Dennis M Levi

List of Publications by Year
in descending order

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323 papers	17,905 citations	14644 66 h-index	18633 119 g-index
326 all docs	326 docs citations	326 times ranked	5460 citing authors

#	Article	IF	Citations
1	Crowdingâ€"An essential bottleneck for object recognition: A mini-review. Vision Research, 2008, 48, 635-654.	0.7	824
2	Vernier acuity, crowding and cortical magnification. Vision Research, 1985, 25, 963-977.	0.7	642
3	Visual crowding: a fundamental limit on conscious perception and object recognition. Trends in Cognitive Sciences, 2011, 15, 160-168.	4.0	642
4	The two-dimensional shape of spatial interaction zones in the parafovea. Vision Research, 1992, 32, 1349-1357.	0.7	556
5	Removing Brakes on Adult Brain Plasticity: From Molecular to Behavioral Interventions. Journal of Neuroscience, 2010, 30, 14964-14971.	1.7	506
6	The pattern of visual deficits in amblyopia. Journal of Vision, 2003, 3, 5.	0.1	426
7	Complete Transfer of Perceptual Learning across Retinal Locations Enabled by Double Training. Current Biology, 2008, 18, 1922-1926.	1.8	360
8	The effect of similarity and duration on spatial interaction in peripheral vision. Spatial Vision, 1994, 8, 255-279.	1.4	345
9	Vernier acuity, crowding and amblyopia. Vision Research, 1985, 25, 979-991.	0.7	339
10	Perceptual learning as a potential treatment for amblyopia: A mini-review. Vision Research, 2009, 49, 2535-2549.	0.7	322
11	Stereopsis and amblyopia: A mini-review. Vision Research, 2015, 114, 17-30.	0.7	274
12	Hyperacuity thresholds of 1 sec: theoretical predictions and empirical validation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1985, 2, 1170.	0.8	260
13	Spatial-frequency and contrast properties of crowding. Vision Research, 2001, 41, 1833-1850.	0.7	243
14	Video-Game Play Induces Plasticity in the Visual System of Adults with Amblyopia. PLoS Biology, 2011, 9, e1001135.	2.6	229
15	Rule-Based Learning Explains Visual Perceptual Learning and Its Specificity and Transfer. Journal of Neuroscience, 2010, 30, 12323-12328.	1.7	207
16	Neural plasticity in adults with amblyopia.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 6830-6834.	3.3	205
17	Suppressive and facilitatory spatial interactions in peripheral vision: Peripheral crowding is neither size invariant nor simple contrast masking. Journal of Vision, 2002, 2, 3-3.	0.1	205
18	Hyperacuity and amblyopia. Nature, 1982, 298, 268-270.	13.7	183

#	Article	IF	Citations
19	Perceptual learning in vernier acuity: What is learned?. Vision Research, 1995, 35, 519-527.	0.7	161
20	The imprecision of stereopsis. Vision Research, 1990, 30, 1763-1779.	0.7	157
21	Reaction time as a measure of suprathreshold grating detection. Vision Research, 1978, 18, 1579-1586.	0.7	154
22	Perceptual learning in contrast discrimination and the (minimal) role of context. Journal of Vision, 2004, 4, 4.	0.1	152
23	Detection and discrimination of the direction of motion in central and peripheral vision of normal and amblyopic observers. Vision Research, 1984, 24, 789-800.	0.7	151
24	Crowding in Peripheral Vision: Why Bigger Is Better. Current Biology, 2009, 19, 1988-1993.	1.8	150
25	Improving Methodological Standards in Behavioral Interventions for Cognitive Enhancement. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2019, 3, 2-29.	0.8	149
26	Visual Processing in Amblyopia: Human Studies. Strabismus, 2006, 14, 11-19.	0.4	147
27	Positional uncertainty in peripheral and amblyopic vision. Vision Research, 1987, 27, 581-597.	0.7	146
28	Sampling in spatial vision. Nature, 1986, 320, 360-362.	13.7	145
29	A dichoptic custom-made action video game as a treatment for adult amblyopia. Vision Research, 2015, 114, 173-187.	0.7	139
30	On the Filling in of the Visual Blind Spot: Some Rules of Thumb. Perception, 1995, 24, 827-840.	0.5	130
31	Undercounting features and missing features: evidence for a high-level deficit in strabismic amblyopia. Nature Neuroscience, 2000, 3, 496-501.	7.1	128
32	Perceptual learning in adults with amblyopia: A reevaluation of critical periods in human vision. Developmental Psychobiology, 2005, 46, 222-232.	0.9	126
33	Perceptual learning improves efficiency by re-tuning the decision 'template' for position discrimination. Nature Neuroscience, 2004, 7, 178-183.	7.1	125
34	Improving the performance of the amblyopic visual system. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 399-407.	1.8	122
35	Position sense of the peripheral retina. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1987, 4, 1543.	0.8	118
36	Perceptual learning in parafoveal vision. Vision Research, 1995, 35, 1679-1690.	0.7	118

