Dennis M Levi

List of Publications by Year in Descending Order

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	Movie therapy for children with amblyopia: restoring binocular vision with brain plasticity.. *Science China Life Sciences*, **2022**, 65, 654	8.5	
300	Cortical distance unifies the extent of parafoveal contour interactions.. *Journal of Vision*, **2022**, 22, 15	0.4	1
299	Binocular vision and the control of foot placement during walking in natural terrain. *Scientific Reports*, **2021**, 11, 20881	4.9	4
298	Scaffolding depth cues and perceptual learning in VR to train stereovision: a proof of concept pilot study. *Scientific Reports*, **2021**, 11, 10129	4.9	2
297	Barriers to successful dichoptic treatment for amblyopia in young children. *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2021**, 259, 3149-3157	3.8	2
296	A unified model for binocular fusion and depth perception. *Vision Research*, **2021**, 180, 11-36	2.1	4
295	Neural correlates of visual spatial selective attention are altered at early and late processing stages in human amblyopia. *European Journal of Neuroscience*, **2021**, 53, 1086-1106	3.5	2
294	Amblyopia. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2021**, 178, 13-30	3	
293	Nearby contours abolish the binocular advantage. *Scientific Reports*, **2021**, 11, 16920	4.9	0
292	Resilience of temporal processing to early and extended visual deprivation. *Vision Research*, **2021**, 186, 80-86	2.1	2
291	Transfer of Perceptual Learning From Local Stereopsis to Global Stereopsis in Adults With Amblyopia: A Preliminary Study. *Frontiers in Neuroscience*, **2021**, 15, 719120	5.1	2
290	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	0.4	3
289	Eye on the prize: Fixational stability as a metric for the recovery of visual acuity in amblyopia. *Journal of Vision*, **2020**, 20, 558	0.4	1
288	A phase-disparity model for vergence eye-movements. *Journal of Vision*, **2020**, 20, 593	0.4	1
287	Visual cortical GABA and depth of amblyopia are negatively correlated. *Journal of Vision*, **2020**, 20, 912	0.4	
286	Cue scaffolding to train stereo-anomalous observers to rely on disparity cues. *Journal of Vision*, **2020**, 20, 300	0.4	1
285	Binocular Coordination and Interocular Balance in Amblyopia. *Journal of Vision*, **2020**, 20, 1623	0.4	

284	Rethinking amblyopia 2020. *Vision Research*, **2020**, 176, 118-129	2.1	26
283	Evaluation of a Virtual Reality implementation of a binocular imbalance test. *PLoS ONE*, **2020**, 15, e0238047	3.7	4
282	Binocular non-stereoscopic cues can deceive clinical tests of stereopsis. *Scientific Reports*, **2019**, 9, 5789	4.9	7
281	Attention deficits in Amblyopia. *Current Opinion in Psychology*, **2019**, 29, 199-204	6.2	9
280	Playing 3-dimensional (3D), but not 2D video games can improve stereoacuity in neurotypical observers.. *Journal of Vision*, **2019**, 19, 130a	0.4	2
279	A role for stereopsis in walking over complex terrains. *Journal of Vision*, **2019**, 19, 178b	0.4	6
278	A comprehensive depth perception model with filter/cross-correlation/filter (F-CC-F) structure. *Journal of Vision*, **2019**, 19, 263a	0.4	1
277	Two eyes are not better than one with crowded targets. *Journal of Vision*, **2019**, 19, 66	0.4	2
276	The gradient of parafoveal crowding. *Journal of Vision*, **2019**, 19, 13b	0.4	
275	The prevalence and diagnosis of □stereoblindness□A best evidence synthesis. *Journal of Vision*, **2019**, 19, 262b	0.4	
274	The prevalence and diagnosis of 'stereoblindness' in adults less than 60□years of age: a best evidence synthesis. *Ophthalmic and Physiological Optics*, **2019**, 39, 66-85	4.1	10
273	Improving Methodological Standards in Behavioral Interventions for Cognitive Enhancement. *Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice*, **2019**, 3, 2-29	2.4	91
272	Treatment of amblyopia as a function of age. *Visual Neuroscience*, **2018**, 35, E015	1.7	28
271	Interocular interaction for second-order stimuli depends on interocular noise correlation and eye dominance. *Journal of Vision*, **2018**, 18, 958	0.4	1
270	Optimal integration of retinal and extra-retinal information is contingent upon trans-saccadic discontinuity. *Journal of Vision*, **2018**, 18, 1292	0.4	
269	Stereoacuity predicts total movement time in a fronto-parallel prehension task. *Journal of Vision*, **2018**, 18, 60	0.4	
268	Both saccadic and manual responses in the amblyopic eye of strabismics are irreducibly delayed. *Journal of Vision*, **2018**, 18, 20	0.4	6
267	An action video game for the treatment of amblyopia in children: A feasibility study. *Vision Research* , **2018**, 148, 1-14	2.1	38

