

Dennis M Levi

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301
papers

14,709
citations

64
h-index

110
g-index

326
ext. papers

16,045
ext. citations

3.4
avg, IF

6.89
L-index

#	Paper	IF	Citations
301	Crowding--an essential bottleneck for object recognition: a mini-review. <i>Vision Research</i> , 2008 , 48, 635-54.1	4.1	698
300	Vernier acuity, crowding and cortical magnification. <i>Vision Research</i> , 1985 , 25, 963-77	2.1	581
299	Visual crowding: a fundamental limit on conscious perception and object recognition. <i>Trends in Cognitive Sciences</i> , 2011 , 15, 160-8	14	484
298	The two-dimensional shape of spatial interaction zones in the parafovea. <i>Vision Research</i> , 1992 , 32, 1349-57	2.57	484
297	Removing brakes on adult brain plasticity: from molecular to behavioral interventions. <i>Journal of Neuroscience</i> , 2010 , 30, 14964-71	6.6	414
296	Vernier acuity, crowding and amblyopia. <i>Vision Research</i> , 1985 , 25, 979-91	2.1	303
295	The effect of similarity and duration on spatial interaction in peripheral vision. <i>Spatial Vision</i> , 1994 , 8, 255-79		298
294	The pattern of visual deficits in amblyopia. <i>Journal of Vision</i> , 2003 , 3, 380-405	0.4	296
293	Complete transfer of perceptual learning across retinal locations enabled by double training. <i>Current Biology</i> , 2008 , 18, 1922-6	6.3	295
292	Perceptual learning as a potential treatment for amblyopia: a mini-review. <i>Vision Research</i> , 2009 , 49, 2535-49	2.1	244
291	Hyperacuity thresholds of 1 sec: theoretical predictions and empirical validation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1985 , 2, 1170-90	1.8	216
290	Spatial-frequency and contrast properties of crowding. <i>Vision Research</i> , 2001 , 41, 1833-50	2.1	199
289	Stereopsis and amblyopia: A mini-review. <i>Vision Research</i> , 2015 , 114, 17-30	2.1	182
288	Video-game play induces plasticity in the visual system of adults with amblyopia. <i>PLoS Biology</i> , 2011 , 9, e1001135	9.7	182
287	Neural plasticity in adults with amblyopia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 6830-4	11.5	169
286	Rule-based learning explains visual perceptual learning and its specificity and transfer. <i>Journal of Neuroscience</i> , 2010 , 30, 12323-8	6.6	164
285	Hyperacuity and amblyopia. <i>Nature</i> , 1982 , 298, 268-70	50.4	160

284	Suppressive and facilitatory spatial interactions in peripheral vision: peripheral crowding is neither size invariant nor simple contrast masking. <i>Journal of Vision</i> , 2002 , 2, 167-77	0.4	151
283	Perceptual learning in vernier acuity: what is learned?. <i>Vision Research</i> , 1995 , 35, 519-27	2.1	145
282	The imprecision of stereopsis. <i>Vision Research</i> , 1990 , 30, 1763-79	2.1	144
281	Reaction time as a measure of suprathreshold grating detection. <i>Vision Research</i> , 1978 , 18, 1579-86	2.1	144
280	Detection and discrimination of the direction of motion in central and peripheral vision of normal and amblyopic observers. <i>Vision Research</i> , 1984 , 24, 789-800	2.1	142
279	Positional uncertainty in peripheral and amblyopic vision. <i>Vision Research</i> , 1987 , 27, 581-97	2.1	133
278	Sampling in spatial vision. <i>Nature</i> , 1986 , 320, 360-2	50.4	125
277	Perceptual learning in contrast discrimination and the (minimal) role of context. <i>Journal of Vision</i> , 2004 , 4, 169-82	0.4	123
276	On the filling in of the visual blind spot: some rules of thumb. <i>Perception</i> , 1995 , 24, 827-40	1.2	120
275	Visual processing in amblyopia: human studies. <i>Strabismus</i> , 2006 , 14, 11-9	1.3	118
274	Undercounting features and missing features: evidence for a high-level deficit in strabismic amblyopia. <i>Nature Neuroscience</i> , 2000 , 3, 496-501	25.5	117
273	Perceptual learning in adults with amblyopia: a reevaluation of critical periods in human vision. <i>Developmental Psychobiology</i> , 2005 , 46, 222-32	3	116
272	Perceptual learning improves efficiency by re-tuning the decision 'template' for position discrimination. <i>Nature Neuroscience</i> , 2004 , 7, 178-83	25.5	115
271	Perceptual learning in parafoveal vision. <i>Vision Research</i> , 1995 , 35, 1679-90	2.1	111
270	Crowding in peripheral vision: why bigger is better. <i>Current Biology</i> , 2009 , 19, 1988-93	6.3	108
269	Spatial localization in normal and amblyopic vision. <i>Vision Research</i> , 1983 , 23, 1005-17	2.1	104
268	Position sense of the peripheral retina. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1987 , 4, 1543-53	1.8	101
267	Improving the performance of the amblyopic visual system. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009 , 364, 399-407	5.8	99

