David Charles Burr

List of Publications by Citations

287 papers	16,586 citations	70 h-index	120 g-index
306 ext. papers	18,588 ext. citations	5.7 avg, IF	7.05 L-index

#	Paper	IF	Citations
287	The ventriloquist effect results from near-optimal bimodal integration. *Current Biology*, **2004**, 14, 257-62	6.3	1260
286	Compression of visual space before saccades. *Nature*, **1997**, 386, 598-601	50.4	572
285	Selective suppression of the magnocellular visual pathway during saccadic eye movements. *Nature*, **1994**, 371, 511-3	50.4	558
284	When the world becomes 'too real': a Bayesian explanation of autistic perception. *Trends in Cognitive Sciences*, **2012**, 16, 504-10	14	554
283	Changes in visual perception at the time of saccades. *Trends in Neurosciences*, **2001**, 24, 113-21	13.3	445
282	A visual sense of number. *Current Biology*, **2008**, 18, 425-8	6.3	427
281	Young children do not integrate visual and haptic form information. *Current Biology*, **2008**, 18, 694-8	6.3	371
280	Saccadic eye movements cause compression of time as well as space. *Nature Neuroscience*, **2005**, 8, 950-4	25.5	320
279	A cortical area that responds specifically to optic flow, revealed by fMRI. *Nature Neuroscience*, **2000**, 3, 1322-8	25.5	319
278	Motion smear. *Nature*, **1980**, 284, 164-5	50.4	291
277	Seeing biological motion. *Nature*, **1998**, 395, 894-6	50.4	244
276	Spatial and temporal selectivity of the human motion detection system. *Vision Research*, **1985**, 25, 1147-54	2.1	242
275	Contrast sensitivity at high velocities. *Vision Research*, **1982**, 22, 479-84	2.1	231
274	Two stages of visual processing for radial and circular motion. *Nature*, **1995**, 376, 507-9	50.4	218
273	Neural mechanisms for timing visual events are spatially selective in real-world coordinates. *Nature Neuroscience*, **2007**, 10, 423-5	25.5	211
272	Mach bands are phase dependent. *Nature*, **1986**, 324, 250-253	50.4	187
271	Optimal encoding of interval timing in expert percussionists. *Journal of Neuroscience*, **2012**, 32, 1056-60	6.6	169

270	Motion psychophysics: 1985-2010. *Vision Research*, **2011**, 51, 1431-56	2.1	161
269	Auditory dominance over vision in the perception of interval duration. *Experimental Brain Research*, **2009**, 198, 49-57	2.3	160
268	Number As a Primary Perceptual Attribute: A Review. *Perception*, **2016**, 45, 5-31	1.2	152
267	Apparent position of visual targets during real and simulated saccadic eye movements. *Journal of Neuroscience*, **1997**, 17, 7941-53	6.6	150
266	Abnormal adaptive face-coding mechanisms in children with autism spectrum disorder. *Current Biology*, **2007**, 17, 1508-12	6.3	147
265	Using psilocybin to investigate the relationship between attention, working memory, and the serotonin 1A and 2A receptors. *Journal of Cognitive Neuroscience*, **2005**, 17, 1497-508	3.1	147
264	Compressive mapping of number to space reflects dynamic encoding mechanisms, not static logarithmic transform. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 7867-72	11.5	146
263	Recognition of positive and negative bandpass-filtered images. *Perception*, **1986**, 15, 595-602	1.2	143
262	Impairment of auditory spatial localization in congenitally blind human subjects. *Brain*, **2014**, 137, 288-93	11.2	142
261	Separate mechanisms for perception of numerosity and density. *Psychological Science*, **2014**, 25, 265-70	7.9	142
260	Selective depression of motion sensitivity during saccades. *Journal of Physiology*, **1982**, 333, 1-15	3.9	141
259	Poor haptic orientation discrimination in nonsighted children may reflect disruption of cross-sensory calibration. *Current Biology*, **2010**, 20, 223-5	6.3	139
258	Subitizing but not estimation of numerosity requires attentional resources. *Journal of Vision*, **2010**, 10, 20	0.4	133
257	Visual aftereffects. *Current Biology*, **2009**, 19, R11-4	6.3	126
256	Direct evidence that "speedlines" influence motion mechanisms. *Journal of Neuroscience*, **2002**, 22, 8661-6	6.6	125
255	Spatiotopic selectivity of BOLD responses to visual motion in human area MT. *Nature Neuroscience*, **2007**, 10, 249-55	25.5	123
254	Temporal integration of optic flow, measured by contrast and coherence thresholds. *Vision Research*, **2001**, 41, 1891-9	2.1	123
253	The effects of aging on the pattern electroretinogram and visual evoked potential in humans. *Vision Research*, **1992**, 32, 1199-209	2.1	120