266	Improving Adult Amblyopic Vision with Stereoscopic 3-Dimensional Video Games. *Ophthalmology*, **2018**, 125, 1660-1662	7.3	6
265	Foveal Crowding Resolved. *Scientific Reports*, **2018**, 8, 9177	4.9	23
264	Binocular combination of luminance profiles. *Journal of Vision*, **2017**, 17, 4	0.4	13
263	Scene perception from central to peripheral vision. *Journal of Vision*, **2017**, 17, 6	0.4	14
262	Amblyopia **2017**,		1
261	Dressmakers show enhanced stereoscopic vision. *Scientific Reports*, **2017**, 7, 3435	4.9	8
260	Donepezil Does Not Enhance Perceptual Learning in Adults with Amblyopia: A Pilot Study. *Frontiers in Neuroscience*, **2017**, 11, 448	5.1	13
259	Interocular enhancement revealed in binocular combination. *Journal of Vision*, **2017**, 17, 154	0.4	
258	Using perceptual learning in VR to train stereo-anomalous observers to rely on disparity cues. *Journal of Vision*, **2017**, 17, 1065	0.4	
257	Influence of visual cortical GABA concentration on perceptual suppression and binocular summation in amblyopia. *Journal of Vision*, **2017**, 17, 633	0.4	
256	Combining the cholinesterase inhibitor donepezil with perceptual learning in adults with amblyopia. *Journal of Vision*, **2017**, 17, 36	0.4	
255	Monocular blur alters the tuning characteristics of stereopsis for spatial frequency and size. *Royal Society Open Science*, **2016**, 3, 160273	3.3	11
254	Noise and the Perceptual Filling-in effect. *Scientific Reports*, **2016**, 6, 24938	4.9	2
253	Sharpening coarse-to-fine stereo vision by perceptual learning: asymmetric transfer across the spatial frequency spectrum. *Royal Society Open Science*, **2016**, 3, 150523	3.3	8
252	Recovering stereo vision by squashing virtual bugs in a virtual reality environment. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2016**, 371,	5.8	48
251	The absolute disparity anomaly and the mechanism of relative disparities. *Journal of Vision*, **2016**, 16, 2	0.4	12
250	Saccadic latency in amblyopia. *Journal of Vision*, **2016**, 16, 3	0.4	23
249	Binocular contrast discrimination needs monocular multiplicative noise. *Journal of Vision*, **2016**, 16, 12	0.4	15

