Qin-Mei Wang

List of Publications by Year
in descending order

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70 papers	2,016 citations	361045 20 h-index	276539 41 g-index
73 all docs	73 docs citations	73 times ranked	1751 citing authors

#	Article	IF	Citations
1	Efficacy Comparison of 16 Interventions for Myopia Control in Children. Ophthalmology, 2016, 123, 697-708.	2.5	521
2	Postoperative Efficacy, Predictability, Safety, and Visual Quality of Laser Corneal Refractive Surgery: A Network Meta-analysis. American Journal of Ophthalmology, 2017, 178, 65-78.	1.7	101
3	A Comprehensive Assessment of the Precision and Agreement of Anterior Corneal Power Measurements Obtained Using 8 Different Devices. PLoS ONE, 2012, 7, e45607.	1.1	84
4	Repeatability and interobserver reproducibility of a new optical biometer based on swept-source optical coherence tomography and comparison with IOLMaster. British Journal of Ophthalmology, 2017, 101, 493-498.	2.1	69
5	Efficacy and Acceptability of Orthokeratology for Slowing Myopic Progression in Children: A Systematic Review and Meta-Analysis. Journal of Ophthalmology, 2015, 2015, 1-12.	0.6	60
6	Consideration of corneal biomechanics in the diagnosis and management of keratoconus: is it important?. Eye and Vision (London, England), 2016, 3, 18.	1.4	59
7	Comparison of Standard Versus Accelerated Corneal Collagen Cross-Linking for Keratoconus: A Meta-Analysis. , 2018, 59, 3920.		58
8	Axial Length Measurement Failure Rates With Biometers Using Swept-Source Optical Coherence Tomography Compared to Partial-Coherence Interferometry and Optical Low-Coherence Interferometry. American Journal of Ophthalmology, 2017, 173, 64-69.	1.7	55
9	Evaluation of a new optical biometry device for measurements of ocular components and its comparison with IOLMaster. British Journal of Ophthalmology, 2014, 98, 1277-1281.	2.1	54
10	Evaluation of the relationship of corneal biomechanical metrics with physical intraocular pressure and central corneal thickness in exÂvivo rabbit eye globes. Experimental Eye Research, 2015, 137, 11-17.	1.2	49
11	Axial Length Measurement Failure Rates with the IOLMaster and Lenstar LS 900 in Eyes with Cataract. PLoS ONE, 2015, 10, e0128929.	1.1	45
12	Anterior chamber depth measurements using Scheimpflug imaging and optical coherence tomography: Repeatability, reproducibility, and agreement. Journal of Cataract and Refractive Surgery, 2015, 41, 178-185.	0.7	42
13	Combination of dexamethasone and AvastinÂ® by supramolecular hydrogel attenuates the inflammatory corneal neovascularization in rat alkali burn model. Colloids and Surfaces B: Biointerfaces, 2017, 159, 241-250.	2.5	41
14	Neovascular glaucoma: a retrospective review from a tertiary center in China. BMC Ophthalmology, 2016, 16, 14.	0.6	39
15	Microenvironment-Triggered Degradable Hydrogel for Imaging Diagnosis and Combined Treatment of Intraocular Choroidal Melanoma. ACS Nano, 2020, 14, 15403-15416.	7.3	38
16	Repeatability and reproducibility of ocular biometry using a new noncontact optical low-coherence interferometer. Journal of Cataract and Refractive Surgery, 2015, 41, 2233-2241.	0.7	36
17	Comparison of Epithelium-Off Versus Transepithelial Corneal Collagen Cross-Linking for Keratoconus: A Systematic Review and Meta-Analysis. Cornea, 2018, 37, 1018-1024.	0.9	36
18	Translation, Cultural Adaptation, and Rasch Analysis of the Visual Function (VF-14) Questionnaire. , 2014, 55, 4413.		31