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37	Spatial localization in normal and amblyopic vision. Vision Research, 1983, 23, 1005-1017.	0.7	115
38	Recovery of stereopsis through perceptual learning in human adults with abnormal binocular vision. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E733-41.	3.3	113
39	Suppressive and facilitatory spatial interactions in foveal vision: Foveal crowding is simple contrast masking. Journal of Vision, 2002, 2, 2-2.	0.1	110
40	Receptive versus perceptive fields from the reverse-correlation viewpoint. Vision Research, 2006, 46, 2465-2474.	0.7	109
41	Meaningful interactions can enhance visual discrimination of human agents. Nature Neuroscience, 2006, 9, 1186-1192.	7.1	104
42	Suppressive and facilitatory spatial interactions in amblyopic vision. Vision Research, 2002, 42, 1379-1394.	0.7	103
43	Amblyopic reading is crowded. Journal of Vision, 2007, 7, 21.	0.1	103
44	Decoupling location specificity from perceptual learning of orientation discrimination. Vision Research, 2010, 50, 368-374.	0.7	100
45	Long-range dichoptic interactions in the human visual cortex in the region corresponding to the blind spot. Vision Research, 1994, 34, 1127-1138.	0.7	99
46	Prolonged Perceptual Learning of Positional Acuity in Adult Amblyopia: Perceptual Template Retuning Dynamics. Journal of Neuroscience, 2008, 28, 14223-14229.	1.7	94
47	The role of separation and eccentricity in encoding position. Vision Research, 1990, 30, 557-585.	0.7	93
48	Visual deficits in anisometropia. Vision Research, 2011, 51, 48-57.	0.7	93
49	Binocular combination in abnormal binocular vision. Journal of Vision, 2013, 13, 14.	0.1	91
50	Training the brain to overcome the effect of aging on the human eye. Scientific Reports, 2012, 2, 278.	1.6	88
51	Characteristics of fixational eye movements in amblyopia: Limitations on fixation stability and acuity?. Vision Research, 2015, 114, 87-99.	0.7	88
52	Humans deprived of normal binocular vision have binocular interactions tuned to size and orientation. Science, 1979, 206, 852-854.	6.0	87
53	Orientation anisotropy in vernier acuity. Vision Research, 1995, 35, 2449-2461.	0.7	85
54	Peripheral positional acuity: Retinal and cortical constraints on 2-dot separation discrimination under photopic and scotopic conditions. Vision Research, 1989, 29, 789-802.	0.7	84

