

Min Shen

List of Publications by Year in descending order

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13
papers

97
citations

1478458

6
h-index

1372553

10
g-index

13
all docs

13
docs citations

13
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Evidence of Symmetry between Bilateral Human Corneas in Biomechanical Properties: A Comparison Study with Fresh Corneal Tissue. <i>Journal of Ophthalmology</i> , 2021, 2021, 1-7.	1.3	6
2	Characterization of hyperelastic mechanical properties for youth corneal anterior central stroma based on collagen fibril crimping constitutive model. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 103, 103575.	3.1	17
3	Inverse solution of corneal material parameters based on non-contact tonometry: A comparative study of different constitutive models. <i>Journal of Biomechanics</i> , 2020, 112, 110055.	2.1	5
4	Changes and quantitative characterization of hyper-viscoelastic biomechanical properties for young corneal stroma after standard corneal cross-linking treatment with different ultraviolet-A energies. <i>Acta Biomaterialia</i> , 2020, 113, 438-451.	8.3	15
5	Biomechanical effect of ultraviolet-A-riboflavin cross-linking on simulated human corneal stroma model and its correlation with changes in corneal stromal microstructure. <i>Experimental Eye Research</i> , 2020, 197, 108109.	2.6	11
6	Preliminary Investigation of the Mechanical Anisotropy of the Normal Human Corneal Stroma. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-7.	1.3	12
7	Tensile biomechanical properties and constitutive parameters of human corneal stroma extracted by SMILE procedure. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 85, 102-108.	3.1	14
8	Mechanical behavior in bending deformation of thermoplastic composite laminates with different stacking sequences. <i>Journal of Composite Materials</i> , 2016, 50, 1037-1048.	2.4	1
9	Investigation of the mechanical bending and frequency shift induced by adsorption and temperature using micro- and nanocantilever sensors. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	10
10	Deformation Measurement of Composite Laminate with Impact Damage under Compressive Loads. <i>Polymers and Polymer Composites</i> , 2012, 20, 177-182.	1.9	3
11	The application of two-scale DSCM to measurement of shear strain field on free edge of notched thermoplastic laminate. , 2011, , .		0
12	Two-scale digital speckle technique for measurement of complicated strain field. , 2010, , .		0
13	Measuring Human Corneal Stromal Biomechanical Properties Using Tensile Testing Combined With Optical Coherence Tomography. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	4.1	3