248	Binocular combination of stimulus orientation. *Royal Society Open Science*, **2016**, 3, 160534	3.3	14
247	Gains following perceptual learning are closely linked to the initial visual acuity. *Scientific Reports*, **2016**, 6, 25188	4.9	16
246	A dichoptic custom-made action video game as a treatment for adult amblyopia. *Vision Research*, **2015**, 114, 173-87	2.1	96
245	Characteristics of fixational eye movements in amblyopia: Limitations on fixation stability and acuity?. *Vision Research*, **2015**, 114, 87-99	2.1	59
244	Mechanisms of recovery of visual function in adult amblyopia through a tailored action video game. *Scientific Reports*, **2015**, 5, 8482	4.9	47
243	Relieving the attentional blink in the amblyopic brain with video games. *Scientific Reports*, **2015**, 5, 8483	4.9	12
242	An outstanding Journal requires exceptional reviewers. *Journal of Vision*, **2015**, 15, 18	0.4	
241	Stereopsis and amblyopia: A mini-review. *Vision Research*, **2015**, 114, 17-30	2.1	182
240	Rebalancing binocular vision in amblyopia. *Ophthalmic and Physiological Optics*, **2014**, 34, 199-213	4.1	36
239	Contour interaction in foveal vision: a response to Siderov, Waugh, and Bedell (2013). *Vision Research*, **2014**, 96, 140-4	2.1	8
238	Vernier perceptual learning transfers to completely untrained retinal locations after double training: a "piggybacking" effect. *Journal of Vision*, **2014**, 14, 12	0.4	41
237	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	0.4	55
236	Perceptual learning improves adult amblyopic vision through rule-based cognitive compensation **2014**, 55, 2020-30		43
235	Action Video Games as a Treatment of Amblyopia in Children: A Pilot Study of a novel, child-friendly action game. *Journal of Vision*, **2014**, 14, 665-665	0.4	3
234	Comparing dichoptic action video game play to patching in adults with amblyopia.. *Journal of Vision*, **2014**, 14, 691-691	0.4	3
233	Learning optimizes decision templates in the human visual cortex. *Current Biology*, **2013**, 23, 1799-804	6.3	23
232	Sensitivity to synchronicity of biological motion in normal and amblyopic vision. *Vision Research*, **2013**, 83, 9-18	2.1	5
231	Linking assumptions in amblyopia. *Visual Neuroscience*, **2013**, 30, 277-87	1.7	40

230	A Weber-like law for perceptual learning. *Scientific Reports*, **2013**, 3, 1158	4.9	26
229	Binocular combination of phase and contrast explained by a gain-control and gain-enhancement model. *Journal of Vision*, **2013**, 13, 13	0.4	49
228	Binocular combination in abnormal binocular vision. *Journal of Vision*, **2013**, 13, 14	0.4	61
227	Lazy Eye Shooter: Making a Game Therapy for Visual Recovery in Adult Amblyopia Usable. *Lecture Notes in Computer Science*, **2013**, 352-360	0.9	3
226	Task relevancy and demand modulate double-training enabled transfer of perceptual learning. *Vision Research*, **2012**, 61, 33-8	2.1	65
225	Lazy eye shooter: A novel game therapy for visual recovery in adult amblyopia **2012**,		4
224	Training the brain to overcome the effect of aging on the human eye. *Scientific Reports*, **2012**, 2, 278	4.9	59
223	Prentice award lecture 2011: removing the brakes on plasticity in the amblyopic brain. *Optometry and Vision Science*, **2012**, 89, 827-38	2.1	39
222	Reduced sampling efficiency causes degraded Vernier hyperacuity with normal aging: Vernier acuity in position noise. *Scientific Reports*, **2012**, 2, 300	4.9	5
221	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	3.7	26
220	Visual crowding: a fundamental limit on conscious perception and object recognition. *Trends in Cognitive Sciences*, **2011**, 15, 160-8	14	484
219	Visual deficits in anisometropia. *Vision Research*, **2011**, 51, 48-57	2.1	67
218	Visual crowding. *Current Biology*, **2011**, 21, R678-9	6.3	20
217	The effect of flankers on three tasks in central, peripheral, and amblyopic vision. *Journal of Vision*, **2011**, 11, 10	0.4	25
216	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	11.5	87
215	Video-game play induces plasticity in the visual system of adults with amblyopia. *PLoS Biology*, **2011**, 9, e1001135	9.7	182
214	Visual Acuity **2011**, 627-647		3
213	Spatiotemporal mechanisms for simple image feature perception in normal and amblyopic vision. *Journal of Vision*, **2010**, 10, 21	0.4	3