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55	Flicker masking in spatial vision. Vision Research, 1981, 21, 1377-1385.	0.7	82
56	Equivalent intrinsic blur in spatial vision. Vision Research, 1990, 30, 1971-1993.	0.7	82
57	Characterizing the mechanisms of improvement for position discrimination in adult amblyopia. Journal of Vision, 2004, 4, 7-7.	0.1	82
58	Perceptual Learning Improves Visual Performance in Juvenile Amblyopia. , 2005, 46, 3161.		81
59	Extended Perceptual Learning Results in Substantial Recovery of Positional Acuity and Visual Acuity in Juvenile Amblyopia. , 2007, 48, 5046.		81
60	Depth attraction and repulsion of disparate foveal stimuli. Vision Research, 1987, 27, 1361-1368.	0.7	78
61	Spatial scale of visual analysis for vernier acuity does not vary over time. Vision Research, 2000, 40, 163-171.	0.7	78
62	Binocular summation in vernier acuity. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1991, 8, 673.	0.8	77
63	Noise Provides Some New Signals About the Spatial Vision of Amblyopes. Journal of Neuroscience, 2003, 23, 2522-2526.	1.7	77
64	Task relevancy and demand modulate double-training enabled transfer of perceptual learning. Vision Research, 2012, 61, 33-38.	0.7	77
65	Recovering stereo vision by squashing virtual bugs in a virtual reality environment. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150264.	1.8	75
66	Rethinking amblyopia 2020. Vision Research, 2020, 176, 118-129.	0.7	75
67	A double dissociation of the acuity and crowding limits to letter identification, and the promise of improved visual screening. Journal of Vision, 2014, 14, 3-3.	0.1	72
68	Dichoptic hyperacuity: the precision of nonius alignment. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1987, 4, 1104.	0.8	71
69	â€œWeber's lawâ€•for position: Unconfounding the role of separation and eccentricity. Vision Research, 1988, 28, 597-603.	0.7	71
70	Spatial facilitation predicted with end-stopped spatial filters. Vision Research, 1997, 37, 3117-3127.	0.7	71
71	Spatial-interval discrimination in the human fovea: what delimits the interval?. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1987, 4, 1304.	0.8	68
72	Perceived length across the physiological blind spot. Visual Neuroscience, 1995, 12, 385-402.	0.5	68

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73	Position acuity with opposite-contrast polarity features: Evidence for a nonlinear collector mechanism for position acuity?. Vision Research, 1996, 36, 573-588.	0.7	68
74	Facilitation of contrast detection by cross-oriented surround stimuli and its psychophysical mechanisms. Journal of Vision, 2002, 2, 4-4.	0.1	68
75	Stimulus Coding Rules for Perceptual Learning. PLoS Biology, 2008, 6, e197.	2.6	67
76	Binocular combination of phase and contrast explained by a gain-control and gain-enhancement model. Journal of Vision, 2013, 13, 13.	0.1	67
77	Mechanisms of recovery of visual function in adult amblyopia through a tailored action video game. Scientific Reports, 2015, 5, 8482.	1.6	67
78	Orientation, masking, and vernier acuity for line targets. Vision Research, 1993, 33, 1619-1638.	0.7	66
79	Spatial Resolution for Feature Binding Is Impaired in Peripheral and Amblyopic Vision. Journal of Neurophysiology, 2006, 96, 142-153.	0.9	66
80	Identification of contrast-defined letters benefits from perceptual learning in adults with amblyopia. Vision Research, 2006, 46, 3853-3861.	0.7	65
81	An action video game for the treatment of amblyopia in children: A feasibility study. Vision Research, 2018, 148, 1-14.	0.7	65
82	Spatial scale shifts in amblyopia. Vision Research, 1994, 34, 3315-3333.	0.7	62
83	Surround modulation of perceived contrast and the role of brightness induction. Journal of Vision, 2001, 1, 3.	0.1	62
84	Binocular interactions in normal and anomalous binocular vision. Documenta Ophthalmologica, 1980, 49, 303-324.	1.0	61
85	Treatment of amblyopia as a function of age. Visual Neuroscience, 2018, 35, E015.	0.5	61
86	â€œCrowdingâ€•in normal and amblyopic vision assessed with Gaussian and Gabor Câ€™s. Vision Research, 2005, 45, 617-633.	0.7	60
87	What limits performance in the amblyopic visual system: Seeing signals in noise with an amblyopic brain. Journal of Vision, 2008, 8, 1.	0.1	60
88	Discrimination of position and contrast in amblyopic and peripheral vision. Vision Research, 1994, 34, 3293-3313.	0.7	59
89	Prentice Award Lecture 2011. Optometry and Vision Science, 2012, 89, 827-838.	0.6	58
90	Vernier perceptual learning transfers to completely untrained retinal locations after double training: A "piggybacking" effect. Journal of Vision, 2014, 14, 12-12.	0.1	58

