Karl R Gegenfurtner

List of Publications by Year
in descending order

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287	11,014	41627	48101
papers	citations	51 h-index	92 g-index

294	294	294	6491
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Colour Calibration of a Head Mounted Display for Colour Vision Research Using Virtual Reality. SN Computer Science, 2022, 3, 22.	2.3	14
2	The role of color in the perception of three-dimensional shape. Current Biology, 2022, 32, 1387-1394.e3.	1.8	10
3	Deep neural models for color classification and color constancy. Journal of Vision, 2022, 22, 17.	0.1	10
4	RGB Colors and Ecological Optics. Frontiers in Computer Science, 2021, 3, .	1.7	4
5	Color for object recognition: Hue and chroma sensitivity in the deep features of convolutional neural networks. Vision Research, 2021, 182, 89-100.	0.7	27
6	Age effects on saccadic suppression of luminance and color. Journal of Vision, 2021, 21, 11.	0.1	1
7	Achieving visual stability during smooth pursuit eye movements: Directional and confidence judgements favor a recalibration model. Vision Research, 2021, 184, 58-73.	0.7	4
8	Electrophysiological evidence for higher-level chromatic mechanisms in humans. Journal of Vision, 2021, 21, 12.	0.1	10
9	Ice hockey spectators use contextual cues to guide predictive eye movements. Current Biology, 2021, 31, R991-R992.	1.8	6
10	Naturalness and aesthetics of colors â€“ Preference for color compositions perceived as natural. Vision Research, 2021, 185, 98-110.	0.7	19
11	The emergence of color categories in a CNN for object recognition. Journal of Vision, 2021, 21, 2320.	0.1	0
12	Keep your eyes on the puck: Context information can induce predictive eye movements. Journal of Vision, 2021, 21, 2556.	0.1	0
13	Variations of saturation in natural objects and their effects on perception. Journal of Vision, 2021, 21, 2593.	0.1	1
14	Contrast sensitivity is formed by visual experience and task demands. Journal of Vision, 2021, 21, 1996.	0.1	3
15	A change in perspective: The interaction of saccadic and pursuit eye movements in oculomotor control and perception. Vision Research, 2021, 188, 283-296.	0.7	18
16	Perceptually Validated Cross-Renderer Analytical BRDF Parameter Remapping. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 2258-2272.	2.9	12
17	An independent contribution of colour to the aesthetic preference for paintings. Vision Research, 2020, 177, 109-117.	0.7	10
18	Colors and Things. I-Perception, 2020, 11, 204166952095843.	0.8	9

#	Article	IF	Citations
19	From Gaussian blobs to naturalistic videos: Comparison of oculomotor behavior across different stimulus complexities. Journal of Vision, 2020, 20, 26.	0.1	8
20	Hues of Color Afterimages. I-Perception, 2020, 11, 204166952090355.	0.8	7
21	Introduction to special issue on â€œPrediction in Perception and Actionâ€. Journal of Vision, 2020, 20, 8.	0.1	0
22	Color consistency in the appearance of bleached fabrics. Journal of Vision, 2020, 20, 11.	0.1	5
23	A comparison of the temporal and spatial properties of trans-saccadic perceptual recalibration and saccadic adaptation. Journal of Vision, 2020, 20, 2.	0.1	13
24	Three Perceptual Dimensions for Specular and Diffuse Reflection. ACM Transactions on Applied Perception, 2020, 17, 1-26.	1.2	19
25	Pedestrians Egocentric Vision: Individual and Collective Analysis. , 2020, , .		2
26	Memory Color. , 2020, , 1-7.		2
27	Heterochromatic brightness and luminance. Journal of Vision, 2020, 20, 1169.	0.1	0
28	Color constancy in a Virtual Reality environment. Journal of Vision, 2020, 20, 1226.	0.1	2
29	Contribution of retinal and extra-retinal signals for oculomotor priors. Journal of Vision, 2020, 20, 631.	0.1	0
30	Dynamic combination of position and motion information when tracking moving targets. Journal of Vision, 2019, 19, 2.	0.1	13
31	Steady-state visually evoked potentials reveal partial size constancy in early visual cortex. Journal of Vision, 2019, 19, 8.	0.1	14
32	Colour Order. I-Perception, 2019, 10, 204166951987251.	0.8	1
33	Individual differences in visual salience vary along semantic dimensions. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11687-11692.	3.3	67
34	Saccadic suppression measured by steady-state visual evoked potentials. Journal of Neurophysiology, 2019, 122, 251-258.	0.9	6
35	Corrective saccades influence velocity judgments and interception. Scientific Reports, 2019, 9, 5395.	1.6	25
36	Assessment of OLED Head Mounted Display for Vision Research with Virtual Reality. , 2019, , .		9

