

Roger W Li

List of Publications by Year in descending order

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36
papers

2,291
citations

430874

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395702

33
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docs citations

36
times ranked

1796
citing authors

#	ARTICLE	IF	CITATIONS
1	Meridional Anisotropy of Foveal and Peripheral Resolution Acuity in Adults With Emmetropia, Myopia, and Astigmatism. , 2021, 62, 11.		2
2	Sequential perceptual learning of letter identification and "uncrowding" in normal peripheral vision: Effects of task, training order, and cholinergic enhancement. Journal of Vision, 2020, 20, 24.	0.3	5
3	Improving Adult Amblyopic Vision with Stereoscopic 3-Dimensional Video Games. Ophthalmology, 2018, 125, 1660-1662.	5.2	13
4	Donepezil Does Not Enhance Perceptual Learning in Adults with Amblyopia: A Pilot Study. Frontiers in Neuroscience, 2017, 11, 448.	2.8	20
5	Blue-Light Filtering Spectacle Lenses: Optical and Clinical Performances. PLoS ONE, 2017, 12, e0169114.	2.5	103
6	Monocular blur alters the tuning characteristics of stereopsis for spatial frequency and size. Royal Society Open Science, 2016, 3, 160273.	2.4	18
7	Sharpening coarse-to-fine stereo vision by perceptual learning: asymmetric transfer across the spatial frequency spectrum. Royal Society Open Science, 2016, 3, 150523.	2.4	10
8	Relieving the Attentional Blink in the Amblyopic Brain with Video Games. Scientific Reports, 2015, 5, 8483.	3.3	17
9	Characteristics of fixational eye movements in amblyopia: Limitations on fixation stability and acuity?. Vision Research, 2015, 114, 87-99.	1.4	88
10	A Weber-like law for perceptual learning. Scientific Reports, 2013, 3, 1158.	3.3	30
11	Reduced sampling efficiency causes degraded Vernier hyperacuity with normal aging: Vernier acuity in position noise. Scientific Reports, 2012, 2, 300.	3.3	5
12	Learning to Identify Near-Acuity Letters, either with or without Flankers, Results in Improved Letter Size and Spacing Limits in Adults with Amblyopia. PLoS ONE, 2012, 7, e35829.	2.5	37
13	Video-Game Play Induces Plasticity in the Visual System of Adults with Amblyopia. PLoS Biology, 2011, 9, e1001135.	5.6	229
14	Removing Brakes on Adult Brain Plasticity: From Molecular to Behavioral Interventions. Journal of Neuroscience, 2010, 30, 14964-14971.	3.6	506
15	Aging and Visual Counting. PLoS ONE, 2010, 5, e13434.	2.5	8
16	Spatial noise provides new insights into the "receptive field" for Vernier acuity. Journal of Vision, 2010, 3, 353-353.	0.3	1
17	Improving the performance of the amblyopic visual system. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 399-407.	4.0	122
18	Perceptual learning as a potential treatment for amblyopia: A mini-review. Vision Research, 2009, 49, 2535-2549.	1.4	322

#	ARTICLE	IF	CITATIONS
19	Crowding between first- and second-order letters in amblyopia. <i>Vision Research</i> , 2008, 48, 788-798.	1.4	7
20	Learning to identify near-threshold luminance-defined and contrast-defined letters in observers with amblyopia. <i>Vision Research</i> , 2008, 48, 2739-2750.	1.4	37
21	Prolonged Perceptual Learning of Positional Acuity in Adult Amblyopia: Perceptual Template Retuning Dynamics. <i>Journal of Neuroscience</i> , 2008, 28, 14223-14229.	3.6	94
22	Crowding between first- and second-order letter stimuli in normal foveal and peripheral vision. <i>Journal of Vision</i> , 2007, 7, 10.	0.3	35
23	Feasibility Study on a Hyperacuity Device With Motion Uncertainty: Two-Point Stimuli. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2007, 37, 385-397.	5.0	6
24	Extended Perceptual Learning Results in Substantial Recovery of Positional Acuity and Visual Acuity in Juvenile Amblyopia. , 2007, 48, 5046.		81
25	Learning to identify contrast-defined letters in peripheral vision. <i>Vision Research</i> , 2006, 46, 1038-1047.	1.4	16
26	Identification of contrast-defined letters benefits from perceptual learning in adults with amblyopia. <i>Vision Research</i> , 2006, 46, 3853-3861.	1.4	65
27	The receptive field and internal noise for position acuity change with feature separation. <i>Journal of Vision</i> , 2006, 6, 2.	0.3	19
28	Perceptual Learning Improves Visual Performance in Juvenile Amblyopia. , 2005, 46, 3161.		81
29	“Phase capture” in amblyopia: The influence function for sampled shape. <i>Vision Research</i> , 2005, 45, 1793-1805.	1.4	9
30	Characterizing the mechanisms of improvement for position discrimination in adult amblyopia. <i>Journal of Vision</i> , 2004, 4, 7-7.	0.3	82
31	Perceptual learning improves efficiency by re-tuning the decision 'template' for position discrimination. <i>Nature Neuroscience</i> , 2004, 7, 178-183.	14.8	125
32	“Phase capture” in the perception of interpolated shape: cue combination and the influence function. <i>Vision Research</i> , 2003, 43, 2233-2243.	1.4	8
33	The expandability of the eye in childhood myopia. <i>Current Eye Research</i> , 2003, 26, 65-71.	1.5	34
34	Blur detection thresholds in childhood myopia: single and dual target presentation. <i>Vision Research</i> , 2002, 42, 239-247.	1.4	30
35	Interfacing the Shin-Nippon autorefractor SRW-5000 with a personal computer. <i>Ophthalmic and Physiological Optics</i> , 2001, 21, 114-116.	2.0	6
36	Variation in vernier acuity with age. <i>Vision Research</i> , 2000, 40, 3775-3781.	1.4	20