212	Rule-based learning explains visual perceptual learning and its specificity and transfer. *Journal of Neuroscience*, **2010**, 30, 12323-8	6.6	164
211	Removing brakes on adult brain plasticity: from molecular to behavioral interventions. *Journal of Neuroscience*, **2010**, 30, 14964-71	6.6	414
210	Decoupling location specificity from perceptual learning of orientation discrimination. *Vision Research*, **2010**, 50, 368-74	2.1	85
209	Human efficiency for classifying natural versus random text. *Vision Research*, **2010**, 50, 557-63	2.1	
208	Aging and visual counting. *PLoS ONE*, **2010**, 5, e13434	3.7	6
207	Surround motion silences signals from same-direction motion. *Journal of Neurophysiology*, **2009**, 102, 2594-602	3.2	12
206	Improving the performance of the amblyopic visual system. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2009**, 364, 399-407	5.8	99
205	Amblyopia masks the scale invariance of normal central vision. *Journal of Vision*, **2009**, 9, 22.1-11	0.4	6
204	Perceptual learning as a potential treatment for amblyopia: a mini-review. *Vision Research*, **2009**, 49, 2535-49	2.1	244
203	Crowding in peripheral vision: why bigger is better. *Current Biology*, **2009**, 19, 1988-93	6.3	108
202	Stochastic model for detection of signals in noise. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2009**, 26, B110-26	1.8	22
201	Crowding--an essential bottleneck for object recognition: a mini-review. *Vision Research*, **2008**, 48, 635-54	4.1	698
200	Crowding between first- and second-order letters in amblyopia. *Vision Research*, **2008**, 48, 788-98	2.1	7
199	Learning to identify near-threshold luminance-defined and contrast-defined letters in observers with amblyopia. *Vision Research*, **2008**, 48, 2739-50	2.1	33
198	Complete transfer of perceptual learning across retinal locations enabled by double training. *Current Biology*, **2008**, 18, 1922-6	6.3	295
197	Temporal dynamics of directional selectivity in human vision. *Journal of Vision*, **2008**, 8, 22.1-11	0.4	15
196	Prolonged perceptual learning of positional acuity in adult amblyopia: perceptual template retuning dynamics. *Journal of Neuroscience*, **2008**, 28, 14223-9	6.6	84
195	Stimulus coding rules for perceptual learning. *PLoS Biology*, **2008**, 6, e197	9.7	52

194	The attentional blink in amblyopia. *Journal of Vision*, **2008**, 8, 12.1-9	0.4	33
193	What limits performance in the amblyopic visual system: seeing signals in noise with an amblyopic brain. *Journal of Vision*, **2008**, 8, 1.1-23	0.4	49
192	On the effective number of tracked trajectories in amblyopic human vision. *Journal of Vision*, **2008**, 8, 8.1-22	0.4	22
191	Evidence for joint encoding of motion and disparity in human visual perception. *Journal of Neurophysiology*, **2008**, 100, 3117-33	3.2	17
190	Integration across Time Determines Path Deviation Discrimination for Moving Objects. *PLoS ONE*, **2008**, 3, e1930	3.7	4
189	Temporal dynamics of figure-ground segregation in human vision. *Journal of Neurophysiology*, **2007**, 97, 951-7	3.2	17
188	Extended perceptual learning results in substantial recovery of positional acuity and visual acuity in juvenile amblyopia. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 5046-51		72
187	Global contour processing in amblyopia. *Vision Research*, **2007**, 47, 512-24	2.1	42
186	Sensitivity to biological motion drops by approximately 1/2 log-unit with inversion, and is unaffected by amblyopia. *Vision Research*, **2007**, 47, 1209-14	2.1	15
185	Image segregation in strabismic amblyopia. *Vision Research*, **2007**, 47, 1833-8	2.1	13
184	Collinearity improves alignment in amblyopia as well as in normal vision. *Vision Research*, **2007**, 47, 1968-73	2.1	
183	The response of the amblyopic visual system to noise. *Vision Research*, **2007**, 47, 2531-42	2.1	28
182	Attentional blinks as errors in temporal binding. *Vision Research*, **2007**, 47, 2973-81	2.1	19
181	Amblyopic reading is crowded. *Journal of Vision*, **2007**, 7, 21.1-17	0.4	72
180	Crowding between first- and second-order letter stimuli in normal foveal and peripheral vision. *Journal of Vision*, **2007**, 7, 10.1-13	0.4	27
179	Feasibility study on a hyperacuity device with motion uncertainty: two-point stimuli. *IEEE Transactions on Systems, Man, and Cybernetics*, **2007**, 37, 385-97		5
178	Two sources of error in pop-out localization. *Vision Research*, **2006**, 46, 293-8	2.1	2
177	Learning to identify contrast-defined letters in peripheral vision. *Vision Research*, **2006**, 46, 1038-47	2.1	15

