

Yang Shen

List of Publications by Year in descending order

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56
papers

1,069
citations

567281

15
h-index

501196

28
g-index

56
all docs

56
docs citations

56
times ranked

1309
citing authors

#	ARTICLE	IF	CITATIONS
1	The cleavage of gasdermin D by caspase-11 promotes tubular epithelial cell pyroptosis and urinary IL-18 excretion in acute kidney injury. <i>Kidney International</i> , 2019, 96, 1105-1120.	5.2	142
2	Mild Decentration Measured by a Scheimpflug Camera and Its Impact on Visual Quality Following SMILE in the Early Learning Curve. , 2014, 55, 3886.		104
3	H2S Inhibits Hyperglycemia-Induced Intrarenal Renin-Angiotensin System Activation via Attenuation of Reactive Oxygen Species Generation. <i>PLoS ONE</i> , 2013, 8, e74366.	2.5	68
4	c-Myc promotes renal fibrosis by inducing integrin α v-mediated transforming growth factor- β signaling. <i>Kidney International</i> , 2017, 92, 888-899.	5.2	52
5	Decreased Hepatocyte Autophagy Leads to Synergistic IL-1 β and TNF Mouse Liver Injury and Inflammation. <i>Hepatology</i> , 2020, 72, 595-608.	7.3	49
6	Metformin Prevents Renal Fibrosis in Mice with Unilateral Ureteral Obstruction and Inhibits Ang II-Induced ECM Production in Renal Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2016, 17, 146.	4.1	44
7	Relationship Among Corneal Stiffness, Thickness, and Biomechanical Parameters Measured by Corvis ST, Pentacam and ORA in Keratoconus. <i>Frontiers in Physiology</i> , 2019, 10, 740.	2.8	39
8	One-Year Follow-Up of Changes in Corneal Densitometry After Accelerated (45 mW/cm ²) Transepithelial Corneal Collagen Cross-Linking for Keratoconus. <i>Cornea</i> , 2016, 35, 1434-1440.	1.7	38
9	N-acetylcysteine alleviates angiotensin II-mediated renal fibrosis in mouse obstructed kidneys. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 637-644.	6.1	36
10	Big-data and artificial-intelligence-assisted vault prediction and EVO-ICL size selection for myopia correction. <i>British Journal of Ophthalmology</i> , 2023, 107, 201-206.	3.9	35
11	P300-dependent STAT3 acetylation is necessary for angiotensin II-induced pro-fibrotic responses in renal tubular epithelial cells. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 1157-1166.	6.1	31
12	Suppression of XBP1S Mediates High Glucose-Induced Oxidative Stress and Extracellular Matrix Synthesis in Renal Mesangial Cell and Kidney of Diabetic Rats. <i>PLoS ONE</i> , 2013, 8, e56124.	2.5	29
13	Changes in Corneal Deformation Parameters after Lenticule Creation and Extraction during Small Incision Lenticule Extraction (SMILE) Procedure. <i>PLoS ONE</i> , 2014, 9, e103893.	2.5	28
14	Inhibition of STAT3 acetylation is associated with attenuated renal fibrosis in the obstructed kidney. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 1045-1054.	6.1	27
15	Identification of potential therapeutic targets for atherosclerosis by analysing the gene signature related to different immune cells and immune regulators in atheromatous plaques. <i>BMC Medical Genomics</i> , 2021, 14, 145.	1.5	24
16	Insulin deficiency induces rat renal mesangial cell dysfunction via activation of IGF-1/IGF-1R pathway. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 217-227.	6.1	21
17	Comparison of visual outcomes after non-toric and toric implantable collamer lens V4c for myopia and astigmatism. <i>Acta Ophthalmologica</i> , 2021, 99, 511-518.	1.1	21
18	Small Incision Lenticule Extraction (SMILE) for Moderate and High Myopia: Seven-Year Outcomes of Refraction, Corneal Tomography, and Wavefront Aberrations. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-7.	1.3	18

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19	CHOP mediates XBP1S-induced renal mesangial cell necrosis following high glucose treatment. <i>European Journal of Pharmacology</i> , 2015, 758, 89-96.	3.5	16
20	SND p102 promotes extracellular matrix accumulation and cell proliferation in rat glomerular mesangial cells via the AT1R/ERK/Smad3 pathway. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1513-1521.	6.1	15
21	One-year natural course of corneal densitometry in high myopic patients after implantation of an implantable collamer lens (model V4c). <i>BMC Ophthalmology</i> , 2020, 20, 50.	1.4	15
22	Bmal1 Downregulation Worsens Critical Limb Ischemia by Promoting Inflammation and Impairing Angiogenesis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 712903.	2.4	15
23	Ocular dimensions of the Chinese adolescents with keratoconus. <i>BMC Ophthalmology</i> , 2018, 18, 43.	1.4	13
24	Contemporary Outcomes of Open and Endovascular Intervention for Extracranial Carotid Artery Aneurysms: A Single Centre Experience. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 60, 347-354.	1.5	13
25	Elevated transcriptional co-activator p102 mediates angiotensin II type 1 receptor up-regulation and extracellular matrix overproduction in the high glucose-treated rat glomerular mesangial cells and isolated glomeruli. <i>European Journal of Pharmacology</i> , 2013, 702, 208-217.	3.5	11
26	Clock Gene Bmal1 Disruption in Vascular Smooth Muscle Cells Worsens Carotid Atherosclerotic Lesions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 565-579.	2.4	11
27	Comparison of Corneal Biomechanical Properties between Post-LASIK Ectasia and Primary Keratoconus. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-8.	1.3	10
28	Corneal Densitometry After Small Incision Lenticule Extraction (SMILE) and Femtosecond Laser-Assisted LASIK (FS-LASIK): 5-Year Prospective Comparative Study. <i>Frontiers in Medicine</i> , 2020, 7, 521078.	2.6	10
29	Detection of SARS-CoV-2 in the ocular surface in different phases of COVID-19 patients in Shanghai, China. <i>Annals of Translational Medicine</i> , 2021, 9, 100-100.	1.7	10
30	A four-year observation of corneal densitometry after implantable collamer lens V4c implantation. <i>Annals of Translational Medicine</i> , 2021, 9, 536-536.	1.7	10
31	Two-year topographic and densitometric outcomes of accelerated (45% mW/cm ²) transepithelial corneal cross-linking for keratoconus: a case-control study. <i>BMC Ophthalmology</i> , 2018, 18, 337.	1.4	9
32	Redundant Functions of ERK1 and ERK2 Maintain Mouse Liver Homeostasis Through Downregulation of Bile Acid Synthesis. <i>Hepatology Communications</i> , 2022, 6, 980-994.	4.3	9
33	Visual Outcomes after Small Incision Lenticule Extraction and Femtosecond Laser-Assisted LASIK for High Myopia. <i>Ophthalmic Research</i> , 2020, 63, 427-433.	1.9	8
34	Sex-specific Regulation of Interferon- γ Cytotoxicity in Mouse Liver by Autophagy. <i>Hepatology</i> , 2021, 74, 2745-2758.	7.3	8
35	Comparison of Corneal Biomechanics in Post-SMILE, Post-LASEK, and Keratoconic Eyes. <i>Frontiers in Medicine</i> , 2021, 8, 695697.	2.6	8
36	Comparison of the Effects of Temperature and Dehydration Mode on Glycerin-Based Approaches to SMILE-Derived Lenticule Preservation. <i>Cornea</i> , 2022, 41, 470-477.	1.7	8