252	How does binocular delay give information about depth?. *Vision Research*, **1979**, 19, 523-32	2.1	115
251	Visual processing of motion. *Trends in Neurosciences*, **1986**, 9, 304-307	13.3	109
250	Evidence for edge and bar detectors in human vision. *Vision Research*, **1989**, 29, 419-31	2.1	105
249	Receptive field size of human motion detection units. *Vision Research*, **1987**, 27, 621-35	2.1	101
248	Separate attentional resources for vision and audition. *Proceedings of the Royal Society B: Biological Sciences*, **2006**, 273, 1339-45	4.4	98
247	Separate visual representations for perception and action revealed by saccadic eye movements. *Current Biology*, **2001**, 11, 798-802	6.3	97
246	Feature-based integration of orientation signals in visual search. *Vision Research*, **2000**, 40, 1293-300	2.1	94
245	Saccades compress space, time and number. *Trends in Cognitive Sciences*, **2010**, 14, 528-33	14	93
244	The "Flash-Lag" effect occurs in audition and cross-modally. *Current Biology*, **2003**, 13, 59-63	6.3	93
243	No direction-specific bimodal facilitation for audiovisual motion detection. *Cognitive Brain Research* , **2004**, 19, 185-94		92
242	Brief periods of monocular deprivation disrupt ocular balance in human adult visual cortex. *Current Biology*, **2011**, 21, R538-9	6.3	90
241	Semantic confusion regarding the development of multisensory integration: a practical solution. *European Journal of Neuroscience*, **2010**, 31, 1713-20	3.5	90
240	Spatial summation properties of directionally selective mechanisms in human vision. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **1991**, 8, 1330-9	1.8	90
239	Vision senses number directly. *Journal of Vision*, **2010**, 10, 10.1-8	0.4	89
238	Large receptive fields for optic flow detection in humans. *Vision Research*, **1998**, 38, 1731-43	2.1	89
237	Visual ageing: unspecific decline of the responses to luminance and colour. *Vision Research*, **1996**, 36, 3557-66	2.1	89
236	Spontaneous perception of numerosity in humans. *Nature Communications*, **2016**, 7, 12536	17.4	87
235	Development of visuo-auditory integration in space and time. *Frontiers in Integrative Neuroscience*, **2012**, 6, 77	3.2	86

234	Spatial neglect is associated with increased latencies of visual evoked potentials. *Visual Neuroscience*, **1994**, 11, 909-18	1.7	86
233	Suppression of the magnocellular pathway during saccades. *Behavioural Brain Research*, **1996**, 80, 1-8	3.4	85
232	Serial dependencies act directly on perception. *Journal of Vision*, **2017**, 17, 6	0.4	84
231	Spatiotopic coding and remapping in humans. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2011**, 366, 504-15	5.8	83
230	Smooth and sampled motion. *Vision Research*, **1986**, 26, 643-52	2.1	83
229	Acuity for apparent vernier offset. *Vision Research*, **1979**, 19, 835-7	2.1	82
228	Visual sustained attention and numerosity sensitivity correlate with math achievement in children. *Journal of Experimental Child Psychology*, **2013**, 116, 380-91	2.3	77
227	Effect of saccadic adaptation on localization of visual targets. *Journal of Neurophysiology*, **2005**, 93, 3605-14	3.1	76
226	Sensitivity to spatial phase. *Vision Research*, **1980**, 20, 391-6	2.1	76
225	Impulse-response functions for chromatic and achromatic stimuli. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **1993**, 10, 1706	1.8	75
224	Receptive field properties of human motion detector units inferred from spatial frequency masking. *Vision Research*, **1989**, 29, 1343-58	2.1	74
223	Temporal impulse response functions for luminance and colour during saccades. *Vision Research*, **1996**, 36, 2069-78	2.1	73
222	Evidence for the existence and development of visual inhibition in humans. *Nature*, **1986**, 321, 235-7	50.4	73
221	Linear mapping of numbers onto space requires attention. *Cognition*, **2012**, 122, 454-9	3.5	72
220	Development of infant contrast sensitivity to chromatic stimuli. *Vision Research*, **1993**, 33, 2535-52	2.1	72
219	A generalized sense of number. *Proceedings of the Royal Society B: Biological Sciences*, **2014**, 281,	4.4	70
218	Combining visual and auditory information. *Progress in Brain Research*, **2006**, 155, 243-58	2.9	70
217	Numerosity but not texture-density discrimination correlates with math ability in children. *Developmental Psychology*, **2016**, 52, 1206-16	3.7	70

