

David Troilo

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,946
citations

318942

23
h-index

445137

33
g-index

41
all docs

41
docs citations

41
times ranked

1639
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal properties of positive and negative defocus on emmetropization. Scientific Reports, 2022, 12, 3582.	1.6	3
2	Changing accommodation behaviour during multifocal soft contact lens wear using auditory biofeedback training. Scientific Reports, 2020, 10, 5018.	1.6	7
3	Short Interruptions of Imposed Hyperopic Defocus Earlier in Treatment are More Effective at Preventing Myopia Development. Scientific Reports, 2019, 9, 11459.	1.6	18
4	IMI “ Report on Experimental Models of Emmetropization and Myopia. , 2019, 60, M31.		241
5	Gene expression in response to optical defocus of opposite signs reveals bidirectional mechanism of visually guided eye growth. PLoS Biology, 2018, 16, e2006021.	2.6	53
6	Accommodation and Phoria in Children Wearing Multifocal Contact Lenses. Optometry and Vision Science, 2017, 94, 353-360.	0.6	51
7	The Case for Lens Treatments in the Control of Myopia Progression. Optometry and Vision Science, 2016, 93, 1045-1048.	0.6	6
8	Axial Eye Growth and Refractive Error Development Can Be Modified by Exposing the Peripheral Retina to Relative Myopic or Hyperopic Defocus. Investigative Ophthalmology and Visual Science, 2014, 55, 6765-6773.	3.3	161
9	Wavefront Aberrations of the Eye during the Development of Refractive Error. , 2014, , .		0
10	Eyes in Various Species Can Shorten to Compensate for Myopic Defocus. , 2013, 54, 2634.		38
11	The Effect of Simultaneous Negative and Positive Defocus on Eye Growth and Development of Refractive State in Marmosets. , 2012, 53, 6479.		80
12	Foveal cone density shows a rapid postnatal maturation in the marmoset monkey. Visual Neuroscience, 2011, 28, 473-484.	0.5	25
13	Ocular wavefront aberrations in the common marmoset Callithrix jacchus: Effects of age and refractive error. Vision Research, 2010, 50, 2515-2529.	0.7	11
14	Evaluation of AAV-Mediated Expression of Chop2-GFP in the Marmoset Retina. , 2010, 51, 5288.		100
15	Imposed Anisometropia, Accommodation, and Regulation of Refractive State. Optometry and Vision Science, 2009, 86, E31-E39.	0.6	46
16	Expression of synaptic and phototransduction markers during photoreceptor development in the marmoset monkey <i>Callithrix jacchus</i> . Journal of Comparative Neurology, 2009, 512, 218-231.	0.9	32
17	Accommodation and induced myopia in marmosets. Vision Research, 2007, 47, 1228-1244.	0.7	34
18	Characteristics of accommodative behavior during sustained reading in emmetropes and myopes. Vision Research, 2006, 46, 2581-2592.	0.7	102

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19	Development of the neural retina and its vasculature in the marmoset <i>Callithrix jacchus</i> . <i>Journal of Comparative Neurology</i> , 2006, 497, 270-286.	0.9	50
20	Change in the Synthesis Rates of Ocular Retinoic Acid and Scleral Glycosaminoglycan during Experimentally Altered Eye Growth in Marmosets. , 2006, 47, 1768.		78
21	Temporal Integration Characteristics of the Axial and Choroidal Responses to Myopic Defocus Induced by Prior Form Deprivation Versus Positive Spectacle Lens Wear in Chickens. <i>Optometry and Vision Science</i> , 2005, 82, 318-327.	0.6	21
22	The Response to Visual Form Deprivation Differs with Age in Marmosets. , 2005, 46, 1873.		51
23	Susceptibility to Form-Deprivation Myopia in Chicks is Not Altered by an Early Experience of Axial Myopia. <i>Optometry and Vision Science</i> , 2004, 81, 119-126.	0.6	9
24	Diurnal rhythms in intraocular pressure, axial length, and choroidal thickness in a primate model of eye growth, the common marmoset. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 2519-28.	3.3	78
25	Diurnal illumination patterns affect the development of the chick eye. <i>Vision Research</i> , 2000, 40, 2387-2393.	0.7	54
26	Levels of Control in the Refractive Development of the Eye: Evidence from Animal Models. , 1998, , 285-296.		1
27	Functional architecture of area 17 in normal and monocularly deprived marmosets (<i>Callithrix</i>) <small>Tj ETQq1 1 0.784314 rgBT / Overlock 10</small>	0.5	48
28	Factors controlling the dendritic arborization of retinal ganglion cells. <i>Visual Neuroscience</i> , 1996, 13, 721-733.	0.5	43
29	The mechanism of lenticular accommodation in chicks. <i>Vision Research</i> , 1995, 35, 1525-1540.	0.7	34
30	Differences in eye growth and the response to visual deprivation in different strains of chicken. <i>Vision Research</i> , 1995, 35, 1211-1216.	0.7	63
31	Constant light produces severe corneal flattening and hyperopia in chickens. <i>Vision Research</i> , 1995, 35, 1203-1209.	0.7	133
32	The mechanism of corneal accommodation in chicks. <i>Vision Research</i> , 1994, 34, 1549-1566.	0.7	56
33	Visual optics and retinal cone topography in the common marmoset (<i>Callithrix jacchus</i>). <i>Vision Research</i> , 1993, 33, 1301-1310.	0.7	155
34	Ocular development and visual deprivation myopia in the common marmoset (<i>Callithrix jacchus</i>). <i>Vision Research</i> , 1993, 33, 1311-1324.	0.7	172
35	Neonatal eye growth and emmetropisationâ€™A literature review. <i>Eye</i> , 1992, 6, 154-160.	1.1	119
36	The regulation of eye growth and refractive state: An experimental study of emmetropization. <i>Vision Research</i> , 1991, 31, 1237-1250.	0.7	222

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37	Developing eyes that lack accommodation grow to compensate for imposed defocus. <i>Visual Neuroscience</i> , 1990, 4, 177-183.	0.5	183
38	Experimental Studies of Emmetropization in the Chick. <i>Novartis Foundation Symposium</i> , 1990, 155, 89-114.	1.2	13
39	Visual deprivation causes myopia in chicks with optic nerve section. <i>Current Eye Research</i> , 1987, 6, 993-999.	0.7	311
40	Changes in corneal curvature during accommodation in chicks. <i>Vision Research</i> , 1987, 27, 241-247.	0.7	43