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19	Effects of diabetes mellitus on biomechanical properties of the rabbit cornea. Experimental Eye Research, 2017, 161, 82-88.	1.2	29
20	Comparison of anterior segment measurements obtained using a swept-source optical coherence tomography biometer and a Scheimpflugâ€“Placido tomographer. Journal of Cataract and Refractive Surgery, 2019, 45, 298-304.	0.7	29
21	Clinical Investigation of Off-Flap Epi-LASIK for Moderate to High Myopia. , 2008, 49, 2390.		26
22	Repeatability and agreement of ocular biometry measurements: Aladdin versus Lenstar. British Journal of Ophthalmology, 2017, 101, 1223-1229.	2.1	26
23	Precision of a new ocular biometer in eyes with cataract using swept source optical coherence tomography combined with Placido-disk corneal topography. Scientific Reports, 2017, 7, 13736.	1.6	24
24	Meta-analysis of optical low-coherence reflectometry versus partial coherence interferometry biometry. Scientific Reports, 2017, 7, 43414.	1.6	21
25	Rasch analysis of three dry eye questionnaires and correlates with objective clinical tests. Ocular Surface, 2017, 15, 202-210.	2.2	21
26	Comparison of ocular biometric measurements between a new swept-source optical coherence tomography and a common optical low coherence reflectometry. Scientific Reports, 2017, 7, 2484.	1.6	20
27	Central and Midperipheral Corneal Thickness Measured with Scheimpflug Imaging and Optical Coherence Tomography. PLoS ONE, 2014, 9, e98316.	1.1	20
28	Corneal Power Measurement Obtained by Fourier-Domain Optical Coherence Tomography. Cornea, 2015, 34, 1266-1271.	0.9	19
29	The effect of nerve growth factor on corneal nerve regeneration and dry eye after LASIK. Experimental Eye Research, 2021, 203, 108428.	1.2	18
30	Effectiveness of the Goldmann Applanation Tonometer, the Dynamic Contour Tonometer, the Ocular Response Analyzer and the Corvis ST in Measuring Intraocular Pressure following FS-LASIK. Current Eye Research, 2020, 45, 144-152.	0.7	17
31	Evaluation of Central Corneal Thickness Using Corneal Dynamic Scheimpflug Analyzer Corvis ST and Comparison with Pentacam Rotating Scheimpflug System and Ultrasound Pachymetry in Normal Eyes. Journal of Ophthalmology, 2015, 2015, 1-8.	0.6	16
32	Directing the nanoparticle formation by the combination with small molecular assembly and polymeric assembly for topical suppression of ocular inflammation. International Journal of Pharmaceutics, 2018, 551, 223-231.	2.6	16
33	Corneal biomechanical properties in myopic eyes evaluated via Scheimpflug imaging. BMC Ophthalmology, 2020, 20, 279.	0.6	16
34	Biomechanical Effects of tPRK, FS-LASIK, and SMILE on the Cornea. Frontiers in Bioengineering and Biotechnology, 2022, 10, 834270.	2.0	16
35	Assessment of Cataract Surgery Outcome Using the Modified Catquest Short-Form Instrument in China. PLoS ONE, 2016, 11, e0164182.	1.1	15
36	Development and clinical verification of numerical simulation for laser in situ keratomileusis. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 83, 126-134.	1.5	15

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37	The Repeatability Assessment of Three-Dimensional Capsule-Intraocular Lens Complex Measurements by Means of High-Speed Swept-Source Optical Coherence Tomography. PLoS ONE, 2015, 10, e0142556.	1.1	14
38	Comparison of Anterior Segment Measurements with Scheimpflug/Placido Photography-Based Topography System and IOLMaster Partial Coherence Interferometry in Patients with Cataracts. Journal of Ophthalmology, 2014, 2014, 1-6.	0.6	13
39	Hydrogel eye drops as a non-invasive drug carrier for topical enhanced Adalimumab permeation and highly efficient uveitis treatment. Carbohydrate Polymers, 2021, 253, 117216.	5.1	13
40	PHACOEMULSIFICATION CATARACT SURGERY WITH PROPHYLACTIC INTRAVITREAL BEVACIZUMAB FOR PATIENTS WITH COEXISTING DIABETIC RETINOPATHY. Retina, 2019, 39, 1720-1731.	1.0	12
41	Comparison of keratometry and white-to-white measurements obtained by Lenstar with those obtained by autokeratometry and corneal topography. Contact Lens and Anterior Eye, 2015, 38, 363-367.	0.8	11
42	Protein Enables Conformation Transition of a Hydrogel Based on Pentapeptide and Boosts Immune Response in Vivo. Bioconjugate Chemistry, 2018, 29, 1519-1524.	1.8	11
43	Regional changes in corneal shape over a 6-month follow-up after femtosecond-assisted LASIK. Journal of Cataract and Refractive Surgery, 2019, 45, 766-777.	0.7	11
44	High intercorneal symmetry in corneal biomechanical metrics. Eye and Vision (London, England), 2016, 3, 7.	1.4	10
45	Precision of a new ocular biometer in children and comparison with IOLMaster. Scientific Reports, 2018, 8, 1304.	1.6	10
46	Precision and Agreement of Corneal Power Measurements Obtained Using a New Corneal Topographer OphthaTOP. PLoS ONE, 2015, 10, e109414.	1.1	10
47	Repeatability of corneal elevation maps in keratoconus patients using the tomography matching method. Scientific Reports, 2017, 7, 17457.	1.6	9
48	Posterior corneal surface differences between nonâ€laser inÂsitu keratomileusis (LASIK) and 10â€year postâ€<scp>LASIK</scp> myopic eyes. Acta Ophthalmologica, 2018, 96, e127-e133.	0.6	9
49	Experimental Evaluation of Travoprost-Induced Changes in Biomechanical Behavior of Ex-Vivo Rabbit Corneas. Current Eye Research, 2019, 44, 19-24.	0.7	9
50	Effect of orthokeratology on precision and agreement assessment of a new swept-source optical coherence tomography biometer. Eye and Vision (London, England), 2020, 7, 13.	1.4	9
51	Keratometric Index Obtained by Fourier-Domain Optical Coherence Tomography. PLoS ONE, 2015, 10, e0122441.	1.1	8
52	Evaluation of Equivalent Keratometry Readings Obtained by Pentacam HR (High Resolution). PLoS ONE, 2016, 11, e0150121.	1.1	8
53	Agreement of anterior ocular biometric measurements with a new optical biometer and a Scheimpflug tomographer. Journal of Cataract and Refractive Surgery, 2016, 42, 679-684.	0.7	7
54	Axial length measurement and detection rates using a swept-source optical coherence tomographyâ€"based biometer in the presence of a dense vitreous hemorrhage. Journal of Cataract and Refractive Surgery, 2020, 46, 360-364.	0.7	7

