20	Comparison of the Intraocular Pressure Measured Using the New Rebound Tonometer Icare ic100 and Icare TA01i or Goldmann Applanation Tonometer. <i>Journal of Glaucoma</i> , 2019, 28, 172-177.	1.6	19
21	Relationship between novel intraocular pressure measurement from Corvis ST and central corneal thickness and corneal hysteresis. <i>British Journal of Ophthalmology</i> , 2020, 104, 563-568.	3.9	19
22	Exacerbation of branch retinal vein occlusion post SARS-CoV2 vaccination. <i>Medicine (United States)</i> , 2021, 100, e28236.	1.0	19
23	Intraocular Pressure of Supine Patients Using Four Portable Tonometers. <i>Optometry and Vision Science</i> , 2013, 90, 700-706.	1.2	18
24	Cataract surgery causes biomechanical alterations to the eye detectable by Corvis ST tonometry. <i>PLoS ONE</i> , 2017, 12, e0171941.	2.5	18
25	Association between Corneal Biomechanical Properties with Ocular Response Analyzer and Also CorvisST Tonometry, and Glaucomatous Visual Field Severity. <i>Translational Vision Science and Technology</i> , 2017, 6, 18.	2.2	17
26	The Relationship Between Corvis ST Tonometry Parameters and Ocular Response Analyzer Corneal Hysteresis. <i>Journal of Glaucoma</i> , 2020, 29, 479-484.	1.6	17
27	Selective Laser Trabeculoplasty for Glaucoma After Penetrating Keratoplasty. <i>Optometry and Vision Science</i> , 2009, 86, e404-e406.	1.2	15
28	Changes in choroidal thickness in patients with diabetic retinopathy. <i>International Ophthalmology</i> , 2018, 38, 279-286.	1.4	15
29	Changes in Prostaglandin-associated Periorbital Syndrome After Switch from Conventional Prostaglandin F2 α Treatment to Omidenepag Isopropyl in 11 Consecutive Patients. <i>Journal of Glaucoma</i> , 2020, 29, 326-328.	1.6	14
30	One-Year Follow-Up Study of Changes in Prostaglandin-Associated Periorbital Syndrome After Switch From Conventional Prostaglandin F2 α to Omidenepag Isopropyl. <i>Cureus</i> , 2020, 12, e10064.	0.5	14
31	Comparison of the anterior chamber angle structure between children and adults. <i>Journal of AAPOS</i> , 2017, 21, 57-62.	0.3	13
32	Usability and reproducibility of tear meniscus values generated via swept-source optical coherence tomography and the slit lamp with a graticule method. <i>International Ophthalmology</i> , 2018, 38, 679-686.	1.4	13
33	Cross-Sectional Study of the Association between a Deepening of the Upper Eyelid Sulcus-Like Appearance and Wide-Open Eyes. <i>PLoS ONE</i> , 2014, 9, e96249.	2.5	13
34	Effect of travoprost on 24-hour intraocular pressure in normal tension glaucoma. <i>Clinical Ophthalmology</i> , 2010, 4, 643.	1.8	12
35	The effect of air pulse-driven whole eye motion on the association between corneal hysteresis and glaucomatous visual field progression. <i>Scientific Reports</i> , 2018, 8, 2969.	3.3	12
36	Determination of iris thickness development in children using swept-source anterior-segment optical coherence tomography. <i>PLoS ONE</i> , 2019, 14, e0217656.	2.5	11

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37	Repeatability of the Novel Intraocular Pressure Measurement From Corvis ST. <i>Translational Vision Science and Technology</i> , 2019, 8, 48.	2.2	11
38	Effects of corneal thickness and axial length on intraocular pressure and ocular pulse amplitude before and after cataract surgery. <i>Canadian Journal of Ophthalmology</i> , 2011, 46, 242-246.	0.7	10
39	Severity Classification of Conjunctival Hyperaemia by Deep Neural Network Ensembles. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-10.	1.3	10
40	Treatment outcomes in the neovascular glaucoma tube versus trabeculectomy study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 3067-3076.	1.9	10
41	Evaluation of rebound tonometer iCare IC200 as compared with IcarePRO and Goldmann applanation tonometer in patients with glaucoma. <i>Eye and Vision (London, England)</i> , 2021, 8, 25.	3.0	10
