

Emil N Sobol

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

192
citations

1478505

6
h-index

1872680

6
g-index

8
all docs

8
docs citations

8
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical coherence elastography for strain dynamics measurements in laser correction of cornea shape. Journal of Biophotonics, 2017, 10, 1450-1463.	2.3	57
2	Revealing structural modifications in thermomechanical reshaping of collagenous tissues using optical coherence elastography. Journal of Biophotonics, 2019, 12, e201800250.	2.3	36
3	Laser reshaping of costal cartilage for transplantation. Lasers in Surgery and Medicine, 2011, 43, 511-515.	2.1	31
4	Optical characteristics of the cornea and sclera and their alterations under the effect of nondestructive 1.56- μ m laser radiation. Journal of Biomedical Optics, 2013, 18, 058003.	2.6	21
5	Interplay of temperature, thermal stresses and strains in laser-assisted modification of collagenous tissues: Speckle contrast and OCT-based studies. Journal of Biophotonics, 2020, 13, e201900199.	2.3	20
6	Observation of internal stress relaxation in laser-reshaped cartilaginous implants using OCT-based strain mapping. Laser Physics Letters, 2020, 17, 085603.	1.4	15
7	<title>Phenomenon of cartilage shaping using moderate heating and its applications in otorhinolaryngology</title>. , 1996, , .		11
8	Phase-sensitive OCT in monitoring of slow-rate strains in laser tissue reshaping. , 2019, , .		1