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37	Color Constancy in Deep Neural Networks. Journal of Vision, 2019, 19, 298.	0.1	2
38	From Gaussian Blobs to Natural Scenes: Comparable results for saccade-pursuit interactions across stimuli of different complexity. Journal of Vision, 2019, 19, 84b.	0.1	0
39	A neural correlate of heterochromatic brightness. Journal of Vision, 2019, 19, 250c.	0.1	0
40	Dynamic interplay of position- and velocity signals during interceptive saccades in monkeys and humans. Journal of Vision, 2019, 19, 84a.	0.1	0
41	Under-confidence in peripheral vision. Journal of Vision, 2019, 19, 67c.	0.1	0
42	Age effects on saccadic suppression. Journal of Vision, 2019, 19, 146a.	0.1	0
43	Execution of saccadic eye movements affects speed perception. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2240-2245.	3.3	30
44	Are red, yellow, green, and blue perceptual categories?. Vision Research, 2018, 151, 152-163.	0.7	28
45	Categorizing natural color distributions. Vision Research, 2018, 151, 18-30.	0.7	32
46	An evaluation of different measures of color saturation. Vision Research, 2018, 151, 117-134.	0.7	30
47	Color weight photometry. Vision Research, 2018, 151, 88-98.	0.7	16
48	Prediction shapes peripheral appearance. Journal of Vision, 2018, 18, 21.	0.1	11
49	Graininess of RGB-Display Space. I-Perception, 2018, 9, 204166951880397.	0.8	6
50	Area Dominates Edge in Pointillistic Colour. I-Perception, 2018, 9, 204166951878858.	0.8	4
51	A Bayesian Model of the Memory Colour Effect. I-Perception, 2018, 9, 204166951877171.	0.8	12
52	Hyperspectral database of fruits and vegetables. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, B256.	0.8	28
53	Processing of chromatic information in a deep convolutional neural network. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, B334.	0.8	25
54	Color metamerism and the structure of illuminant space. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, B231.	0.8	21

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55	Color Perception: Objects, Constancy, and Categories. Annual Review of Vision Science, 2018, 4, 475-499.	2.3	117
56	Healthy aging is associated with decreased risk-taking in motor decision-making.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 154-167.	0.7	4
57	Naturalness and aesthetics of colors in the human brain. Journal of Vision, 2018, 18, 868.	0.1	1
58	Comparison of the precision of smooth pursuit in humans and head unrestrained monkeys. Journal of Eye Movement Research, 2018, 11, .	0.5	1
59	Appearance of complex stimuli in the peripheral visual field. Journal of Vision, 2018, 18, 849.	0.1	0
60	Visual sensitivity to material differences. Journal of Vision, 2018, 18, 228.	0.1	0
61	Curvature of saccades to moving targets corrects for initial directional errors. Journal of Vision, 2018, 18, 1008.	0.1	0
62	Color categories in aesthetic preferences for paintings. Journal of Vision, 2018, 18, 869.	0.1	1
63	Attentional fingerprints: Individual differences in gaze behaviour. Journal of Vision, 2018, 18, 1196.	0.1	0
64	Tuning of a Deep Neural Network to object and surroundings colors for object recognition.. Journal of Vision, 2018, 18, 419.	0.1	0
65	The Neural Correlate Of Size Constancy Measured With SSVEP In Virtual Reality. Journal of Vision, 2018, 18, 254.	0.1	0
66	Association between COMT genotype and the control of memory guided saccades: Individual differences in healthy adults reveal a detrimental role of dopamine. Vision Research, 2017, 141, 170-180.	0.7	1
67	Seeing lightness in the dark. Current Biology, 2017, 27, R586-R588.	1.8	3
68	Enhanced brain responses to color during smooth-pursuit eye movements. Journal of Neurophysiology, 2017, 118, 749-754.	0.9	13
69	Lightness perception for matte and glossy complex shapes. Vision Research, 2017, 131, 82-95.	0.7	30
70	Attention is allocated closely ahead of the target during smooth pursuit eye movements: Evidence from EEG frequency tagging. Neuropsychologia, 2017, 102, 206-216.	0.7	26
71	Discrimination of curvature from motion during smooth pursuit eye movements and fixation. Journal of Neurophysiology, 2017, 118, 1762-1774.	0.9	3
72	Visual sensitivity for luminance and chromatic stimuli during the execution of smooth pursuit and saccadic eye movements. Vision Research, 2017, 136, 57-69.	0.7	20

