Ted Maddess

List of Publications by Year
in descending order

50 papers	896 citations	471509 17 h-index	501196 28 g-index
52 all docs	52 docs citations	52 times ranked	565 citing authors

#	Article	IF	Citations
1	Testing for glaucoma with the spatial frequency doubling illusion. Vision Research, 1999, 39, 4258-4273.	1.4	79
2	Factors governing the adaptation of cells in area-17 of the cat visual cortex. Biological Cybernetics, 1988, 59, 229-236.	1.3	65
3	Orientation-sensitive Neurons in the Brain of the Honey Bee (Apis mellifera). Journal of Insect Physiology, 1997, 43, 329-336.	2.0	65
4	Evidence for spatial aliasing effects in the Y-like cells of the magnocellular visual pathway. Vision Research, 1998, 38, 1843-1859.	1.4	58
5	Effect of temporal sparseness and dichoptic presentation on multifocal visual evoked potentials. Visual Neuroscience, 2005, 22, 45-54.	1.0	57
6	The spatiotemporal properties of the Craikâ€“Oâ€™Brienâ€“Cornsweet effect are consistent with â€˜filling-inâ€™. Vision Research, 1998, 38, 2037-2046.	1.4	51
7	Multifocal pupillographic visual field testing in glaucoma. Clinical and Experimental Ophthalmology, 2009, 37, 678-686.	2.6	51
8	Contrast response of temporally sparse dichoptic multifocal visual evoked potentials. Visual Neuroscience, 2005, 22, 153-162.	1.0	37
9	Retinotopic effects of visual attention revealed by dichoptic multifocal pupillography. Scientific Reports, 2018, 8, 2991.	3.3	28
10	Testing for glaucoma with the frequency-doubling illusion in the whole, macular and eccentric visual fields. Australian and New Zealand Journal of Ophthalmology, 1999, 27, 194-196.	0.4	27
11	Spectral sensitivity of photoreceptors in an Australian marsupial, the tammar wallaby (Macropus) Tj ETQq1 1 0.784314 rgBT /Overloc	1.4	25
12	A system of insect neurons sensitive to horizontal and vertical image motion connects the medulla and midbrain. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1991, 169, 355.	1.6	23
13	Highâ€•versus lowâ€•density multifocal pupillographic objective perimetry in glaucoma. Clinical and Experimental Ophthalmology, 2013, 41, 140-147.	2.6	23
14	Modeling the relative influence of fixation and sampling errors on retest variability in perimetry. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 1611-1619.	1.9	21
15	Multifocal Pupillographic Perimetry With White and Colored Stimuli. Journal of Glaucoma, 2011, 20, 336-343.	1.6	20
16	Apparent fineness of stationary compound gratings. Vision Research, 1999, 39, 3404-3416.	1.4	19
17	Correlations between observability of the spatial frequency doubled illusion and a multiâ€•region pattern electroretinogram. Australian and New Zealand Journal of Ophthalmology, 1997, 25, 91-93.	0.4	18
18	Discriminating of isotrigon textures. Vision Research, 2001, 41, 3837-3860.	1.4	18