266	A dichoptic custom-made action video game as a treatment for adult amblyopia. <i>Vision Research</i> , 2015 , 114, 173-87	2.1	96
265	Long-range dichoptic interactions in the human visual cortex in the region corresponding to the blind spot. <i>Vision Research</i> , 1994 , 34, 1127-38	2.1	95
264	Improving Methodological Standards in Behavioral Interventions for Cognitive Enhancement. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2019 , 3, 2-29	2.4	91
263	Receptive versus perceptive fields from the reverse-correlation viewpoint. <i>Vision Research</i> , 2006 , 46, 2465-74	2.1	89
262	The role of separation and eccentricity in encoding position. <i>Vision Research</i> , 1990 , 30, 557-85	2.1	88
261	Recovery of stereopsis through perceptual learning in human adults with abnormal binocular vision. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E733-41	11.5	87
260	Meaningful interactions can enhance visual discrimination of human agents. <i>Nature Neuroscience</i> , 2006 , 9, 1186-92	25.5	87
259	Suppressive and facilitatory spatial interactions in amblyopic vision. <i>Vision Research</i> , 2002 , 42, 1379-94	2.1	87
258	Decoupling location specificity from perceptual learning of orientation discrimination. <i>Vision Research</i> , 2010 , 50, 368-74	2.1	85
257	Prolonged perceptual learning of positional acuity in adult amblyopia: perceptual template retuning dynamics. <i>Journal of Neuroscience</i> , 2008 , 28, 14223-9	6.6	84
256	Peripheral positional acuity: retinal and cortical constraints on 2-dot separation discrimination under photopic and scotopic conditions. <i>Vision Research</i> , 1989 , 29, 789-802	2.1	83
255	Orientation anisotropy in vernier acuity. <i>Vision Research</i> , 1995 , 35, 2449-2461	2.1	82
254	Humans deprived of normal binocular vision have binocular interactions tuned to size and orientation. <i>Science</i> , 1979 , 206, 852-4	33.3	81
253	Spatial scale of visual analysis for vernier acuity does not vary over time. <i>Vision Research</i> , 2000 , 40, 163-71	1.1	77
252	Equivalent intrinsic blur in spatial vision. <i>Vision Research</i> , 1990 , 30, 1971-93	2.1	76
251	Flicker masking in spatial vision. <i>Vision Research</i> , 1981 , 21, 1377-85	2.1	76
250	Suppressive and facilitatory spatial interactions in foveal vision: foveal crowding is simple contrast masking. <i>Journal of Vision</i> , 2002 , 2, 140-66	0.4	75
249	Extended perceptual learning results in substantial recovery of positional acuity and visual acuity in juvenile amblyopia. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 5046-51		72