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73	Determinants of Colour Constancy and the Blue Bias. I-Perception, 2017, 8, 204166951773963.	0.8	47
74	Compositorial â€˜Weightâ€™ & â€˜Luminanceâ€™. Art and Perception, 2017, 5, 299-311.	0.6	3
75	Eidolons: Novel stimuli for vision research. Journal of Vision, 2017, 17, 7.	0.1	39
76	Color contributes to object-contour perception in natural scenes. Journal of Vision, 2017, 17, 14.	0.1	25
77	Differences in illumination estimation in #thedress. Journal of Vision, 2017, 17, 22.	0.1	47
78	Foveal to peripheral extrapolation of brightness within objects. Journal of Vision, 2017, 17, 14.	0.1	15
79	Metameric Mismatching in Natural and Artificial Reflectances. Journal of Vision, 2017, 17, 390.	0.1	2
80	The paradox of color constancy. Journal of Vision, 2017, 17, 27.	0.1	1
81	Aiming under risk in healthy aging. Journal of Vision, 2017, 17, 816.	0.1	0
82	Saccadic eye movements affect perceived speed. Journal of Vision, 2017, 17, 1160.	0.1	0
83	Attention is allocated closely ahead of the target during smooth pursuit eye movements: evidence from EEG frequency tagging. Journal of Vision, 2017, 17, 1279.	0.1	0
84	Visual reinforcement shapes eye movements in visual search. Journal of Vision, 2016, 16, 15.	0.1	22
85	Dynamics of oculomotor direction discrimination. Journal of Vision, 2016, 16, 4.	0.1	23
86	Lightness perception for surfaces moving through different illumination levels. Journal of Vision, 2016, 16, 21.	0.1	15
87	The Role of Dopamine in Anticipatory Pursuit Eye Movements: Insights from Genetic Polymorphisms in Healthy Adults. ENeuro, 2016, 3, ENEURO.0190-16.2016.	0.9	2
88	Saccade Adaptation and Visual Uncertainty. Frontiers in Human Neuroscience, 2016, 10, 227.	1.0	11
89	Image Statistics and the Representation of Material Properties in the Visual Cortex. Frontiers in Psychology, 2016, 7, 1185.	1.1	14
90	The Interaction Between Vision and Eye Movements. Perception, 2016, 45, 1333-1357.	0.5	79

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91	Memory colours affect colour appearance. Behavioral and Brain Sciences, 2016, 39, e262.	0.4	8
92	Perception of saturation in natural scenes. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, A194.	0.8	18
93	LRP predicts smooth pursuit eye movement onset during the ocular tracking of self-generated movements. Journal of Neurophysiology, 2016, 116, 18-29.	0.9	14
94	Categorical perception for red and brown.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 540-570.	0.7	31
95	Role of motor execution in the ocular tracking of self-generated movements. Journal of Neurophysiology, 2016, 116, 2586-2593.	0.9	16
96	Effects of material properties and object orientation on precision grip kinematics. Experimental Brain Research, 2016, 234, 2253-2265.	0.7	38
97	Bias effects of short- and long-term color memory for unique objects. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, 492.	0.8	11
98	Dynamic Re-calibration of Perceived Size in Fovea and Periphery through Predictable Size Changes. Current Biology, 2016, 26, 59-63.	1.8	41
99	Probing the illumination on #The Dress. Journal of Vision, 2016, 16, 633.	0.1	1
100	Memory Color. , 2016, , 903-909.		1
101	Chromatic Contrast Sensitivity. , 2016, , 108-114.		0
102	Assessing the invisibility of spatial disarray in peripheral vision. Journal of Vision, 2016, 16, 229.	0.1	0
103	Saccade and pursuit interactions for following moving targets. Journal of Vision, 2016, 16, 1343.	0.1	0
104	Saccadic adaptation is preserved across adult lifespan. Journal of Vision, 2016, 16, 785.	0.1	0
105	Discriminating curvature of motion trajectories during fixation and smooth pursuit. Journal of Vision, 2016, 16, 1346.	0.1	0
106	Does memory affect perisaccadic compression?. Journal of Vision, 2016, 16, 112.	0.1	0
107	Decoding color constancy in fMRI. Journal of Vision, 2016, 16, 392.	0.1	0
108	A tight coupling between finger and oculomotor commands. Journal of Vision, 2016, 16, 375.	0.1	0