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91	Is second-order spatial loss in amblyopia explained by the loss of first-order spatial input?. Vision Research, 2001, 41, 2951-2960.	0.7	55
92	Using visual noise to characterize amblyopic letter identification. Journal of Vision, 2004, 4, 6.	0.1	55
93	The essential role of stimulus temporal patterning in enabling perceptual learning. Nature Neuroscience, 2005, 8, 1497-1499.	7.1	55
94	Linking assumptions in amblyopia. Visual Neuroscience, 2013, 30, 277-287.	0.5	55
95	Perceptual Learning Improves Adult Amblyopic Vision Through Rule-Based Cognitive Compensation. , 2014, 55, 2020.		55
96	Evidence for nonlinear binocular interactions in human visual cortex. Vision Research, 1988, 28, 1139-1143.	0.7	54
97	Visibility and vernier acuity for separated targets. Vision Research, 1993, 33, 539-552.	0.7	54
98	Vernier Acuity with Non-simultaneous Targets: The Cortical Magnification Factor Estimated by Psychophysics. Vision Research, 1997, 37, 325-346.	0.7	54
99	Development of Vernier Acuity in Childhood. Optometry and Vision Science, 1997, 74, 741-750.	0.6	53
100	Spatial localization without visual references. Vision Research, 1992, 32, 513-526.	0.7	52
101	Visibility, luminance and vernier acuity. Vision Research, 1993, 33, 527-538.	0.7	52
102	Angle judgment: Is the whole the sum of its parts?. Vision Research, 1996, 36, 1721-1735.	0.7	51
103	Position jitter and undersampling in pattern perception. Vision Research, 1999, 39, 445-465.	0.7	51
104	Surround modulation in human vision unmasked by masking experiments. Nature Neuroscience, 2000, 3, 724-728.	7.1	51
105	Learning letter identification in peripheral vision. Vision Research, 2005, 45, 1399-1412.	0.7	51
106	Rebalancing binocular vision in amblyopia. Ophthalmic and Physiological Optics, 2014, 34, 199-213.	1.0	51
107	Color vision is altered during the suppression phase of binocular rivalry. Science, 1982, 218, 802-804.	6.0	50
108	Spatial scale shifts in peripheral vernier acuity. Vision Research, 1994, 34, 2215-2238.	0.7	50

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109	Spatial uncertainty and sampling efficiency in amblyopic position acuity. Vision Research, 1998, 38, 1239-1251.	0.7	50
110	â€œWeber's lawâ€•for position: the role of spatial frequency and contrast. Vision Research, 1992, 32, 2235-2250.	0.7	49
111	Visibility, timing and vernier acuity. Vision Research, 1993, 33, 505-526.	0.7	49
112	The perceived strength of illusory contours. Perception & Psychophysics, 1992, 52, 676-684.	2.3	46
113	Cross- and Iso- oriented surrounds modulate the contrast response function: The effect of surround contrast. Journal of Vision, 2003, 3, 1.	0.1	46
114	Spatial interactions reveal inhibitory cortical networks in human amblyopia. Vision Research, 2005, 45, 2810-2819.	0.7	45
115	Global contour processing in amblyopia. Vision Research, 2007, 47, 512-524.	0.7	45
116	Amblyopic and peripheral vernier acuity: a test-pedestal approach. Vision Research, 1994, 34, 3265-3292.	0.7	44
117	Suprathreshold contrast perception in functional amblyopia. Documenta Ophthalmologica, 1983, 55, 213-236.	1.0	43
118	Equivalent intrinsic blur in amblyopia. Vision Research, 1990, 30, 1995-2022.	0.7	43
119	Peripheral hyperacuity: isoeccentric bisection is better than radial bisection. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1987, 4, 1562.	0.8	42
120	The influence of adaptation on perceived visual location. Vision Research, 1997, 37, 2207-2216.	0.7	42
121	Seeing circles: what limits shape perception?. Vision Research, 2000, 40, 2329-2339.	0.7	42
122	The attentional blink in amblyopia. Journal of Vision, 2008, 8, 12-12.	0.1	42
123	Spatial interval discrimination with blurred lines: Black and white are separate but not equal at multiple spatial scales. Vision Research, 1990, 30, 1735-1750.	0.7	40
124	What is the signal in noise?. Vision Research, 2005, 45, 1835-1846.	0.7	39
125	The effect of flankers on three tasks in central, peripheral, and amblyopic vision. Journal of Vision, 2011, 11, 10-10.	0.1	39
126	Spatial and velocity tuning of processes underlying induced motion. Vision Research, 1984, 24, 1189-1195.	0.7	38