176	Receptive versus perceptive fields from the reverse-correlation viewpoint. *Vision Research*, **2006**, 46, 2465-74	2.1	89
175	Identification of contrast-defined letters benefits from perceptual learning in adults with amblyopia. *Vision Research*, **2006**, 46, 3853-61	2.1	56
174	The receptive field and internal noise for position acuity change with feature separation. *Journal of Vision*, **2006**, 6, 311-21	0.4	13
173	Is the ability to identify deviations in multiple trajectories compromised by amblyopia?. *Journal of Vision*, **2006**, 6, 1367-79	0.4	16
172	Learning with a lazy eye: a potential treatment for amblyopia. *British Journal of Ophthalmology*, **2006**, 90, 518	5.5	3
171	Visual processing in amblyopia: human studies. *Strabismus*, **2006**, 14, 11-9	1.3	118
170	Meaningful interactions can enhance visual discrimination of human agents. *Nature Neuroscience*, **2006**, 9, 1186-92	25.5	87
169	Spatial resolution for feature binding is impaired in peripheral and amblyopic vision. *Journal of Neurophysiology*, **2006**, 96, 142-53	3.2	61
168	"Crowding" in normal and amblyopic vision assessed with Gaussian and Gabor C's. *Vision Research*, **2005**, 45, 617-33	2.1	46
167	The perception of spatial order at a glance. *Vision Research*, **2005**, 45, 1085-90	2.1	26
166	Learning letter identification in peripheral vision. *Vision Research*, **2005**, 45, 1399-412	2.1	51
165	What is the signal in noise?. *Vision Research*, **2005**, 45, 1835-46	2.1	31
164	"Phase capture" in amblyopia: the influence function for sampled shape. *Vision Research*, **2005**, 45, 1793-805	2.1	8
163	Second-order spatial summation in amblyopia. *Vision Research*, **2005**, 45, 2799-809	2.1	18
162	Spatial interactions reveal inhibitory cortical networks in human amblyopia. *Vision Research*, **2005**, 45, 2810-9	2.1	39
161	Location coding by the human visual system: multiple topological adaptations in a case of strabismic amblyopia. *Perception*, **2005**, 34, 87-107	1.2	11
160	The essential role of stimulus temporal patterning in enabling perceptual learning. *Nature Neuroscience*, **2005**, 8, 1497-9	25.5	46
159	Perceptual learning in adults with amblyopia: a reevaluation of critical periods in human vision. *Developmental Psychobiology*, **2005**, 46, 222-32	3	116