42	Time course of conjunctival hyperemia induced by omidenepag isopropyl ophthalmic solution 0.002%: a pilot, comparative study versus ripasudil 0.4%. <i>BMJ Open Ophthalmology</i> , 2020, 5, e000538.	1.6	9
43	Evaluation of early medication persistence with omidenepag isopropyl, a topical selective prostaglandin EP2 agonist, in patients with glaucoma: a retrospective two-institute study. <i>BMJ Open</i> , 2021, 11, e040301.	1.9	9
44	Comparison of the latanoprost 0.005%/timolol 0.5% + brinzolamide 1% versus dorzolamide 1%/timolol 0.5% + latanoprost 0.005%: a 12-week, randomized open-label trial. <i>Clinical Ophthalmology</i> , 2012, 6, 369.	1.8	8
45	Using CorvisST tonometry to assess glaucoma progression. <i>PLoS ONE</i> , 2017, 12, e0176380.	2.5	8
46	Iris Thickness and Severity of Neovascular Glaucoma Determined Using Swept-Source Anterior-segment Optical Coherence Tomography. <i>Journal of Glaucoma</i> , 2018, 27, 415-420.	1.6	8
47	The Relationship Between Corneal Hysteresis and Progression of Glaucoma After Trabeculectomy. <i>Journal of Glaucoma</i> , 2020, 29, 912-917.	1.6	8
48	Evaluation of Corneal Displacement Using High-Speed Photography at the Early and Late Phases of Noncontact Tonometry. , 2013, 54, 2474.		7
49	The Whole Macular Choroidal Thickness in Subjects with Primary Open Angle Glaucoma. <i>PLoS ONE</i> , 2014, 9, e110265.	2.5	7
50	The Relationship between the Waveform Parameters from the Ocular Response Analyzer and the Progression of Glaucoma. <i>Ophthalmology Glaucoma</i> , 2018, 1, 123-131.	1.9	7
51	Correlation between elastic energy stored in an eye and visual field progression in glaucoma. <i>PLoS ONE</i> , 2018, 13, e0204451.	2.5	7
52	Association between optic nerve head morphology in open-angle glaucoma and corneal biomechanical parameters measured with Corvis ST. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 629-637.	1.9	7
53	Bimatoprost-induced late-onset choroidal detachment after trabeculectomy. <i>Medicine (United States)</i> , 2017, 96, e5927.	1.0	6
54	The relationship between retinal nerve fibre layer thickness profiles and CorvisST tonometry measured biomechanical properties in young healthy subjects. <i>Scientific Reports</i> , 2017, 7, 414.	3.3	6

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55	Evaluation of Automatic Monitoring of Instillation Adherence Using Eye Dropper Bottle Sensor and Deep Learning in Patients With Glaucoma. <i>Translational Vision Science and Technology</i> , 2019, 8, 55.	2.2	6
56	Branch retinal vein occlusion post severe acute respiratory syndrome coronavirus 2 vaccination. <i>Taiwan Journal of Ophthalmology</i> , 2022, 12, 202.	0.7	6
57	Comparison of semi-automated center-dot and fully automated endothelial cell analyses from specular microscopy images. <i>International Ophthalmology</i> , 2018, 38, 2495-2507.	1.4	5
58	Development of a Novel Corneal Concavity Shape Parameter and Its Association with Glaucomatous Visual Field Progression. <i>Ophthalmology Glaucoma</i> , 2019, 2, 47-54.	1.9	5
59	Relationship Between the Shift of the Retinal Artery Associated With Myopia and Ocular Response Analyzer Waveform Parameters. <i>Translational Vision Science and Technology</i> , 2019, 8, 15.	2.2	5
60	Correction of Excyclotropia by Surgery on the Inferior Rectus Muscle in Patients with Thyroid Eye Disease: A Retrospective, Observational Study. <i>PLoS ONE</i> , 2016, 11, e0159562.	2.5	5
61	Glaucoma Implant Tube Lumen Obstruction Visualized Using Anterior Segment Optical Coherence Tomography. <i>Journal of Glaucoma</i> , 2018, 27, e64-e67.	1.6	4
62	Difference in torsional phacoemulsification oscillation between a balanced tip and a mini tip using an ultra-high-speed video camera. <i>Journal of Cataract and Refractive Surgery</i> , 2016, 42, 1511-1517.	1.5	3
63	The signs of ocular-surface disorders after switching from latanoprost to tafluprost/timolol fixed combination: a prospective study. <i>Clinical Ophthalmology</i> , 2017, Volume 11, 1175-1181.	1.8	3