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37	Mouse liver injury induces hepatic macrophage FGF23 production. <i>PLoS ONE</i> , 2022, 17, e0264743.	2.5	8
38	Câ€C motif ligand 8 promotes atherosclerosis via NADPH oxidase 2/reactive oxygen species-induced endothelial permeability increase. <i>Free Radical Biology and Medicine</i> , 2021, 167, 181-192.	2.9	7
39	Study of preferred background luminance in watching computer screen in children. <i>Chinese Medical Journal</i> , 2014, 127, 2073-7.	2.3	7
40	A Novel Mechanism of Starvationâ€Stimulated Hepatic Autophagy: Calciumâ€Induced Oâ€GlcNAcâ€Dependent Signaling. <i>Hepatology</i> , 2019, 69, 446-448.	7.3	6
41	Safety of EVO ICL Implantation With an Ophthalmic Viscosurgical Device-Free Technique in the Early 24 h After Surgery. <i>Frontiers in Medicine</i> , 2021, 8, 764653.	2.6	5
42	Study of the Immediate Effects of Autostereoscopic 3D Visual Training on the Accommodative Functions of Myopes. , 2022, 63, 9.		4
43	One-Year Follow-Up of Corneal Biomechanical Changes After Accelerated Transepithelial Corneal Cross-Linking in Pediatric Patients With Progressive Keratoconus. <i>Frontiers in Medicine</i> , 2021, 8, 663494.	2.6	3
44	Safety of different carotid artery revascularization strategies in the coronary artery bypass graft population: study protocol for a systematic review and network meta-analysis. <i>Annals of Translational Medicine</i> , 2020, 8, 1605-1605.	1.7	3
45	Screening for Stereopsis Using an Eye-Tracking Glasses-Free Display in Adults: A Pilot Study. <i>Frontiers in Medicine</i> , 2021, 8, 814908.	2.6	3
46	Prediction of Refractive Error Based on Ultrawide Field Images With Deep Learning Models in Myopia Patients. <i>Frontiers in Medicine</i> , 2022, 9, 834281.	2.6	3
47	Application of mydriasis and eye steering in ultrawide field imaging for detecting peripheral retinal lesions in myopic patients. <i>British Journal of Ophthalmology</i> , 2023, 107, 1018-1024.	3.9	3
48	Bilateral Differential Topographyâ€A Novel Topographic Algorithm for Keratoconus and Ectatic Disease Screening. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 772982.	4.1	3
49	Long-Term Follow-Up of Accelerated Transepithelial Corneal Crosslinking for Post-LASIK Ectasia: A Pilot Prospective Observational Study. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 809262.	4.1	3
50	Predictive factors of the accelerated transepithelial corneal cross-linking outcomes in keratoconus. <i>BMC Ophthalmology</i> , 2022, 22, 7.	1.4	2
51	Safety of intraocular pressure measurement using air-puff tonometer after implantable collamer lens implantation. <i>Journal of Cataract and Refractive Surgery</i> , 2022, 48, 900-905.	1.5	2
52	Femtosecond Laser-Assisted Small Incision Allogeneic Endokeratophakia Using a Hyperopic Lenticule in Rabbits. <i>Translational Vision Science and Technology</i> , 2021, 10, 29.	2.2	1
53	Topography-Guided Transepithelial Accelerated Corneal Collagen Cross-Linking for Low Refractive Error Correction in Keratoconus Treatment: A Pilot Study. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 830776.	4.1	1
54	Predict the Probability of the Presence of Vulnerable Carotid Plaque. <i>Annals of Vascular Surgery</i> , 2021, 70, e2.	0.9	0

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55	The long-term observation in Chinese children with monocular myelinated retinal nerve fibers, myopia and amblyopia. <i>Translational Pediatrics</i> , 2021, 10, 860-869.	1.2	0
56	Keratometry and ultrastructural changes after microwave thermokeratoplasty in rabbit eyes. <i>Lasers in Surgery and Medicine</i> , 2021, , .	2.1	0