248	Amblyopic reading is crowded. <i>Journal of Vision</i> , 2007 , 7, 21.1-17	0.4	72
247	Spatial facilitation predicted with end-stopped spatial filters. <i>Vision Research</i> , 1997 , 37, 3117-27	2.1	70
246	Characterizing the mechanisms of improvement for position discrimination in adult amblyopia. <i>Journal of Vision</i> , 2004 , 4, 476-87	0.4	70
245	Depth attraction and repulsion of disparate foveal stimuli. <i>Vision Research</i> , 1987 , 27, 1361-8	2.1	68
244	Visual deficits in anisometropia. <i>Vision Research</i> , 2011 , 51, 48-57	2.1	67
243	"Weber's law" for position: unconfounding the role of separation and eccentricity. <i>Vision Research</i> , 1988 , 28, 597-603	2.1	66
242	Task relevancy and demand modulate double-training enabled transfer of perceptual learning. <i>Vision Research</i> , 2012 , 61, 33-8	2.1	65
241	Noise provides some new signals about the spatial vision of amblyopes. <i>Journal of Neuroscience</i> , 2003 , 23, 2522-6	6.6	65
240	Perceptual learning improves visual performance in juvenile amblyopia. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 3161-8		65
239	Spatial-interval discrimination in the human fovea: what delimits the interval?. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1987 , 4, 1304-13	1.8	65
238	Position acuity with opposite-contrast polarity features: evidence for a nonlinear collector mechanism for position acuity?. <i>Vision Research</i> , 1996 , 36, 573-88	2.1	64
237	Perceived length across the physiological blind spot. <i>Visual Neuroscience</i> , 1995 , 12, 385-402	1.7	63
236	Binocular combination in abnormal binocular vision. <i>Journal of Vision</i> , 2013 , 13, 14	0.4	61
235	Spatial resolution for feature binding is impaired in peripheral and amblyopic vision. <i>Journal of Neurophysiology</i> , 2006 , 96, 142-53	3.2	61
234	Spatial scale shifts in amblyopia. <i>Vision Research</i> , 1994 , 34, 3315-33	2.1	60
233	Characteristics of fixational eye movements in amblyopia: Limitations on fixation stability and acuity?. <i>Vision Research</i> , 2015 , 114, 87-99	2.1	59
232	Training the brain to overcome the effect of aging on the human eye. <i>Scientific Reports</i> , 2012 , 2, 278	4.9	59
231	Orientation, masking, and vernier acuity for line targets. <i>Vision Research</i> , 1993 , 33, 1619-38	2.1	59

230	Binocular summation in vernier acuity. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1991 , 8, 673-80	1.8	59
229	Identification of contrast-defined letters benefits from perceptual learning in adults with amblyopia. <i>Vision Research</i> , 2006 , 46, 3853-61	2.1	56
228	A double dissociation of the acuity and crowding limits to letter identification, and the promise of improved visual screening. <i>Journal of Vision</i> , 2014 , 14, 3	0.4	55
227	Dichoptic hyperacuity: the precision of nonius alignment. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1987 , 4, 1104-8	1.8	55
226	Discrimination of position and contrast in amblyopic and peripheral vision. <i>Vision Research</i> , 1994 , 34, 3293-313	2.1	53
225	Stimulus coding rules for perceptual learning. <i>PLoS Biology</i> , 2008 , 6, e197	9.7	52
224	Learning letter identification in peripheral vision. <i>Vision Research</i> , 2005 , 45, 1399-412	2.1	51
223	Binocular interactions in normal and anomalous binocular vision. <i>Documenta Ophthalmologica</i> , 1980 , 49, 303-24	2.2	51
222	Visibility and vernier acuity for separated targets. <i>Vision Research</i> , 1993 , 33, 539-52	2.1	50
221	Binocular combination of phase and contrast explained by a gain-control and gain-enhancement model. <i>Journal of Vision</i> , 2013 , 13, 13	0.4	49
220	Vernier acuity with non-simultaneous targets: the cortical magnification factor estimated by psychophysics. <i>Vision Research</i> , 1997 , 37, 325-46	2.1	49
219	What limits performance in the amblyopic visual system: seeing signals in noise with an amblyopic brain. <i>Journal of Vision</i> , 2008 , 8, 1.1-23	0.4	49
218	Surround modulation in human vision unmasked by masking experiments. <i>Nature Neuroscience</i> , 2000 , 3, 724-8	25.5	49
217	Is second-order spatial loss in amblyopia explained by the loss of first-order spatial input?. <i>Vision Research</i> , 2001 , 41, 2951-60	2.1	49
216	Recovering stereo vision by squashing virtual bugs in a virtual reality environment. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	48
215	Spatial uncertainty and sampling efficiency in amblyopic position acuity. <i>Vision Research</i> , 1998 , 38, 1239-51		48
214	Mechanisms of recovery of visual function in adult amblyopia through a tailored action video game. <i>Scientific Reports</i> , 2015 , 5, 8482	4.9	47
213	Visibility, luminance and vernier acuity. <i>Vision Research</i> , 1993 , 33, 527-38	2.1	47