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55	A Comparative Study of Total Corneal Power Using a Ray Tracing Method Obtained from 3 Different Scheimpflug Camera Devices. American Journal of Ophthalmology, 2020, 216, 90-98.	1.7	7
56	Unintended changes in ocular biometric parameters during a 6-month follow-up period after FS-LASIK and SMILE. Eye and Vision (London, England), 2021, 8, 9.	1.4	7
57	Measurement agreement between a new biometer based on partial coherence interferometry and a validated biometer based on optical low-coherence reflectometry. Journal of Cataract and Refractive Surgery, 2016, 42, 68-75.	0.7	6
58	Precision of Corneal Thickness Measurements Obtained Using the Scheimpflug-Placido Imaging and Agreement with Ultrasound Pachymetry. Journal of Ophthalmology, 2015, 2015, 1-6.	0.6	5
59	Corneal elevation in a large number of myopic Chinese patients. Contact Lens and Anterior Eye, 2016, 39, 185-190.	0.8	5
60	Laser In Situ Keratomileusis (LASIK) Combined with Prophylactic Corneal Cross-Linking for Correction of Myopia: Regional Analysis of Corneal Morphology. Ophthalmology and Therapy, 2022, , 1.	1.0	5
61	Validation of an instrument to assess visual ability in children with visual impairment in China. British Journal of Ophthalmology, 2017, 101, 475-480.	2.1	4
62	Comparison between a New Optical Biometry Device and an Anterior Segment Optical Coherence Tomographer for Measuring Central Corneal Thickness and Anterior Chamber Depth. Journal of Ophthalmology, 2016, 2016, 1-5.	0.6	3
63	Assessment of Corneal Keratometric and Astigmatism Measurements Using Verion System and Other Instruments in Cataract Patient. Current Eye Research, 2018, 43, 1205-1214.	0.7	3
64	Reliability and agreement of the central and mid-peripheral corneal thickness measured by a new Scheimpflug based imaging. Annals of Translational Medicine, 2021, 9, 1136-1136.	0.7	3
65	A Comprehensive Strategy for Laser Corneal Refractive Surgery during the COVID-19 Epidemic in a Tertiary Teaching Hospital in Wenzhou, China. Journal of Ophthalmology, 2020, 2020, 1-6.	0.6	2
66	Sirius Scheimpflugâ€“Placido versus ultrasound pachymetry for central corneal thickness: meta-analysis. Eye and Vision (London, England), 2021, 8, 5.	1.4	2
67	Assessment of total corneal power after myopic corneal refractive surgery in Chinese eyes. International Ophthalmology, 2019, 39, 2467-2475.	0.6	1
68	Psychometric Assessment of the Chinese Version of the Indian Vision Functioning Questionnaire Based on the Method of Successive Dichotomizations. Translational Vision Science and Technology, 2021, 10, 8.	1.1	0
69	Clinical Outcomes of Aberration-Free All Surface Laser Ablation (ASLA) vs. Aberration-Free ASLA Assisted by Smart Pulse Technology in High Myopia: A One-Year Follow-Up Study. Journal of Ophthalmology, 2021, 2021, 1-9.	0.6	0
70	Bandage contact lens soaked in 0.1% diclofenac to relieve early postoperative pain and foreign body sensation after transepithelial photorefractive keratectomy. European Journal of Ophthalmology, 2022, , 112067212210823.	0.7	0