158	Perceptual learning improves visual performance in juvenile amblyopia. *Investigative Ophthalmology and Visual Science*, **2005**, 46, 3161-8		65
157	Using visual noise to characterize amblyopic letter identification. *Journal of Vision*, **2004**, 4, 904-20	0.4	44
156	Perceptual learning in contrast discrimination and the (minimal) role of context. *Journal of Vision*, **2004**, 4, 169-82	0.4	123
155	Characterizing the mechanisms of improvement for position discrimination in adult amblyopia. *Journal of Vision*, **2004**, 4, 476-87	0.4	70
154	Perceptual learning improves efficiency by re-tuning the decision 'template' for position discrimination. *Nature Neuroscience*, **2004**, 7, 178-83	25.5	115
153	Perception of mirror symmetry in amblyopic vision. *Vision Research*, **2004**, 44, 2475-82	2.1	16
152	Combining cues in contour orientation discrimination. *Vision Research*, **2004**, 44, 3081-90	2.1	5
151	Noise provides some new signals about the spatial vision of amblyopes. *Journal of Neuroscience*, **2003**, 23, 2522-6	6.6	65
150	"Phase capture" in the perception of interpolated shape: cue combination and the influence function. *Vision Research*, **2003**, 43, 2233-43	2.1	7
149	Cross- and iso- oriented surrounds modulate the contrast response function: the effect of surround contrast. *Journal of Vision*, **2003**, 3, 527-40	0.4	27
148	The pattern of visual deficits in amblyopia. *Journal of Vision*, **2003**, 3, 380-405	0.4	296
147	Suppressive and facilitatory spatial interactions in foveal vision: foveal crowding is simple contrast masking. *Journal of Vision*, **2002**, 2, 140-66	0.4	75
146	Suppressive and facilitatory spatial interactions in peripheral vision: peripheral crowding is neither size invariant nor simple contrast masking. *Journal of Vision*, **2002**, 2, 167-77	0.4	151
145	Facilitation of contrast detection by cross-oriented surround stimuli and its psychophysical mechanisms. *Journal of Vision*, **2002**, 2, 243-55	0.4	44
144	Classification images for detection and position discrimination in the fovea and parafovea. *Journal of Vision*, **2002**, 2, 46-65	0.4	20
143	Collinearity improves alignment. Response to Keeble and Hess (1998). *Vision Research*, **2002**, 42, 1431-3; author reply 1435-6	2.1	5
142	Suppressive and facilitatory spatial interactions in amblyopic vision. *Vision Research*, **2002**, 42, 1379-94	2.1	87
141	Spatial-frequency properties of letter identification in amblyopia. *Vision Research*, **2002**, 42, 1571-81	2.1	19

140	Surround modulation of perceived contrast and the role of brightness induction. *Journal of Vision*, **2001**, 1, 18-31	0.4	36
139	Integration of local features into a global shape. *Vision Research*, **2001**, 41, 1785-90	2.1	27
138	Spatial-frequency and contrast properties of crowding. *Vision Research*, **2001**, 41, 1833-50	2.1	199
137	Is second-order spatial loss in amblyopia explained by the loss of first-order spatial input?. *Vision Research*, **2001**, 41, 2951-60	2.1	49
136	Perception of mirror symmetry reveals long-range interactions between orientation-selective cortical filters. *NeuroReport*, **2000**, 11, 2133-8	1.7	20
135	Undercounting features and missing features: evidence for a high-level deficit in strabismic amblyopia. *Nature Neuroscience*, **2000**, 3, 496-501	25.5	117
134	Surround modulation in human vision unmasked by masking experiments. *Nature Neuroscience*, **2000**, 3, 724-8	25.5	49
133	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, 11667-72	11.5	28
132	Detecting disorder in spatial vision. *Vision Research*, **2000**, 40, 2307-27	2.1	17
131	Seeing circles: what limits shape perception?. *Vision Research*, **2000**, 40, 2329-39	2.1	34
130	A new illusion demonstrates long-range processing. *Vision Research*, **2000**, 40, 2545-9	2.1	12
129	Amblyopic deficits in detecting a dotted line in noise. *Vision Research*, **2000**, 40, 3297-307	2.1	21
128	Spatial scale of visual analysis for vernier acuity does not vary over time. *Vision Research*, **2000**, 40, 163-71	2.1	77
127	Dynamic random noise shrinks the twinkling aftereffect induced by artificial scotomas. *Vision Research*, **2000**, 40, 805-16	2.1	9
126	Unmasking the mechanisms for Vernier acuity: evidence for a template model for Vernier acuity. *Vision Research*, **2000**, 40, 951-72	2.1	26
125	Vernier and contrast discrimination in central and peripheral vision. *Vision Research*, **2000**, 40, 973-88	2.1	27
124	Progress and paradigm shifts in spatial vision over the 20 years of ECVP. *Perception*, **1999**, 28, 1443-59	1.2	8
123	The effect of contour closure on shape perception. *Spatial Vision*, **1999**, 12, 227-38		20

