

Ning-Jiun Jan

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

888
citations

840776

11
h-index

1125743

13
g-index

23
all docs

23
docs citations

23
times ranked

661
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-Wide Association Study of Campylobacter <i>+</i> Positive Diarrhea Identifies Genes Involved in Toxin Processing and Inflammatory Response. <i>MBio</i> , 2022, 13, e0055622.	4.1	5
2	Fecal Microbiota Transplantation Increases Colonic IL-25 and Dampens Tissue Inflammation in Patients with Recurrent <i>Clostridioides difficile</i> . <i>MSphere</i> , 2021, 6, e0066921.	2.9	9
3	Role of radially aligned scleral collagen fibers in optic nerve head biomechanics. <i>Experimental Eye Research</i> , 2020, 199, 108188.	2.6	16
4	Polarized light microscopy for 3-dimensional mapping of collagen fiber architecture in ocular tissues. <i>Journal of Biophotonics</i> , 2018, 11, e201700356.	2.3	46
5	Crimp around the globe; patterns of collagen crimp across the corneoscleral shell. <i>Experimental Eye Research</i> , 2018, 172, 159-170.	2.6	44
6	Collagen fiber recruitment: A microstructural basis for the nonlinear response of the posterior pole of the eye to increases in intraocular pressure. <i>Acta Biomaterialia</i> , 2018, 72, 295-305.	8.3	49
7	Thin Lamina Cribrosa Beams Have Different Collagen Microstructure Than Thick Beams. , 2018, 59, 4653.		17
8	Radial and Circumferential Collagen Fibers Are a Feature of the Peripapillary Sclera of Human, Monkey, Pig, Cow, Goat, and Sheep. , 2018, 59, 4763.		49
9	Peripapillary sclera architecture revisited: A tangential fiber model and its biomechanical implications. <i>Acta Biomaterialia</i> , 2018, 79, 113-122.	8.3	24
10	Spatial Patterns and Age-Related Changes of the Collagen Crimp in the Human Cornea and Sclera. , 2018, 59, 2987.		53
11	Structured polarized light microscopy for collagen fiber structure and orientation quantification in thick ocular tissues. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	2.6	20
12	Whole-globe biomechanics using high-field MRI. <i>Experimental Eye Research</i> , 2017, 160, 85-95.	2.6	26
13	Formalin Fixation and Cryosectioning Cause Only Minimal Changes in Shape or Size of Ocular Tissues. <i>Scientific Reports</i> , 2017, 7, 12065.	3.3	36
14	Collagen Architecture of the Posterior Pole: High-Resolution Wide Field of View Visualization and Analysis Using Polarized Light Microscopy. , 2017, 58, 735.		74
15	Lamina Cribrosa Pore Shape and Size as Predictors of Neural Tissue Mechanical Insult. , 2017, 58, 5336.		40
16	Microstructural Crimp of the Lamina Cribrosa and Peripapillary Sclera Collagen Fibers. , 2017, 58, 3378-3388.		27
17	In-vivo effects of intraocular and intracranial pressures on the lamina cribrosa microstructure. <i>PLoS ONE</i> , 2017, 12, e0188302.	2.5	44
18	Use and Misuse of Laplace's Law in Ophthalmology. , 2016, 57, 236.		21

#	ARTICLE	IF	CITATIONS
19	Non-invasive MRI Assessments of Tissue Microstructures and Macromolecules in the Eye upon Biomechanical or Biochemical Modulation. Scientific Reports, 2016, 6, 32080.	3.3	34
20	Polarization microscopy for characterizing fiber orientation of ocular tissues. Biomedical Optics Express, 2015, 6, 4705.	2.9	82
21	Eye-Specific IOP-Induced Displacements and Deformations of Human Lamina Cribrosa. , 2014, 55, 1.		121
22	Magic Angle-Enhanced MRI of Fibrous Microstructures in Sclera and Cornea With and Without Intraocular Pressure Loading. , 2014, 55, 5662.		51