216	Different coding strategies for the perception of stable and changeable facial attributes. *Scientific Reports*, **2016**, 6, 32239	4.9	67
215	Effects of adaptation on numerosity decoding in the human brain. *NeuroImage*, **2016**, 143, 364-377	7.9	65
214	Spatiotemporal distortions of visual perception at the time of saccades. *Journal of Neuroscience*, **2009**, 29, 13147-57	6.6	65
213	The functional role of serial dependence. *Proceedings of the Royal Society B: Biological Sciences*, **2018**, 285,	4.4	65
212	The conditions under which Mach bands are visible. *Vision Research*, **1989**, 29, 699-715	2.1	64
211	Spatial and temporal properties of neurons of the lateral suprasylvian cortex of the cat. *Journal of Neurophysiology*, **1986**, 56, 969-86	3.2	64
210	Central tendency effects in time interval reproduction in autism. *Scientific Reports*, **2016**, 6, 28570	4.9	61
209	Long-term effects of monocular deprivation revealed with binocular rivalry gratings modulated in luminance and in color. *Journal of Vision*, **2013**, 13,	0.4	61
208	Cross-orientation inhibition in cat is GABA mediated. *Experimental Brain Research*, **1987**, 67, 635-44	2.3	61
207	Children with autism spectrum disorder show reduced adaptation to number. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 7868-72	11.5	60
206	Two-dimensional spatial and spatial-frequency selectivity of motion-sensitive mechanisms in human vision. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **1991**, 8, 1340-51	1.8	60
205	Spatiotopic coding of BOLD signal in human visual cortex depends on spatial attention. *PLoS ONE*, **2011**, 6, e21661	3.7	59
204	Perceptual synchrony of audiovisual streams for natural and artificial motion sequences. *Journal of Vision*, **2006**, 6, 260-8	0.4	58
203	Visual clutter causes high-magnitude errors. *PLoS Biology*, **2006**, 4, e56	9.7	53
202	Mechanisms for perception of numerosity or texture-density are governed by crowding-like effects. *Journal of Vision*, **2015**, 15, 4	0.4	52
201	Transient spatiotopic integration across saccadic eye movements mediates visual stability. *Journal of Neurophysiology*, **2013**, 109, 1117-25	3.2	52
200	Reaction time to motion onset of luminance and chromatic gratings is determined by perceived speed. *Vision Research*, **1998**, 38, 3681-90	2.1	52
199	Vision: efficient adaptive coding. *Current Biology*, **2014**, 24, R1096-8	6.3	51