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127	Saccadic latency in amblyopia. Journal of Vision, 2016, 16, 3.	0.1	38
128	Learning to identify near-threshold luminance-defined and contrast-defined letters in observers with amblyopia. Vision Research, 2008, 48, 2739-2750.	0.7	37
129	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.	1.1	37
130	Limitations on Position Coding Imposed by Undersampling and Univariance. Vision Research, 1996, 36, 2111-2120.	0.7	35
131	Integration of local orientation in strabismic amblyopia. Vision Research, 1998, 38, 775-781.	0.7	35
132	Spatial characteristics of the second-order visual pathway revealed by positional adaptation. Nature Neuroscience, 1999, 2, 479-484.	7.1	35
133	Classification images for detection and position discrimination in the fovea and parafovea. Journal of Vision, 2002, 2, 4.	0.1	35
134	Crowding between first- and second-order letter stimuli in normal foveal and peripheral vision. Journal of Vision, 2007, 7, 10.	0.1	35
135	Peripheral hyperacuity: three-dot bisection scales to a single factor from 0 to 10 degrees. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1987, 4, 1554.	0.8	34
136	Stochastic model for detection of signals in noise. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2009, 26, B110.	0.8	34
137	Suprathreshold binocular interactions for grating patterns. Perception & Psychophysics, 1980, 27, 43-50.	2.3	33
138	Central and peripheral contrast sensitivity in amblyopia with varying field size. Documenta Ophthalmologica, 1984, 58, 351-373.	1.0	33
139	Integration of local pattern elements into a global shape in human vision. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 8267-8271.	3.3	33
140	Foveal Crowding Resolved. Scientific Reports, 2018, 8, 9177.	1.6	33
141	Spatial alignment across gaps: contributions of orientation and spatial scale. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1995, 12, 2305.	0.8	32
142	Spatial Properties of Filters Underlying Vernier Acuity Revealed by Masking: Evidence for Collator Mechanisms * *Preliminary results were reported at ARVO, 1994; Mussap, A. J. & Levi, D.M. (1994). Vernier acuity with spatially limited grating masks. Investigative Ophthalmology and Visual Science (Supplement), 35, 2065.. Vision Research, 1996, 36, 2459-2473.	0.7	32
143	Learning Optimizes Decision Templates in the Human Visual Cortex. Current Biology, 2013, 23, 1799-1804.	1.8	32
144	Both separation and eccentricity can limit precise position judgements: A reply to Morgan and Watt. Vision Research, 1989, 29, 1463-1469.	0.7	31