64	Correlation Between the Myopic Retinal Deformation and Corneal Biomechanical Characteristics Measured With the Corvis ST Tonometry. <i>Translational Vision Science and Technology</i> , 2019, 8, 26.	2.2	3
65	Iris Morphological Features in Patients with 360° Angle-Closure Neovascular Glaucoma: An Anterior Segment Optical Coherence Tomography Study. <i>Case Reports in Ophthalmology</i> , 2019, 9, 449-456.	0.7	3
66	Effect of Manual Upper Eyelid Elevation on Intraocular Pressure Measurement by Four Different Tonometers. <i>Optometry and Vision Science</i> , 2020, 97, 128-133.	1.2	3
67	Visualizing the dynamic change of Ocular Response Analyzer waveform using Variational Autoencoder in association with the peripapillary retinal arteries angle. <i>Scientific Reports</i> , 2020, 10, 6592.	3.3	3
68	Examination of the Safety and Effectiveness of Low-Concentration Nitrous Oxide Anesthesia in Cataract Surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2021, Publish Ahead of Print, .	1.5	3
69	Efficiency, safety, and patient preference of switching from dorzolamide 1%/timolol 0.5% to brinzolamide 1%/timolol 0.5% while maintaining the prostaglandin F2 α analog. <i>Clinical Ophthalmology</i> , 2015, 9, 475.	1.8	2
70	Hypotony Maculopathy Obtained by Retro-mode Retinal Imaging. <i>Ophthalmology</i> , 2015, 122, 216-217.	5.2	2
71	Sex-specific difference in age distribution of congenital lower eyelid epiblepharon in a Japanese population. <i>Japanese Journal of Ophthalmology</i> , 2019, 63, 425-428.	1.9	2
72	Outcomes of Wider Area Bleb Revision Using Bleb Knife With Adjunctive Mitomycin C. <i>Journal of Glaucoma</i> , 2019, 28, 732-736.	1.6	2

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73	Comment on Cataract Surgery and Rate of Visual Field Progression in Primary Open-Angle Glaucoma. American Journal of Ophthalmology, 2020, 209, 216-217.	3.3	2
74	Utility and safety of low-concentration nitrous oxide anesthesia in ptosis surgery. Medicine (United States), 2021, 100, e26603.	1.0	2
75	Retinal Detachment Screening with Ensembles of Neural Network Models. Lecture Notes in Computer Science, 2019, , 251-260.	1.3	2
76	Evaluation of Patterns and Correlations of the Degree of Conjunctival Hyperemia Induced by Omidenedipate Isopropyl 0.002% and Ripasudil 0.4%. Cureus, 2020, 12, e10368.	0.5	2
77	Comparison of surgical outcomes between initial trabeculectomy and Ex-PRESS in terms of achieving an intraocular pressure below 15 and 18 mmHg: a retrospective comparative study. Eye and Vision (London, England), 2022, 9, 9.	3.0	2
78	Comparison of semicircular and bent tips regarding regional differences in oscillation amplitude under various torsional power settings. Journal of Cataract and Refractive Surgery, 2020, 46, 1381-1386.	1.5	1
79	CHARGE Syndrome Associated with Angle Closure despite High Myopia: A Case Report with Structural Suggestion. Case Reports in Ophthalmology, 2020, 11, 28-36.	0.7	1
80	Heart rhythm-synchronized fibrin flap in a glaucoma tube shunt. Medicine (United States), 2021, 100, e26603.	1.0	1
81	Periodic analysis using two-way analysis of variance for the circadian rhythm of intraocular pressure in primary open angle glaucoma. Biological Rhythm Research, 2012, 43, 461-473.	0.9	0
82	Plate size reduction surgery for the Baerveldt 350-mm ² glaucoma implant for postoperative motor disturbance. Medicine (United States), 2019, 98, e17163.	1.0	0
83	Long-Term Follow-Up After Successful Trabeculectomy: A Case Report of Reversal of Cupping and Recovery of Visual Field Progression. Cureus, 2021, 13, e13520.	0.5	0
84	A Case of Paracentral Corneal Perforation Treated with One-Bite Mini-Keratoplasty. Türk Oftalmoloji Dergisi, 2021, 51, 55-57.	0.9	0
85	A Case Report on Premature Twins: Primary Congenital Glaucoma or Large Cupping Disks Mimicking Primary Congenital Glaucoma?. Cureus, 2021, 13, e17108.	0.5	0
86	Case Report: Microincision Vitreous Surgery Induces Bleb Failure in Eyes With Functional Filtering Bleb. Frontiers in Medicine, 2022, 9, 847660.	2.6	0