212	"Weber's law" for position: the role of spatial frequency and contrast. <i>Vision Research</i> , 1992 , 32, 2235-50.	2.1	47
211	Color vision is altered during the suppression phase of binocular rivalry. <i>Science</i> , 1982 , 218, 802-4	33.3	47
210	"Crowding" in normal and amblyopic vision assessed with Gaussian and Gabor C's. <i>Vision Research</i> , 2005 , 45, 617-33	2.1	46
209	The essential role of stimulus temporal patterning in enabling perceptual learning. <i>Nature Neuroscience</i> , 2005 , 8, 1497-9	25.5	46
208	Position jitter and undersampling in pattern perception. <i>Vision Research</i> , 1999 , 39, 445-65	2.1	46
207	Visibility, timing and vernier acuity. <i>Vision Research</i> , 1993 , 33, 505-26	2.1	46
206	Spatial localization without visual references. <i>Vision Research</i> , 1992 , 32, 513-26	2.1	46
205	Using visual noise to characterize amblyopic letter identification. <i>Journal of Vision</i> , 2004 , 4, 904-20	0.4	44
204	Facilitation of contrast detection by cross-oriented surround stimuli and its psychophysical mechanisms. <i>Journal of Vision</i> , 2002 , 2, 243-55	0.4	44
203	Spatial scale shifts in peripheral vernier acuity. <i>Vision Research</i> , 1994 , 34, 2215-38	2.1	44
202	Perceptual learning improves adult amblyopic vision through rule-based cognitive compensation 2014 , 55, 2020-30		43
201	Evidence for nonlinear binocular interactions in human visual cortex. <i>Vision Research</i> , 1988 , 28, 1139-43	2.1	43
200	Global contour processing in amblyopia. <i>Vision Research</i> , 2007 , 47, 512-24	2.1	42
199	Angle judgement: is the whole the sum of its parts?. <i>Vision Research</i> , 1996 , 36, 1721-35	2.1	42
198	Vernier perceptual learning transfers to completely untrained retinal locations after double training: a "piggybacking" effect. <i>Journal of Vision</i> , 2014 , 14, 12	0.4	41
197	Linking assumptions in amblyopia. <i>Visual Neuroscience</i> , 2013 , 30, 277-87	1.7	40
196	The influence of adaptation on perceived visual location. <i>Vision Research</i> , 1997 , 37, 2207-16	2.1	40
195	Amblyopic and peripheral vernier acuity: a test-pedestal approach. <i>Vision Research</i> , 1994 , 34, 3265-92	2.1	40

194	The perceived strength of illusory contours. <i>Perception & Psychophysics</i> , 1992 , 52, 676-84		40
193	Prentice award lecture 2011: removing the brakes on plasticity in the amblyopic brain. <i>Optometry and Vision Science</i> , 2012 , 89, 827-38	2.1	39
192	Spatial interactions reveal inhibitory cortical networks in human amblyopia. <i>Vision Research</i> , 2005 , 45, 2810-9	2.1	39
191	Spatial interval discrimination with blurred lines: black and white are separate but not equal at multiple spatial scales. <i>Vision Research</i> , 1990 , 30, 1735-50	2.1	39
190	An action video game for the treatment of amblyopia in children: A feasibility study. <i>Vision Research</i> , 2018 , 148, 1-14	2.1	38
189	Equivalent intrinsic blur in amblyopia. <i>Vision Research</i> , 1990 , 30, 1995-2022	2.1	37
188	Spatial and velocity tuning of processes underlying induced motion. <i>Vision Research</i> , 1984 , 24, 1189-95	2.1	37
187	Rebalancing binocular vision in amblyopia. <i>Ophthalmic and Physiological Optics</i> , 2014 , 34, 199-213	4.1	36
186	Development of Vernier acuity in childhood. <i>Optometry and Vision Science</i> , 1997 , 74, 741-50	2.1	36
185	Surround modulation of perceived contrast and the role of brightness induction. <i>Journal of Vision</i> , 2001 , 1, 18-31	0.4	36
184	Suprathreshold contrast perception in functional amblyopia. <i>Documenta Ophthalmologica</i> , 1983 , 55, 213-36	2.2	36
183	Peripheral hyperacuity: isoeccentric bisection is better than radial bisection. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1987 , 4, 1562-7	1.8	35
182	Seeing circles: what limits shape perception?. <i>Vision Research</i> , 2000 , 40, 2329-39	2.1	34
181	Spatial characteristics of the second-order visual pathway revealed by positional adaptation. <i>Nature Neuroscience</i> , 1999 , 2, 479-84	25.5	34
180	Integration of local orientation in strabismic amblyopia. <i>Vision Research</i> , 1998 , 38, 775-81	2.1	33
179	Learning to identify near-threshold luminance-defined and contrast-defined letters in observers with amblyopia. <i>Vision Research</i> , 2008 , 48, 2739-50	2.1	33
178	The attentional blink in amblyopia. <i>Journal of Vision</i> , 2008 , 8, 12.1-9	0.4	33
177	Limitations on position coding imposed by undersampling and univariance. <i>Vision Research</i> , 1996 , 36, 2111-20	2.1	33

