Robert C Augusteyn

List of Publications by Year
in descending order

38	1,269	471061 17	395343 33
papers	citations	h-index	g-index

38	38	38	975
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biometry of the human cornea and globe: An evaluation by age, gender and population. Experimental Eye Research, 2022, 216, 108932.	1.2	0
2	Morphometric analysis of in vitro human crystalline lenses using digital shadow photogrammetry. Experimental Eye Research, 2021, 202, 108334.	1.2	5
3	Isolated human crystalline lens three-dimensional shape: A comparison between Indian and European populations. Experimental Eye Research, 2021, 205, 108481.	1.2	4
4	Development of detailed pediatric eye models for lens dose calculations. Journal of Radiological Protection, 2021, 41, 305-325.	0.6	5
5	Relationship of the cornea and globe dimensions to the changes in adult human crystalline lens diameter, thickness and power with age. Experimental Eye Research, 2021, 209, 108653.	1.2	6
6	On the contribution of the nucleus and cortex to human lens shape and size. Australasian journal of optometry, The, 2018, 101, 64-68.	0.6	14
7	Human lens weights with increasing age. Molecular Vision, 2018, 24, 867-xxx.	1.1	5
8	In vitro biometry of a human spherophakia. Australasian journal of optometry, The, 2017, 100, 189-191.	0.6	2
9	Nonhuman Primate Ocular Biometry. , 2016, 57, 105.		23
10	Measurement of Crystalline Lens Volume During Accommodation in a Lens Stretcher. , 2015, 56, 4239.		16
11	Methylglyoxal induces endoplasmic reticulum stress and DNA demethylation in the Keap1 promoter of human lens epithelial cells and age-related cataracts. Free Radical Biology and Medicine, 2014, 72, 134-148.	1.3	73
12	Growth of the eye lens: I. Weight accumulation in multiple species. Molecular Vision, 2014, 20, 410-26.	1.1	25
13	Growth of the eye lens: II. Allometric studies. Molecular Vision, 2014, 20, 427-40.	1.1	8
14	Lens thickness growth in humans. Clinical and Experimental Ophthalmology, 2013, 41, 616-617.	1.3	2
15	Growth of the human lens in the Indian adult population: Preliminary observations. Indian Journal of Ophthalmology, 2012, 60, 511.	0.5	17
16	Human ocular biometry. Experimental Eye Research, 2012, 102, 70-75.	1.2	69
17	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.	0.1	27
18	Age-dependence of the optomechanical responses of ex vivo human lenses from India and the USA, and the force required to produce these in a lens stretcher: The similarity to in vivo disaccommodation. Vision Research, 2011, 51, 1667-1678.	0.7	37

#	Article	IF	Citations
19	Lens growth and protein changes in the eastern grey kangaroo. Molecular Vision, 2011, 17, 3234-42.	1.1	4
20	Refractive Power and Biometric Properties of the Nonhuman Primate Isolated Crystalline Lens. , 2010, 51, 2118.		15
21	On the growth and internal structure of the human lens. Experimental Eye Research, 2010, 90, 643-654.	1.2	160
22	Shape of the isolated ex-vivo human crystalline lens. Vision Research, 2009, 49, 74-83.	0.7	34
23	Ageâ€related development of a refractive index plateau in the human lens: evidence for a distinct nucleus. Australasian journal of optometry, The, 2008, 91, 296-301.	0.6	25
24	Growth of the lens: in vitro observations. Australasian journal of optometry, The, 2008, 91, 226-239.	0.6	64
25	Optical Power of the Isolated Human Crystalline Lens. , 2008, 49, 2541.		53
26	The effect of paraformaldehyde fixation and PBS storage on the water content of the human lens. Molecular Vision, 2008, 14, 90-4.	1.1	11
27	Growth of the human eye lens. Molecular Vision, 2007, 13, 252-7.	1.1	83
28	On the relationship between rabbit age and lens dry weight: improved determination of the age of rabbits in the wild. Molecular Vision, 2007, 13, 2030-4.	1.1	15
29	In vitro dimensions and curvatures of human lenses. Vision Research, 2006, 46, 1002-1009.	0.7	121
30	Biometry of primate lenses during immersion in preservation media. Molecular Vision, 2006, 12, 740-7.	1.1	48
31	Post-mortem water uptake by sheep lenses left in situ. Molecular Vision, 2005, 11, 749-51.	1.1	15
32	The Effect of Light Deprivation on the Mouse Lens. Experimental Eye Research, 1998, 66, 669-674.	1.2	10
33	Species Variability in Optical Parameters of the eye lens. Australasian journal of optometry, The, 1993, 76, 22-25.	0.6	15
34	Shapes and dimensions of in vitro human lenses. Australasian journal of optometry, The, 1991, 74, 223-228.	0.6	17
35	On the structure of Î±-crystallin: Construction of hybrid molecules and homopolymers. BBA - Proteins and Proteomics, 1989, 994, 246-252.	2.1	37
36	Nondestructive Method of Constructing Three-Dimensional Gradient Index Models for Crystalline Lenses: I. Theory and Experiment. Optometry and Vision Science, 1988, 65, 481-491.	0.6	51

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37	The refractive increments of bovine Î±-, Î²- and Î³-crystallins. Vision Research, 1987, 27, 1539-1541.	0.7	53
38	Ontogeny of human lens crystallins. Experimental Eye Research, 1985, 40, 393-410.	1.2	100