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145	Unmasking the mechanisms for Vernier acuity: evidence for a template model for Vernier acuity. Vision Research, 2000, 40, 951-972.	0.7	31
146	The response of the amblyopic visual system to noise. Vision Research, 2007, 47, 2531-2542.	0.7	31
147	Amblyopes see true alignment where normal observers see illusory tilt. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 11667-11672.	3.3	30
148	A Weber-like law for perceptual learning. Scientific Reports, 2013, 3, 1158.	1.6	30
149	Contrast sensitivity in amblyopia due to stimulus deprivation.. British Journal of Ophthalmology, 1980, 64, 15-20.	2.1	29
150	Spatial integration in position acuity. Vision Research, 1994, 34, 2859-2877.	0.7	29
151	On the effective number of tracked trajectories in amblyopic human vision. Journal of Vision, 2008, 8, 8.	0.1	29
152	Electrophysiological correlates of hyperacuity in the human visual cortex. Nature, 1983, 306, 468-470.	13.7	28
153	Vernier and contrast discrimination in central and peripheral vision. Vision Research, 2000, 40, 973-988.	0.7	28
154	Integration of local features into a global shape. Vision Research, 2001, 41, 1785-1790.	0.7	28
155	The perception of spatial order at a glance. Vision Research, 2005, 45, 1085-1090.	0.7	28
156	Vernier in Motion: What Accounts for the Threshold Elevation?. Vision Research, 1996, 36, 2395-2410.	0.7	27
157	Pattern perception at high velocities. Current Biology, 1996, 6, 1020-1024.	1.8	27
158	Selectivity of the evoked potential for vernier offset. Vision Research, 1985, 25, 951-961.	0.7	26
159	End stopping and length tuning in psychophysical spatial filters. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1997, 14, 2346.	0.8	26
160	Visual crowding. Current Biology, 2011, 21, R678-R679.	1.8	26
161	Binocular combination of luminance profiles. Journal of Vision, 2017, 17, 4.	0.1	26
162	Vernier acuity with plaid masks: the role of oriented filters in vernier acuity. Vision Research, 1997, 37, 1325-1340.	0.7	25

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163	Perception of mirror symmetry reveals long-range interactions between orientation-selective cortical filters. NeuroReport, 2000, 11, 2133-2138.	0.6	25
164	The prevalence and diagnosis of â€˜stereoblindnessâ€™ in adults less than 60Âyears of age: a best evidence synthesis. Ophthalmic and Physiological Optics, 2019, 39, 66-85.	1.0	24
165	Amblyopic deficits in detecting a dotted line in noise. Vision Research, 2000, 40, 3297-3307.	0.7	23
166	Psychophysical Studies of the Binocular Processes of Amblyopes. Optometry and Vision Science, 1983, 60, 454-463.	0.6	22
167	Spatial localization of motion-defined and luminance-defined contours. Vision Research, 1993, 33, 2225-2237.	0.7	22
168	The effect of contour closure on shape perception. Spatial Vision, 1999, 12, 227-238.	1.4	22
169	Scene perception from central to peripheral vision. Journal of Vision, 2017, 17, 6.	0.1	22
170	Attention deficits in Amblyopia. Current Opinion in Psychology, 2019, 29, 199-204.	2.5	22
171	Binocular beats: Psychophysical studies of binocular interaction in normal and stereoblind humans. Vision Research, 1989, 29, 27-35.	0.7	21
172	Meridional Anisotropy in the Discrimination of Parallel and Perpendicular Linesâ€”Effect of Body Tilt. Perception, 1996, 25, 633-649.	0.5	21
173	Spatial-frequency properties of letter identification in amblyopia. Vision Research, 2002, 42, 1571-1581.	0.7	21
174	Is the ability to identify deviations in multiple trajectories compromised by amblyopia?. Journal of Vision, 2006, 6, 3.	0.1	21
175	Attentional blinks as errors in temporal binding. Vision Research, 2007, 47, 2973-2981.	0.7	21
176	Temporal dynamics of directional selectivity in human vision. Journal of Vision, 2008, 8, 22.	0.1	21
177	A Sensory Mechanism for Amblyopia. Optometry and Vision Science, 1978, 55, 163-171.	0.6	20
178	Binocular Facilitation in the Visual-Evoked Potential of Strabismic Amblyopes. Optometry and Vision Science, 1981, 58, 820-830.	0.6	20
179	THE PATHOPHYSIOLOGY OF AMBLYOPIA: ELECTROPHYSIOLOGICAL STUDIES. Annals of the New York Academy of Sciences, 1982, 388, 243-260.	1.8	20
180	Temporal Dynamics of Figure-Ground Segregation in Human Vision. Journal of Neurophysiology, 2007, 97, 951-957.	0.9	20