176	Peripheral hyperacuity: three-dot bisection scales to a single factor from 0 to 10 degrees. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1987 , 4, 1554-61	1.8	32
175	Integration of local pattern elements into a global shape in human vision. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 8267-71	11.5	31
174	What is the signal in noise?. <i>Vision Research</i> , 2005 , 45, 1835-46	2.1	31
173	Spatial properties of filters underlying vernier acuity revealed by masking: evidence for collator mechanisms. <i>Vision Research</i> , 1996 , 36, 2459-73	2.1	29
172	Both separation and eccentricity can limit precise position judgements: a reply to Morgan and Watt. <i>Vision Research</i> , 1989 , 29, 1463-9	2.1	29
171	Treatment of amblyopia as a function of age. <i>Visual Neuroscience</i> , 2018 , 35, E015	1.7	28
170	The response of the amblyopic visual system to noise. <i>Vision Research</i> , 2007 , 47, 2531-42	2.1	28
169	Amblyopes see true alignment where normal observers see illusory tilt. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 11667-72	11.5	28
168	Central and peripheral contrast sensitivity in amblyopia with varying field size. <i>Documenta Ophthalmologica</i> , 1984 , 58, 351-73	2.2	28
167	Crowding between first- and second-order letter stimuli in normal foveal and peripheral vision. <i>Journal of Vision</i> , 2007 , 7, 10.1-13	0.4	27
166	Cross- and iso- oriented surrounds modulate the contrast response function: the effect of surround contrast. <i>Journal of Vision</i> , 2003 , 3, 527-40	0.4	27
165	Vernier and contrast discrimination in central and peripheral vision. <i>Vision Research</i> , 2000 , 40, 973-88	2.1	27
164	Integration of local features into a global shape. <i>Vision Research</i> , 2001 , 41, 1785-90	2.1	27
163	A Weber-like law for perceptual learning. <i>Scientific Reports</i> , 2013 , 3, 1158	4.9	26
162	The perception of spatial order at a glance. <i>Vision Research</i> , 2005 , 45, 1085-90	2.1	26
161	Unmasking the mechanisms for Vernier acuity: evidence for a template model for Vernier acuity. <i>Vision Research</i> , 2000 , 40, 951-72	2.1	26
160	Spatial integration in position acuity. <i>Vision Research</i> , 1994 , 34, 2859-77	2.1	26
159	Suprathreshold binocular interactions for grating patterns. <i>Perception & Psychophysics</i> , 1980 , 27, 43-50		26

158	Learning to identify near-acuity letters, either with or without flankers, results in improved letter size and spacing limits in adults with amblyopia. <i>PLoS ONE</i> , 2012 , 7, e35829	3.7	26
157	Rethinking amblyopia 2020. <i>Vision Research</i> , 2020 , 176, 118-129	2.1	26
156	The effect of flankers on three tasks in central, peripheral, and amblyopic vision. <i>Journal of Vision</i> , 2011 , 11, 10	0.4	25
155	Contrast sensitivity in amblyopia due to stimulus deprivation. <i>British Journal of Ophthalmology</i> , 1980 , 64, 15-20	5.5	25
154	Spatial alignment across gaps: contributions of orientation and spatial scale. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1995 , 12, 2305-17	1.8	24
153	Electrophysiological correlates of hyperacuity in the human visual cortex. <i>Nature</i> , 1983 , 306, 468-70	50.4	24
152	Learning optimizes decision templates in the human visual cortex. <i>Current Biology</i> , 2013 , 23, 1799-804	6.3	23
151	Pattern perception at high velocities. <i>Current Biology</i> , 1996 , 6, 1020-4	6.3	23
150	Saccadic latency in amblyopia. <i>Journal of Vision</i> , 2016 , 16, 3	0.4	23
149	Foveal Crowding Resolved. <i>Scientific Reports</i> , 2018 , 8, 9177	4.9	23
148	Stochastic model for detection of signals in noise. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2009 , 26, B110-26	1.8	22
147	Vernier acuity with plaid masks: the role of oriented filters in vernier acuity. <i>Vision Research</i> , 1997 , 37, 1325-40	2.1	22
146	On the effective number of tracked trajectories in amblyopic human vision. <i>Journal of Vision</i> , 2008 , 8, 8.1-22	0.4	22
145	Selectivity of the evoked potential for vernier offset. <i>Vision Research</i> , 1985 , 25, 951-61	2.1	22
144	Amblyopic deficits in detecting a dotted line in noise. <i>Vision Research</i> , 2000 , 40, 3297-307	2.1	21
143	Vernier in motion: what accounts for the threshold elevation?. <i>Vision Research</i> , 1996 , 36, 2395-410	2.1	21
142	Visual crowding. <i>Current Biology</i> , 2011 , 21, R678-9	6.3	20
141	End stopping and length tuning in psychophysical spatial filters. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1997 , 14, 2346-54	1.8	20

