Srilatha Vantipalli

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9619529/publications.pdf

Version: 2024-02-01

		933447	1058476
24	553	10	14
papers	citations	h-index	g-index

24	24	24	362
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical coherence elastography assessment of corneal viscoelasticity with a modified Rayleigh-Lamb wave model. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 66, 87-94.	3.1	94
2	Spatial characterization of corneal biomechanical properties with optical coherence elastography after UV cross-linking. Biomedical Optics Express, 2014, 5, 1419.	2.9	85
3	Quantitative assessment of corneal viscoelasticity using optical coherence elastography and a modified Rayleighâ€“Lamb equation. Journal of Biomedical Optics, 2015, 20, 020501.	2.6	84
4	Ocular benzalkonium chloride exposure: problems and solutions. Eye, 2022, 36, 361-368.	2.1	74
5	Noncontact Elastic Wave Imaging Optical Coherence Elastography for Evaluating Changes in Corneal Elasticity Due to Crosslinking. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 266-276.	2.9	41
6	Evaluating the Effects of Riboflavin/UV-A and Rose-Bengal/Green Light Cross-Linking of the Rabbit Cornea by Noncontact Optical Coherence Elastography. , 2016, 57, OCT112.		40
7	Optical coherence elastography for evaluating customized riboflavin/UV-A corneal collagen crosslinking. Journal of Biomedical Optics, 2017, 22, 091504.	2.6	35
8	Quantifying the effects of hydration on corneal stiffness with noncontact optical coherence elastography. Journal of Cataract and Refractive Surgery, 2018, 44, 1023-1031.	1.5	32
9	Dropless cataract surgery: modernizing perioperative medical therapy to improve outcomes and patient satisfaction. Current Opinion in Ophthalmology, 2021, 32, S1-S12.	2.9	20
10	Effects of Thickness on Corneal Biomechanical Properties Using Optical Coherence Elastography. Optometry and Vision Science, 2018, 95, 299-308.	1.2	17
11	Analysis of the effect of the fluid-structure interface on elastic wave velocity in cornea-like structures by OCE and FEM. Laser Physics Letters, 2016, 13, 035602.	1.4	16
12	Phase 3 Randomized Study of Efficacy and Safety of a Dexamethasone Intracanalicular Insert in Patients With Allergic Conjunctivitis. American Journal of Ophthalmology, 2021, 229, 288-300.	3.3	8
13	Punctum and canalicular anatomy for hydrogel-based intracanalicular insert technology. Therapeutic Delivery, 2020, 11, 173-182.	2.2	4
14	Plasma Pharmacokinetic Parameters of Dexamethasone Following Administration of a Dexamethasone Intracanalicular Insert in Healthy Adults. Clinical Ophthalmology, 2021, Volume 15, 2055-2061.	1.8	2
15	Influence of corneal hydration on optical coherence elastography. Proceedings of SPIE, 2016, , .	0.8	1
16	Combining a focused air-puff system with phase-sensitive optical coherence tomography for the detection of soft-tissue tumors based on elasticity measurement. , 2013, , .		0
17	Three-dimensional mapping of corneal elasticity using optical coherence elastography. Proceedings of SPIE, 2015, , .	0.8	0
18	Assessment of the biomechanical properties of porcine cornea after UV cross-linking at different intraocular pressures. , 2015, , .		0

#	Article	IF	Citations
19	Spatial mapping of the biomechanical properties of rabbit cornea after cross-linking using optical coherence elastography. , 2015, , .		0
20	Assessing the viscoelasticity of green light induced CXL in the rabbit cornea by noncontact OCE and FEM. , 2016, , .		0
21	A comparison study of Riboflavin/UV-A and Rose-Bengal/Green light cross-linking of the rabbit corneas using optical coherence elastography. Proceedings of SPIE, 2016, , .	0.8	0
22	Effect of curvature and thickness on elastic wave velocity in cornea-like structures by FEM and OCE. Proceedings of SPIE, 2016, , .	0.8	0
23	Assessing corneal viscoelasticity after crosslinking at different IOP by noncontact OCE and a modified Lamb wave model. , 2017, , .		0
24	Quantifying the effects of hydration on corneal stiffness with optical coherence elastography. , 2018, , .		0