198	Spatiotopic neural representations develop slowly across saccades. *Current Biology*, **2013**, 23, R193-4	6.3	50
197	Early visual deprivation severely compromises the auditory sense of space in congenitally blind children. *Developmental Psychology*, **2016**, 52, 847-53	3.7	49
196	Added noise restores recognizability of coarse quantized images. *Nature*, **1983**, 305, 226-8	50.4	48
195	Higher-level mechanisms detect facial symmetry. *Proceedings of the Royal Society B: Biological Sciences*, **2005**, 272, 1379-84	4.4	47
194	Development of the temporal properties of visual evoked potentials to luminance and colour contrast in infants. *Vision Research*, **1996**, 36, 3141-55	2.1	47
193	Implications of the Craik-O'Brien illusion for brightness perception. *Vision Research*, **1987**, 27, 1903-13	2.1	47
192	Motion vision: are 'speed lines' used in human visual motion?. *Current Biology*, **2000**, 10, R440-3	6.3	45
191	No rapid audiovisual recalibration in adults on the autism spectrum. *Scientific Reports*, **2016**, 6, 21756	4.9	45
190	Psychophysical evidence for the number sense. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2017**, 373,	5.8	43
189	Cardinal directions for visual optic flow. *Current Biology*, **1999**, 9, 763-6	6.3	43
188	The effects of ageing on reaction times to motion onset. *Vision Research*, **1999**, 39, 2157-64	2.1	43
187	Discrimination of spatial phase in central and peripheral vision. *Vision Research*, **1989**, 29, 433-45	2.1	43
186	Inhibitory interactions in the human vision system revealed in pattern-evoked potentials. *Journal of Physiology*, **1987**, 389, 1-21	3.9	43
185	Spatial position information accumulates steadily over time. *Journal of Neuroscience*, **2013**, 33, 18396-406	6.6	42
184	Spatiotopic perceptual maps in humans: evidence from motion adaptation. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 3091-7	4.4	42
183	Psilocybin impairs high-level but not low-level motion perception. *NeuroReport*, **2004**, 15, 1947-51	1.7	42
182	Intra-cortical inhibition prevents simple cells from responding to textured visual patterns. *Experimental Brain Research*, **1981**, 43, 455-8	2.3	42
181	Orientation discrimination depends on spatial frequency. *Vision Research*, **1991**, 31, 1449-52	2.1	40

180	Temporal mechanisms of multimodal binding. *Proceedings of the Royal Society B: Biological Sciences*, **2009**, 276, 1761-9	4.4	39
179	The effects of cross-sensory attentional demand on subitizing and on mapping number onto space. *Vision Research*, **2012**, 74, 102-9	2.1	38
178	Fusion of visual and auditory stimuli during saccades: a Bayesian explanation for perisaccadic distortions. *Journal of Neuroscience*, **2007**, 27, 8525-32	6.6	38
177	Vision and audition do not share attentional resources in sustained tasks. *Frontiers in Psychology*, **2011**, 2, 56	3.4	37
176	Adaptation to number operates on perceived rather than physical numerosity. *Cognition*, **2016**, 151, 63-67	3.5	36
175	Auditory Sensitivity and Decision Criteria Oscillate at Different Frequencies Separately for the Two Ears. *Current Biology*, **2017**, 27, 3643-3649.e3	6.3	36
174	Spatiotopic selectivity of adaptation-based compression of event duration. *Journal of Vision*, **2011**, 11, 21; author reply 21a	0.4	36
173	Perceived duration of Visual and Tactile Stimuli Depends on Perceived Speed. *Frontiers in Integrative Neuroscience*, **2011**, 5, 51	3.2	36
172	Temporal Coding of Visual Space. *Trends in Cognitive Sciences*, **2018**, 22, 883-895	14	36
171	Saccadic suppression precedes visual motion analysis. *Current Biology*, **1999**, 9, 1207-9	6.3	35
170	Local regulation of luminance gain. *Vision Research*, **1985**, 25, 717-27	2.1	35
169	A shared numerical representation for action and perception. *ELife*, **2016**, 5,	8.9	34
168	Predictive coding of multisensory timing. *Current Opinion in Behavioral Sciences*, **2016**, 8, 200-206	4	34
167	Spatiotopic visual maps revealed by saccadic adaptation in humans. *Current Biology*, **2011**, 21, 1380-4	6.3	33
166	Adaptation affects both high and low (subitized) numbers under conditions of high attentional load. *Seeing and Perceiving*, **2011**, 24, 141-50		33
165	Visual size perception and haptic calibration during development. *Developmental Science*, **2012**, 15, 854-62	4.5	32
164	Constructing stable spatial maps of the world. *Perception*, **2012**, 41, 1355-72	1.2	32
163	Spatial but not temporal numerosity thresholds correlate with formal math skills in children. *Developmental Psychology*, **2018**, 54, 458-473	3.7	32