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19	Comparing a parallel PERG, automated perimetry, and frequency-doubling thresholds. Investigative Ophthalmology and Visual Science, 2000, 41, 3827-32.	3.3	16
20	Binary and ternary textures containing higher-order spatial correlations. Vision Research, 2004, 44, 1093-1113.	1.4	13
21	A spatial frequency-doubling illusion-based pattern electroretinogram for glaucoma. Investigative Ophthalmology and Visual Science, 2000, 41, 3818-26.	3.3	13
22	Multilevel isotrigon textures. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2007, 24, 278.	1.5	12
23	Rural-urban differences in myopia prevalence among myopes presenting to Bhutanese retinal clinical services: a 3-year national study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 613-621.	1.9	12
24	A multipleâ€frequency, multipleâ€region pattern electroretinogram investigation of nonâ€linear retinal signals. Australian and New Zealand Journal of Ophthalmology, 1997, 25, 94-97.	0.4	11
25	Frequency doubling illusion VEPs and automated perimetry in multiple sclerosis. Documenta Ophthalmologica, 2006, 113, 29-41.	2.2	11
26	Hierarchical decomposition of dichoptic multifocal visual evoked potentials. Visual Neuroscience, 2006, 23, 703-712.	1.0	11
27	Contrast-response functions of the multifocal steady-state VEP (MSV). Clinical Neurophysiology, 2012, 123, 1865-1871.	1.5	11
28	Improving face identity perception in age-related macular degeneration via caricaturing. Scientific Reports, 2018, 8, 15205.	3.3	11
29	Assessing migraine patients with multifocal pupillographic objective perimetry. BMC Neurology, 2021, 21, 211.	1.8	9
30	Discrimination of complex textures by bees. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1999, 184, 107-117.	1.6	8
31	Employing following eye movements to discriminate normal from glaucoma subjects. Clinical and Experimental Ophthalmology, 2000, 28, 172-174.	2.6	7
32	Comparison of three tests using the frequency doubling illusion to diagnose glaucoma. Clinical and Experimental Ophthalmology, 2001, 29, 359-367.	2.6	7
33	Visual evoked potential and psychophysical contrast thresholds in glaucoma. Documenta Ophthalmologica, 2014, 128, 111-120.	2.2	7
34	Retinal laser services in Bhutan: a 3-year national survey. BMC Ophthalmology, 2020, 20, 404.	1.4	6
35	The Craik-Oâ€™Brien-Cornsweet Illusion in Honeybees. Die Naturwissenschaften, 1998, 85, 73-75.	1.6	5
36	Definition and Evaluation of the Spatio-Temporal Variations in Chlorophyll Fluorescence during the Phases of CAM and during Endogenous Rhythms in Continuous Light, in Thick Leaves ofKalanchoÃ« daigremontiana. Plant Biology, 2002, 4, 446-455.	3.8	5

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37	Discrimination of complex form by simple oscillator networks. Network: Computation in Neural Systems, 2009, 20, 233-252.	3.6	5
38	Multiple sclerosis seen through new eyes. Clinical and Experimental Ophthalmology, 2017, 45, 9-11.	2.6	5
39	Novel morphometric analysis of higher order structure of human radial peri-papillary capillaries: relevance to retinal perfusion efficiency and age. Scientific Reports, 2019, 9, 13464.	3.3	5
40	Perspectives on the use of frequency doubling and short wavelength perimetry for the diagnosis of glaucoma. Clinical and Experimental Ophthalmology, 2000, 28, 245-247.	2.6	4
41	Multifocal frequency-doubling pattern visual evoked responses to dichoptic stimulation. Clinical Neurophysiology, 2009, 120, 2100-2108.	1.5	3
42	Recovery dynamics of multifocal pupillographic objective perimetry from tropicamide dilation. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 191-200.	1.9	3
43	Relationships between retinal structure and function and vision-related quality of life measures in advanced age-related macular degeneration. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 3687-3696.	1.9	3
44	Topical chloramphenicol usage in Australia preâ€•and postâ€rescheduling as a nonâ€prescription medication. Clinical and Experimental Ophthalmology, 2021, 49, 762-765.	2.6	3
45	Response characteristics of objective perimetry in persons living with epilepsy. Journal of the Neurological Sciences, 2022, 436, 120237.	0.6	2
46	The Craikâ€O'Brienâ€Cornsweet effect and brightness induction both proceed by the spreading of brightness information. Australian and New Zealand Journal of Ophthalmology, 1998, 26, S95-7.	0.4	1
47	Lessons from biological processing of image texture. International Congress Series, 2004, 1269, 26-29.	0.2	1
48	Correspondence. Blue-yellow deficits in diabetes. Clinical and Experimental Ophthalmology, 2004, 32, 556-556.	2.6	0
49	Insights for mfVEPs from perimetry using large spatial frequency-doubling and near frequency-doubling stimuli in glaucoma. Documenta Ophthalmologica, 2020, 141, 45-55.	2.2	0
50	Re: inter-optometrist variability of IOP measurement for modern tonometers and their agreement with Goldmann Applanation Tonometry. Australasian journal of optometry, The, 2022, 105, 346-346.	1.3	0