122	Spatial characteristics of the second-order visual pathway revealed by positional adaptation. *Nature Neuroscience*, **1999**, 2, 479-84	25.5	34
121	Alignment of separated patches: multiple location tags. *Vision Research*, **1999**, 39, 789-801	2.1	14
120	Position jitter and undersampling in pattern perception. *Vision Research*, **1999**, 39, 445-65	2.1	46
119	Orientation-based texture segmentation in strabismic amblyopia. *Vision Research*, **1999**, 39, 411-8	2.1	16
118	Looking behind a pathological blind spot in human retina. *Vision Research*, **1999**, 39, 1917-25	2.1	9
117	The time course of psychophysical end-stopping. *Vision Research*, **1999**, 39, 2063-73	2.1	9
116	Sparse-sampling of gratings in the visual cortex of strabismic amblyopes. *Vision Research*, **1999**, 39, 3526-36	2.1	14
115	Spatial uncertainty and sampling efficiency in amblyopic position acuity. *Vision Research*, **1998**, 38, 1239-51	2.1	48
114	Stimulus uncertainty affects velocity discrimination. *Vision Research*, **1998**, 38, 1265-72	2.1	9
113	Integration of local orientation in strabismic amblyopia. *Vision Research*, **1998**, 38, 775-81	2.1	33
112	Rectification nonlinearity in cortical end-stopped perceptive fields. *Vision Research*, **1998**, 38, 3517-30	2.1	4
111	Naso-temporal asymmetry of spatial interactions in strabismic amblyopia. *Optometry and Vision Science*, **1998**, 75, 424-32	2.1	4
110	Selective attention to specific location cues: the peak and center of a patch are equally accessible as location cues. *Perception*, **1998**, 27, 1015-23	1.2	6
109	Spatial-frequency and orientation tuning in psychophysical end-stopping. *Visual Neuroscience*, **1998**, 15, 585-95	1.7	11
108	Development of Vernier acuity in childhood. *Optometry and Vision Science*, **1997**, 74, 741-50	2.1	36
107	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, 8267-71	11.5	31
106	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, 2346-54	1.8	20
105	Vernier acuity with non-simultaneous targets: the cortical magnification factor estimated by psychophysics. *Vision Research*, **1997**, 37, 325-46	2.1	49

104	Vernier acuity with plaid masks: the role of oriented filters in vernier acuity. *Vision Research*, **1997**, 37, 1325-40	2.1	22
103	The influence of adaptation on perceived visual location. *Vision Research*, **1997**, 37, 2207-16	2.1	40
102	Cortical end-stopped perceptive fields: evidence from dichoptic and amblyopic studies. *Vision Research*, **1997**, 37, 2261-70	2.1	10
101	Moving vernier in amblyopic and peripheral vision: greater tolerance to motion blur. *Vision Research* , **1997**, 37, 2527-33	2.1	7
100	Cortical components of the Westheimer function. *Vision Research*, **1997**, 37, 2535-44	2.1	11
99	Spatial facilitation predicted with end-stopped spatial filters. *Vision Research*, **1997**, 37, 3117-27	2.1	70
98	Feature integration in pattern perception. *Proceedings of the National Academy of Sciences of the United States of America*, **1997**, 94, 11742-6	11.5	18
97	Ricco's diameter for line detection increases with stimulus velocity. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **1996**, 13, 2129-34	1.8	4
96	Position acuity with opposite-contrast polarity features: evidence for a nonlinear collector mechanism for position acuity?. *Vision Research*, **1996**, 36, 573-88	2.1	64
95	Intrinsic uncertainty and integration efficiency in bisection acuity. *Vision Research*, **1996**, 36, 717-39	2.1	11
94	Angle judgement: is the whole the sum of its parts?. *Vision Research*, **1996**, 36, 1721-35	2.1	42
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