

David Borja

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10485237/publications.pdf>

Version: 2024-02-01

20
papers

745
citations

840776

11
h-index

1199594

12
g-index

20
all docs

20
docs citations

20
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	Distortion Correction of OCT Images of the Crystalline Lens. Optometry and Vision Science, 2012, 89, E709-E718.	1.2	27
2	Postnatal Elongation of Eye Size in DBA/2J Mice Compared with C57BL/6J Mice: In Vivo Analysis with Whole-Eye OCT. , 2011, 52, 3604.		46
3	Contribution of the crystalline lens gradient refractive index to the accommodation amplitude in non-human primates: In vitro studies. Journal of Vision, 2011, 11, 23-23.	0.3	27
4	Semiautomated analysis of optical coherence tomography crystalline lens images under simulated accommodation. Journal of Biomedical Optics, 2011, 16, 056003.	2.6	13
5	Age-dependent variation of the gradient index profile in human crystalline lenses. Journal of Modern Optics, 2011, 58, 1781-1787.	1.3	36
6	Small animal ocular biometry using optical coherence tomography. Proceedings of SPIE, 2010, , .	0.8	2
7	Refractive Power and Biometric Properties of the Nonhuman Primate Isolated Crystalline Lens. , 2010, 51, 2118.		15
8	Distortions of the posterior surface in optical coherence tomography images of the isolated crystalline lens: effect of the lens index gradient. Biomedical Optics Express, 2010, 1, 1331.	2.9	37
9	Effect of Anterior Zonule Transection on the Change in Lens Diameter and Power in Cynomolgus Monkeys during Simulated Accommodation. , 2009, 50, 4017.		18
10	Shape of the isolated ex-vivo human crystalline lens. Vision Research, 2009, 49, 74-83.	1.4	34
11	Refractive index measurement of the isolated crystalline lens using optical coherence tomography. Vision Research, 2008, 48, 2732-2738.	1.4	118
12	Role of the Lens Capsule on the Mechanical Accommodative Response in a Lens Stretcher. , 2008, 49, 4490.		30
13	Optical Power of the Isolated Human Crystalline Lens. , 2008, 49, 2541.		53
14	Optomechanical Response of Human and Monkey Lenses in a Lens Stretcher. , 2007, 48, 3260.		67
15	In vitro dimensions and curvatures of human lenses. Vision Research, 2006, 46, 1002-1009.	1.4	121
16	Biometry of primate lenses during immersion in preservation media. Molecular Vision, 2006, 12, 740-7.	1.1	48
17	Kinetics of corneal thermal shrinkage. , 2004, , .		1
18	Preparation and Hydration Control of Corneal Tissue Strips for Experimental Use. Cornea, 2004, 23, 61-66.	1.7	18

#	ARTICLE	IF	CITATIONS
19	Semianalytical thermal model for subablative laser heating of homogeneous nonperfused biological tissue: application to laser thermokeratoplasty. Journal of Biomedical Optics, 2003, 8, 288.	2.6	32
20	<title>Calculation of corneal temperature and shrinkage during laser thermokeratoplasty (LTK)</title>. , 2002, , .		2