162	Pupillometry reveals perceptual differences that are tightly linked to autistic traits in typical adults. *ELife*, **2018**, 7,	8.9	31
161	The effects of opposite-polarity dipoles on the detection of Glass patterns. *Vision Research*, **2006**, 46, 1139-44	2.1	31
160	Meaningful auditory information enhances perception of visual biological motion. *Journal of Vision*, **2009**, 9, 25.1-7	0.4	30
159	Area Prostriata in the Human Brain. *Current Biology*, **2017**, 27, 3056-3060.e3	6.3	29
158	Impaired visual size-discrimination in children with movement disorders. *Neuropsychologia*, **2012**, 50, 1838-43	3.2	29
157	Optimal multimodal integration in spatial localization. *Journal of Neuroscience*, **2013**, 33, 14259-68	6.6	29
156	Time perception: space-time in the brain. *Current Biology*, **2006**, 16, R171-3	6.3	29
155	A feature-based model of symmetry detection. *Proceedings of the Royal Society B: Biological Sciences*, **2003**, 270, 1727-33	4.4	29
154	Dependency of reaction times to motion onset on luminance and chromatic contrast. *Vision Research*, **2001**, 41, 1039-48	2.1	29
153	Spatial maps for time and motion. *Experimental Brain Research*, **2010**, 206, 121-8	2.3	28
152	The motion aftereffect of transparent motion: two temporal channels account for perceived direction. *Vision Research*, **2005**, 45, 403-12	2.1	28
151	"Pop-out" of targets modulated in luminance or colour: the effect of intrinsic and extrinsic uncertainty. *Vision Research*, **2004**, 44, 1227-33	2.1	28
150	VEP in neglect patients have longer latencies for luminance but not for chromatic patterns. *NeuroReport*, **1996**, 7, 815-9	1.7	28
149	Summation of target and mask metacontrast stimuli. *Perception*, **1984**, 13, 183-92	1.2	27
148	Past visual experiences weigh in on body size estimation. *Scientific Reports*, **2018**, 8, 215	4.9	26
147	Cross-Sensory Facilitation Reveals Neural Interactions between Visual and Tactile Motion in Humans. *Frontiers in Psychology*, **2011**, 2, 55	3.4	26
146	Direct and indirect haptic calibration of visual size judgments. *PLoS ONE*, **2011**, 6, e25599	3.7	26
145	Reduced perceptual sensitivity for biological motion in paraplegia patients. *Current Biology*, **2011**, 21, R910-1	6.3	26

144	Pattern-reversal electroretinogram in response to chromatic stimuli: I. Humans. *Visual Neuroscience* , **1994**, 11, 861-71	1.7	26
143	Sensory integration deficits support a dimensional view of psychosis and are not limited to schizophrenia. *Translational Psychiatry*, **2017**, 7, e1118	8.6	25
142	Development of context dependency in human space perception. *Experimental Brain Research*, **2014**, 232, 3965-76	2.3	25
141	"Non-retinotopic processing" in Ternus motion displays modeled by spatiotemporal filters. *Journal of Vision*, **2012**, 12,	0.4	25
140	Pattern-reversal electroretinogram in response to chromatic stimuli: II. Monkey. *Visual Neuroscience* , **1994**, 11, 873-84	1.7	25
139	Neural latencies do not explain the auditory and audio-visual flash-lag effect. *Vision Research*, **2005**, 45, 2917-25	2.1	23
138	Eye movements: keeping vision stable. *Current Biology*, **2004**, 14, R195-7	6.3	23
137	Vision: in the blink of an eye. *Current Biology*, **2005**, 15, R554-6	6.3	23
136	Cardinal axes for radial and circular motion, revealed by summation and by masking. *Vision Research* , **2001**, 41, 473-81	2.1	22
135	Buildup of spatial information over time and across eye-movements. *Behavioural Brain Research*, **2014**, 275, 281-7	3.4	21
134	Contextual effects in interval-duration judgements in vision, audition and touch. *Experimental Brain Research*, **2013**, 230, 87-98	2.3	21
133	The light-from-above prior is intact in autistic children. *Journal of Experimental Child Psychology*, **2017**, 161, 113-125	2.3	21
132	A preliminary investigation of neural function and dysfunction in amblyopia--III. Co-operative activity of amblyopic channels. *Vision Research*, **1980**, 20, 757-60	2.1	21
131	Adaptation to numerosity requires only brief exposures, and is determined by number of events, not exposure duration. *Journal of Vision*, **2016**, 16, 22	0.4	21
130	Higher attentional costs for numerosity estimation at high densities. *Attention, Perception, and Psychophysics*, **2019**, 81, 2604-2611	2	20
129	Response: Visual number. *Current Biology*, **2008**, 18, R857-R858	6.3	20
128	An adaptive approach to scale selection for line and edge detection. *Pattern Recognition Letters*, **1995**, 16, 667-677	4.7	20
127	Visual acuity of neurones in the cat lateral suprasylvian cortex. *Brain Research*, **1985**, 331, 382-5	3.7	20