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181	Binocular combination of stimulus orientation. Royal Society Open Science, 2016, 3, 160534.	1.1	20
182	Gains following perceptual learning are closely linked to the initial visual acuity. Scientific Reports, 2016, 6, 25188.	1.6	20
183	Donepezil Does Not Enhance Perceptual Learning in Adults with Amblyopia: A Pilot Study. Frontiers in Neuroscience, 2017, 11, 448.	1.4	20
184	Evidence for Joint Encoding of Motion and Disparity in Human Visual Perception. Journal of Neurophysiology, 2008, 100, 3117-3133.	0.9	20
185	The role of local contrast in the visual deficits of humans with naturally occurring amblyopia. Neuroscience Letters, 1992, 136, 63-66.	1.0	19
186	Pathophysiology of binocular vision and amblyopia. Current Opinion in Ophthalmology, 1994, 5, 9-14.	1.3	19
187	Feature integration in pattern perception. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 11742-11746.	3.3	19
188	Second-order spatial summation in amblyopia. Vision Research, 2005, 45, 2799-2809.	0.7	19
189	The receptive field and internal noise for position acuity change with feature separation. Journal of Vision, 2006, 6, 2.	0.1	19
190	Binocular non-stereoscopic cues can deceive clinical tests of stereopsis. Scientific Reports, 2019, 9, 5789.	1.6	19
191	Binocular vision and the control of foot placement during walking in natural terrain. Scientific Reports, 2021, 11, 20881.	1.6	19
192	Increment threshold spectral sensitivity in anisometropic amblyopia. Vision Research, 1977, 17, 585-590.	0.7	18
193	Binocular interactions in normal and anomalous binocular vision: effects of flicker.. British Journal of Ophthalmology, 1982, 66, 57-63.	2.1	18
194	Orientation-based texture segmentation in strabismic amblyopia. Vision Research, 1999, 39, 411-418.	0.7	18
195	Detecting disorder in spatial vision. Vision Research, 2000, 40, 2307-2327.	0.7	18
196	Perception of mirror symmetry in amblyopic vision. Vision Research, 2004, 44, 2475-2482.	0.7	18
197	Monocular blur alters the tuning characteristics of stereopsis for spatial frequency and size. Royal Society Open Science, 2016, 3, 160273.	1.1	18
198	Contrast increment thresholds of rhesus monkeys. Vision Research, 1982, 22, 1153-1161.	0.7	17

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199	Two-dot alignment across the physiological blind spot. Vision Research, 1996, 36, 1585-1596.	0.7	17
200	Relieving the Attentional Blink in the Amblyopic Brain with Video Games. Scientific Reports, 2015, 5, 8483.	1.6	17
201	Psychophysical Mechanisms in Humans with Amblyopia. Optometry and Vision Science, 1982, 59, 936-951.	0.6	16
202	Localization of a Peripheral Patch: The Role of Blur and Spatial Frequency. Vision Research, 1996, 36, 3785-3803.	0.7	16
203	Alignment of separated patches: multiple location tags. Vision Research, 1999, 39, 789-801.	0.7	16
204	Learning to identify contrast-defined letters in peripheral vision. Vision Research, 2006, 46, 1038-1047.	0.7	16
205	Binocular contrast discrimination needs monocular multiplicative noise. Journal of Vision, 2016, 16, 12.	0.1	16
206	Edge sensitive mechanisms in humans with abnormal visual experience. Experimental Brain Research, 1981, 43-43, 270-80.	0.7	15
207	Sensitivity to biological motion drops by â^¼1/2 log-unit with inversion, and is unaffected by amblyopia. Vision Research, 2007, 47, 1209-1214.	0.7	15
208	Image segregation in strabismic amblyopia. Vision Research, 2007, 47, 1833-1838.	0.7	15
209	Contour interaction in foveal vision: A response to Siderov, Waugh, and Bedell (2013). Vision Research, 2014, 96, 140-144.	0.7	15
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