140	Classification images for detection and position discrimination in the fovea and parafovea. <i>Journal of Vision</i> , 2002 , 2, 46-65	0.4	20
139	Perception of mirror symmetry reveals long-range interactions between orientation-selective cortical filters. <i>NeuroReport</i> , 2000 , 11, 2133-8	1.7	20
138	The effect of contour closure on shape perception. <i>Spatial Vision</i> , 1999 , 12, 227-38		20
137	Spatial localization of motion-defined and luminance-defined contours. <i>Vision Research</i> , 1993 , 33, 2225-37	3.1	20
136	Psychophysical studies on the binocular processes of amblyopes. <i>Optometry and Vision Science</i> , 1983 , 60, 454-63	2.1	20
135	Attentional blinks as errors in temporal binding. <i>Vision Research</i> , 2007 , 47, 2973-81	2.1	19
134	Spatial-frequency properties of letter identification in amblyopia. <i>Vision Research</i> , 2002 , 42, 1571-81	2.1	19
133	Feature integration in pattern perception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 11742-6	11.5	18
132	Second-order spatial summation in amblyopia. <i>Vision Research</i> , 2005 , 45, 2799-809	2.1	18
131	The role of local contrast in the visual deficits of humans with naturally occurring amblyopia. <i>Neuroscience Letters</i> , 1992 , 136, 63-6	3.3	18
130	Binocular beats: psychophysical studies of binocular interaction in normal and stereoblind humans. <i>Vision Research</i> , 1989 , 29, 27-35	2.1	18
129	Binocular facilitation in the visual-evoked potential of strabismic amblyopes. <i>Optometry and Vision Science</i> , 1981 , 58, 820-30	2.1	18
128	The pathophysiology of amblyopia: electrophysiological studies. <i>Annals of the New York Academy of Sciences</i> , 1982 , 388, 243-63	6.5	18
127	A sensory mechanism for amblyopia: electrophysiological studies. <i>Optometry and Vision Science</i> , 1978 , 55, 163-71	2.1	18
126	Temporal dynamics of figure-ground segregation in human vision. <i>Journal of Neurophysiology</i> , 2007 , 97, 951-7	3.2	17
125	Detecting disorder in spatial vision. <i>Vision Research</i> , 2000 , 40, 2307-27	2.1	17
124	Meridional anisotropy in the discrimination of parallel and perpendicular lines--effect of body tilt. <i>Perception</i> , 1996 , 25, 633-49	1.2	17
123	Evidence for joint encoding of motion and disparity in human visual perception. <i>Journal of Neurophysiology</i> , 2008 , 100, 3117-33	3.2	17

122	Is the ability to identify deviations in multiple trajectories compromised by amblyopia?. <i>Journal of Vision</i> , 2006 , 6, 1367-79	0.4	16
121	Perception of mirror symmetry in amblyopic vision. <i>Vision Research</i> , 2004 , 44, 2475-82	2.1	16
120	Orientation-based texture segmentation in strabismic amblyopia. <i>Vision Research</i> , 1999 , 39, 411-8	2.1	16
119	Psychophysical mechanisms in humans with amblyopia. <i>Optometry and Vision Science</i> , 1982 , 59, 936-51	2.1	16
118	Contrast increment thresholds of rhesus monkeys. <i>Vision Research</i> , 1982 , 22, 1153-61	2.1	16
117	Increment threshold spectral sensitivity in anisometropic amblyopia. <i>Vision Research</i> , 1977 , 17, 585-90	2.1	16
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