Lin Li

List of Publications by Year
in descending order

31	283	1040056 9	940533 16
papers	citations	h-index	g-index

35	35	35	431
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	G-SESAME: web tools for GO-term-based gene similarity analysis and knowledge discovery. Nucleic Acids Research, 2009, 37, W345-W349.	14.5	79
2	Evaluation of corneal elastic modulus based on Corneal Visualization Scheimpflug Technology. BioMedical Engineering OnLine, 2019, 18, 42.	2.7	25
3	Identification of Novel Breast Cancer Subtype-Specific Biomarkers by Integrating Genomics Analysis of DNA Copy Number Aberrations and miRNA-mRNA Dual Expression Profiling. BioMed Research International, 2015, 2015, 1-17.	1.9	19
4	Age-Related Variations of Rabbit Corneal Geometrical and Clinical Biomechanical Parameters. BioMed Research International, 2017, 2017, 1-11.	1.9	16
5	Comparison of intraocular pressure measured by ocular response analyzer and Goldmann applanation tonometer after corneal refractive surgery: a systematic review and meta-analysis. BMC Ophthalmology, 2020, 20, 23.	1.4	16
6	Prioritizing breast cancer subtype related miRNAs using miRNAâ€“mRNA dysregulated relationships extracted from their dual expression profiling. Journal of Theoretical Biology, 2013, 331, 1-11.	1.7	15
7	Mining Functional Gene Modules Linked with Rheumatoid Arthritis Using a SNP-SNP Network. Genomics, Proteomics and Bioinformatics, 2012, 10, 23-34.	6.9	13
8	Comparisons of corneal biomechanical and tomographic parameters among thin normal cornea, formeÂfruste keratoconus, and mild keratoconus. Eye and Vision (London, England), 2021, 8, 44.	3.0	13
9	Experimental research on the relationship between the stiffness and the expressions of fibronectin proteins and adaptor proteins of rat trabecular meshwork cells. BMC Ophthalmology, 2017, 17, 268.	1.4	12
10	Determination of the material parameters of four-fibre family model based on uniaxial extension data of arterial walls. Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17, 695-703.	1.6	9
11	Identifying Breast Cancer Subtype Related miRNAs from Two Constructed miRNAs Interaction Networks in Silico Method. BioMed Research International, 2013, 2013, 1-13.	1.9	8
12	Corneal Biomechanical Properties after FS-LASIK with Residual Bed Thickness Less Than 50% of the Original Corneal Thickness. Journal of Ophthalmology, 2018, 2018, 1-10.	1.3	8
13	Determination of material parameters of the two-dimensional Holzapfelâ€“WeizsÃcker type model based on uniaxial extension data of arterial walls. Computer Methods in Biomechanics and Biomedical Engineering, 2013, 16, 358-367.	1.6	7
14	The Mechanical Interpretation of Ocular Response Analyzer Parameters. BioMed Research International, 2019, 2019, 1-11.	1.9	7
15	A feasible method for independently evaluating the mechanical properties of glial LC and RGC axons by combining atomic force microscopy measurement with image segmentation. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 126, 105041.	3.1	5
16	A Potential Screening Index of Corneal Biomechanics in Healthy Subjects, Forme Fruste Keratoconus Patients and Clinical Keratoconus Patients. Frontiers in Bioengineering and Biotechnology, 2021, 9, 766605.	4.1	5
17	Power type strain energy function model and prediction of the anisotropic mechanical properties of skin using uniaxial extension data. Medical and Biological Engineering and Computing, 2013, 51, 1147-1156.	2.8	4
18	UNDERSTANDING THE VISCOELASTIC PROPERTIES OF RABBIT CORNEA BASED ON STRESS RELAXATION TESTS AND CYCLIC UNIAXIAL TESTS. Journal of Mechanics in Medicine and Biology, 2017, 17, 1740035.	0.7	4

#	Article	IF	Citations
19	Exploring the Biomechanical Properties of the Human Cornea In Vivo Based on Corvis ST. Frontiers in Bioengineering and Biotechnology, 2021, 9, 771763.	4.1	4
20	Time Course Changes of the Mechanical Properties of the Iris Pigment Epithelium in a Rat Chronic Ocular Hypertension Model. BioMed Research International, 2018, 2018, 1-10.	1.9	3
21	Numerical Simulation of Multi-Field Coupling in Aqueous Humor Under the Condition of Dynamic Pressure. International Journal of Computational Methods, 2019, 16, 1842001.	1.3	3
22	THE SIMULATION STUDY ON THE DEFORMATION OF RABBIT CORNEA AFTER REFRACTIVE SURGERY WITH DIFFERENT CUTTING THICKNESS. Journal of Mechanics in Medicine and Biology, 2017, 17, 1750118.	0.7	2
23	THE INFERENCE OF THE CHANGES OF AXONAL TRANSPORT OF OPTIC NERVE BY DEFORMATIONS OF LAMINA CRIBROSA. Journal of Mechanics in Medicine and Biology, 2020, 20, 2040027.	0.7	2
24	Existence of Periodic Solutions and Stability of Zero Solution of a Mathematical Model of Schistosomiasis. Journal of Applied Mathematics, 2014, 2014, 1-10.	0.9	1
25	STUDY OF THE TRANSVERSAL DEFORMATION OF CORNEAL STRIP UNDER UNIAXIAL LOADING. Journal of Mechanics in Medicine and Biology, 2018, 18, 1840018.	0.7	1
26	Determine Corneal Biomechanical Parameters by Finite Element Simulation and Parametric Analysis Based on ORA Measurements. Frontiers in Bioengineering and Biotechnology, 2022, 10, 862947.	4.1	1
27	Differences of Corneal Biomechanics Among Thin Normal Cornea, Forme-Fruste Keratoconus, and Cornea After SMILE. Frontiers in Bioengineering and Biotechnology, 2022, 10, .	4.1	1
28	EFFECT OF GEOMETRICAL PARAMETERS ON THE DEFORMATIONS OF THE HUMAN OPTIC NERVE HEAD BASED ON INDIVIDUAL-SPECIFIC MODELS. Journal of Mechanics in Medicine and Biology, 2018, 18, 1840015.	0.7	0
29	Regional Changes of Iris Stiffness in the Rabbits Suffered from Chronic High Intraocular Pressure. Journal of Medical and Biological Engineering, 2021, 41, 165-174.	1.8	0
30	Three-month effects of corneal cross-linking on corneal fibroblasts. Biocell, 2021, 45, 1023-1032.	0.7	0
31	Time-varying regularity of changes in biomechanical properties of the corneas after removal of anterior corneal tissue. BioMedical Engineering OnLine, 2021, 20, 113.	2.7	0