126	Connecting visual objects reduces perceived numerosity and density for sparse but not dense patterns. *Journal of Numerical Cognition*, **2017**, 3, 133-146	1.6	20
125	Simultaneous and sequential subitizing are separate systems, and neither predicts math abilities. *Journal of Experimental Child Psychology*, **2019**, 178, 86-103	2.3	20
124	Musical training generalises across modalities and reveals efficient and adaptive mechanisms for reproducing temporal intervals. *Acta Psychologica*, **2014**, 147, 25-33	1.7	19
123	Underestimation of perceived number at the time of saccades. *Vision Research*, **2011**, 51, 34-42	2.1	19
122	Atypicalities in perceptual adaptation in autism do not extend to perceptual causality. *PLoS ONE*, **2015**, 10, e0120439	3.7	19
121	The oblique effect is both allocentric and egocentric. *Journal of Vision*, **2015**, 15, 24	0.4	18
120	Active movement restores veridical event-timing after tactile adaptation. *Journal of Neurophysiology*, **2012**, 108, 2092-100	3.2	18
119	Capture and transparency in coarse quantized images. *Vision Research*, **1997**, 37, 2609-29	2.1	18
118	Time, number and attention in very low birth weight children. *Neuropsychologia*, **2015**, 73, 60-9	3.2	17
117	Pooling and segmenting motion signals. *Vision Research*, **2009**, 49, 1065-72	2.1	17
116	Typical numerosity adaptation despite selectively impaired number acuity in dyscalculia. *Neuropsychologia*, **2018**, 120, 43-49	3.2	17
115	Visual mislocalization during saccade sequences. *Experimental Brain Research*, **2015**, 233, 577-85	2.3	16
114	Vision: the world through picket fences. *Current Biology*, **2004**, 14, R381-2	6.3	16
113	A Sensorimotor Numerosity System. *Trends in Cognitive Sciences*, **2021**, 25, 24-36	14	16
112	Perceptual Oscillation of Audiovisual Time Simultaneity. *ENeuro*, **2018**, 5,	3.9	16
111	Adaptation-Induced Compression of Event Time Occurs Only for Translational Motion. *Scientific Reports*, **2016**, 6, 23341	4.9	15
110	Children do not recalibrate motor-sensory temporal order after exposure to delayed sensory feedback. *Developmental Science*, **2015**, 18, 703-12	4.5	15
109	The contribution of prefrontal cortex to global perception. *Experimental Brain Research*, **2007**, 181, 427-34	2.3	15

