

Lin Li

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

283
citations

1040056

9
h-index

940533

16
g-index

35
all docs

35
docs citations

35
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	A feasible method for independently evaluating the mechanical properties of glial LC and RGC axons by combining atomic force microscopy measurement with image segmentation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 126, 105041.	3.1	5
2	Determine Corneal Biomechanical Parameters by Finite Element Simulation and Parametric Analysis Based on ORA Measurements. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 862947.	4.1	1
3	Differences of Corneal Biomechanics Among Thin Normal Cornea, Forme-Fruste Keratoconus, and Cornea After SMILE. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, .	4.1	1
4	Regional Changes of Iris Stiffness in the Rabbits Suffered from Chronic High Intraocular Pressure. <i>Journal of Medical and Biological Engineering</i> , 2021, 41, 165-174.	1.8	0
5	Three-month effects of corneal cross-linking on corneal fibroblasts. <i>Biocell</i> , 2021, 45, 1023-1032.	0.7	0
6	Comparisons of corneal biomechanical and tomographic parameters among thin normal cornea, forme-fruste keratoconus, and mild keratoconus. <i>Eye and Vision (London, England)</i> , 2021, 8, 44.	3.0	13
7	Exploring the Biomechanical Properties of the Human Cornea In Vivo Based on Corvis ST. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 771763.	4.1	4
8	Time-varying regularity of changes in biomechanical properties of the corneas after removal of anterior corneal tissue. <i>BioMedical Engineering OnLine</i> , 2021, 20, 113.	2.7	0
9	A Potential Screening Index of Corneal Biomechanics in Healthy Subjects, Forme Fruste Keratoconus Patients and Clinical Keratoconus Patients. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 766605.	4.1	5
10	Comparison of intraocular pressure measured by ocular response analyzer and Goldmann applanation tonometer after corneal refractive surgery: a systematic review and meta-analysis. <i>BMC Ophthalmology</i> , 2020, 20, 23.	1.4	16
11	THE INFERENCE OF THE CHANGES OF AXONAL TRANSPORT OF OPTIC NERVE BY DEFORMATIONS OF LAMINA CRIBROSA. <i>Journal of Mechanics in Medicine and Biology</i> , 2020, 20, 2040027.	0.7	2
12	The Mechanical Interpretation of Ocular Response Analyzer Parameters. <i>BioMed Research International</i> , 2019, 2019, 1-11.	1.9	7
13	Evaluation of corneal elastic modulus based on Corneal Visualization Scheimpflug Technology. <i>BioMedical Engineering OnLine</i> , 2019, 18, 42.	2.7	25
14	Numerical Simulation of Multi-Field Coupling in Aqueous Humor Under the Condition of Dynamic Pressure. <i>International Journal of Computational Methods</i> , 2019, 16, 1842001.	1.3	3
15	EFFECT OF GEOMETRICAL PARAMETERS ON THE DEFORMATIONS OF THE HUMAN OPTIC NERVE HEAD BASED ON INDIVIDUAL-SPECIFIC MODELS. <i>Journal of Mechanics in Medicine and Biology</i> , 2018, 18, 1840015.	0.7	0
16	STUDY OF THE TRANSVERSAL DEFORMATION OF CORNEAL STRIP UNDER UNIAXIAL LOADING. <i>Journal of Mechanics in Medicine and Biology</i> , 2018, 18, 1840018.	0.7	1
17	Time Course Changes of the Mechanical Properties of the Iris Pigment Epithelium in a Rat Chronic Ocular Hypertension Model. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	3
18	Corneal Biomechanical Properties after FS-LASIK with Residual Bed Thickness Less Than 50% of the Original Corneal Thickness. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-10.	1.3	8

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19	UNDERSTANDING THE VISCOELASTIC PROPERTIES OF RABBIT CORNEA BASED ON STRESS RELAXATION TESTS AND CYCLIC UNIAXIAL TESTS. <i>Journal of Mechanics in Medicine and Biology</i> , 2017, 17, 1740035.	0.7	4
20	THE SIMULATION STUDY ON THE DEFORMATION OF RABBIT CORNEA AFTER REFRACTIVE SURGERY WITH DIFFERENT CUTTING THICKNESS. <i>Journal of Mechanics in Medicine and Biology</i> , 2017, 17, 1750118.	0.7	2
21	Age-Related Variations of Rabbit Corneal Geometrical and Clinical Biomechanical Parameters. <i>BioMed Research International</i> , 2017, 2017, 1-11.	1.9	16
22	Experimental research on the relationship between the stiffness and the expressions of fibronectin proteins and adaptor proteins of rat trabecular meshwork cells. <i>BMC Ophthalmology</i> , 2017, 17, 268.	1.4	12
23	Identification of Novel Breast Cancer Subtype-Specific Biomarkers by Integrating Genomics Analysis of DNA Copy Number Aberrations and miRNA-mRNA Dual Expression Profiling. <i>BioMed Research International</i> , 2015, 2015, 1-17.	1.9	19
24	Existence of Periodic Solutions and Stability of Zero Solution of a Mathematical Model of Schistosomiasis. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-10.	0.9	1
25	Determination of the material parameters of four-fibre family model based on uniaxial extension data of arterial walls. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2014, 17, 695-703.	1.6	9
26	Power type strain energy function model and prediction of the anisotropic mechanical properties of skin using uniaxial extension data. <i>Medical and Biological Engineering and Computing</i> , 2013, 51, 1147-1156.	2.8	4
27	Determination of material parameters of the two-dimensional Holzapfel-Weizsäcker type model based on uniaxial extension data of arterial walls. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013, 16, 358-367.	1.6	7
28	Prioritizing breast cancer subtype related miRNAs using miRNA-mRNA dysregulated relationships extracted from their dual expression profiling. <i>Journal of Theoretical Biology</i> , 2013, 331, 1-11.	1.7	15
29	Identifying Breast Cancer Subtype Related miRNAs from Two Constructed miRNAs Interaction Networks in Silico Method. <i>BioMed Research International</i> , 2013, 2013, 1-13.	1.9	8
30	Mining Functional Gene Modules Linked with Rheumatoid Arthritis Using a SNP-SNP Network. <i>Genomics, Proteomics and Bioinformatics</i> , 2012, 10, 23-34.	6.9	13
31	G-SESAME: web tools for GO-term-based gene similarity analysis and knowledge discovery. <i>Nucleic Acids Research</i> , 2009, 37, W345-W349.	14.5	79