108	Agnosia for global patterns: When the cross-talk between grouping and visual selective attention failS. *Cognitive Neuropsychology*, **2003**, 20, 3-25	2.3	15
107	Auditory Perceptual History Is Propagated through Alpha Oscillations. *Current Biology*, **2019**, 29, 4208-4217.e3	6.3	15
106	Tactile feedback improves auditory spatial localization. *Frontiers in Psychology*, **2014**, 5, 1121	3.4	14
105	Inversion of perceived direction of motion caused by spatial undersampling in two children with periventricular leukomalacia. *Journal of Cognitive Neuroscience*, **2008**, 20, 1094-106	3.1	14
104	The effect of optokinetic nystagmus on the perceived position of briefly flashed targets. *Vision Research*, **2007**, 47, 861-8	2.1	14
103	Illusory brightness step in the Chevreul illusion. *Vision Research*, **1994**, 34, 1567-74	2.1	14
102	Distortions of visual time induced by motor adaptation. *Journal of Experimental Psychology: General* , **2020**, 149, 1333-1343	4.7	14
101	Perceptual history propagates down to early levels of sensory analysis. *Current Biology*, **2021**, 31, 1245-1250.e2	6.3	14
100	Number, texture and crowding. *Trends in Cognitive Sciences*, **2012**, 16, 196-7	14	13
99	Vision: modular analysis--or not?. *Current Biology*, **1999**, 9, R90-2	6.3	13
98	A spatial illusion from motion rivalry. *Perception*, **1986**, 15, 59-66	1.2	13
97	Powerful motion illusion caused by temporal asymmetries in ON and OFF visual pathways. *Journal of Neurophysiology*, **2006**, 95, 3928-32	3.2	13
96	Independent adaptation mechanisms for numerosity and size perception provide evidence against a common sense of magnitude. *Scientific Reports*, **2018**, 8, 13571	4.9	13
95	Serial dependence in perception requires conscious awareness. *Current Biology*, **2020**, 30, R257-R258	6.3	12
94	The visual component to saccadic compression. *Journal of Vision*, **2014**, 14,	0.4	12
93	Resolution for spatial segregation and spatial localization by motion signals. *Vision Research*, **2006**, 46, 932-9	2.1	12
92	"Groupitizing": a strategy for numerosity estimation. *Scientific Reports*, **2020**, 10, 13436	4.9	12
91	Grouping strategies in number estimation extend the subitizing range. *Scientific Reports*, **2020**, 10, 14979	4.9	12

90	A low-cost and versatile system for projecting wide-field visual stimuli within fMRI scanners. *Behavior Research Methods*, **2016**, 48, 614-20	6.1	11
89	Numerical Estimation in Children With Autism. *Autism Research*, **2015**, 8, 668-81	5.1	11
88	Response to Brock: noise and autism. *Trends in Cognitive Sciences*, **2012**, 16, 574-575	14	11
87	Visual motion distorts visual and motor space. *Journal of Vision*, **2012**, 12,	0.4	11
86	The knowing visual self. *Trends in Cognitive Sciences*, **2008**, 12, 363-4	14	11
85	Temporal Characteristics of Colour Vision: VEP and Psychophysical Measurements **1991**, 139-149		11
84	Binocular rivalry in children on the autism spectrum. *Autism Research*, **2017**, 10, 1096-1106	5.1	10
83	Perception: transient disruptions to neural space-time. *Current Biology*, **2006**, 16, R847-9	6.3	10
82	Spontaneous representation of numerosity in typical and dyscalculic development. *Cortex*, **2019**, 114, 151-163	3.8	10
81	Audio-visual temporal perception in children with restored hearing. *Neuropsychologia*, **2017**, 99, 350-359	3.2	9
80	Vision: keeping the world still when the eyes move. *Current Biology*, **2010**, 20, R442-4	6.3	9
79	Local and global visual processing. *Vision Research*, **1986**, 26, 749-57	2.1	9
78	Multisensory Integration Develops Late in Humans. *Frontiers in Neuroscience*, **2011**, 345-362		9
77	Fast saccadic eye-movements in humans suggest that numerosity perception is automatic and direct. *Proceedings of the Royal Society B: Biological Sciences*, **2020**, 287, 20201884	4.4	9
76	Ensemble perception of emotions in autistic and typical children and adolescents. *Developmental Cognitive Neuroscience*, **2017**, 24, 51-62	5.5	8
75	Different reaction-times for subitizing, estimation, and texture. *Journal of Vision*, **2019**, 19, 14	0.4	8
74	Attraction to the recent past in aesthetic judgments: A positive serial dependence for rating artwork. *Journal of Vision*, **2019**, 19, 19	0.4	8
73	Response: Saccadic suppression: no need for an active extra-retinal mechanism. *Trends in Neurosciences*, **2001**, 24, 317-318	13.3	8

72	Spontaneous perception of numerosity in pre-school children. *Proceedings of the Royal Society B: Biological Sciences*, **2019**, 286, 20191245	4.4	7
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