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109	Local recalibration to background motion during smooth pursuit eye movements. Journal of Vision, 2016, 16, 1351.	0.1	0
110	Fast perception of binocular disparity.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 909-916.	0.7	14
111	Fundamentals of color vision II: higher-order color processing. , 2015, , 70-109.		1
112	Categorical facilitation with equally discriminable colors. Journal of Vision, 2015, 15, 22.	0.1	46
113	A tetrachromatic display for the spatiotemporal control of rod and cone stimulation. Journal of Vision, 2015, 15, 15.	0.1	11
114	A comparison of haptic material perception in blind and sighted individuals. Vision Research, 2015, 115, 238-245.	0.7	20
115	Effect of fixation positions on perception of lightness. Proceedings of SPIE, 2015, , .	0.8	1
116	Robust Underestimation of Speed During Driving: A Field Study. Perception, 2015, 44, 1356-1370.	0.5	10
117	Statistical correlates of perceived gloss in natural images. Vision Research, 2015, 115, 175-187.	0.7	56
118	Control of binocular gaze in a high-precision manual task. Vision Research, 2015, 110, 203-214.	0.7	5
119	Visual perception of materials: The science of stuff. Vision Research, 2015, 109, 123-124.	0.7	23
120	The many colours of â€˜the dressâ€™. Current Biology, 2015, 25, R543-R544.	1.8	109
121	Visual search under scotopic lighting conditions. Vision Research, 2015, 113, 155-168.	0.7	23
122	Perception of material properties. Vision Research, 2015, 115, 157-162.	0.7	26
123	Dynamic integration of information about salience and value for smooth pursuit eye movements. Vision Research, 2015, 113, 169-178.	0.7	9
124	Chromatic Contrast Sensitivity. , 2015, , 1-7.		5
125	Changes in visual sensitivity during smooth pursuit and saccadic eye movement. Journal of Vision, 2015, 15, 1022.	0.1	1
126	Color constancy revisited: A better approach. Journal of Vision, 2015, 15, 396.	0.1	1

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127	Anticipatory smooth pursuit of intentional finger movement. Journal of Vision, 2015, 15, 1017.	0.1	0
128	Modulation of the Material-Weight Illusion in objects made of more than one material. Journal of Vision, 2015, 15, 1156.	0.1	1
129	Saccadic compression in natural scenes. Journal of Vision, 2015, 15, 210.	0.1	0
130	Visual memory for colour: the long and the short of it. Journal of Vision, 2015, 15, 1315.	0.1	0
131	Value-based modulation of saccadic control across adult lifespan. Journal of Vision, 2015, 15, 804.	0.1	0
132	Trans-saccadic prediction error re-calibrates perceived size in the peripheral visual field. Journal of Vision, 2015, 15, 788.	0.1	0
133	Measuring saturation. Journal of Vision, 2015, 15, 1318.	0.1	0
134	At night even white cats are gray: scotopic lightness perception. Journal of Vision, 2015, 15, 636.	0.1	0
135	Saccade adaptation and saccadic suppression of displacement. Journal of Vision, 2015, 15, 209.	0.1	0
136	Viewing strategies that aid lightness constancy in dynamic scenes. Journal of Vision, 2015, 15, 629.	0.1	0
137	The effects of surface gloss and roughness on color constancy for real 3-D objects. Journal of Vision, 2014, 14, 16-16.	0.1	27
138	The representation of material categories in the brain. Frontiers in Psychology, 2014, 5, 146.	1.1	18
139	Differential effects of visual attention and working memory on binocular rivalry. Journal of Vision, 2014, 14, 13-13.	0.1	11
140	Early differential processing of material images: Evidence from ERP classification. Journal of Vision, 2014, 14, 10-10.	0.1	12
141	Sonderforschungsbereich SFB/TRR 135 Kardinale Mechanismen der Wahrnehmung: PrÃdiktion, Bewertung, Kategorisierung. E-Neuroforum, 2014, 20, 229-232.	0.2	0
142	Center or side: biases in selecting grasp points on small bars. Experimental Brain Research, 2014, 232, 2061-2072.	0.7	19
143	Category effects on colour discrimination. , 2014, , 200-211.		4
144	The speed and accuracy of material recognition in natural images. Attention, Perception, and Psychophysics, 2013, 75, 954-966.	0.7	37

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145	What is the best fixation target? The effect of target shape on stability of fixational eye movements. Vision Research, 2013, 76, 31-42.	0.7	256
146	Visual and Haptic Representations of MaterialÂProperties. Multisensory Research, 2013, 26, 429-455.	0.6	95
147	Selection of visual information for lightness judgements by eye movements. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20130056.	1.8	24
148	Categorical sensitivity to color differences. Journal of Vision, 2013, 13, 1-1.	0.1	112
149	Optimal sampling of visual information for lightness judgments. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11163-11168.	3.3	60
150	Saccadic and smooth-pursuit eye movements during reading of drifting texts. Journal of Vision, 2013, 13, 8-8.	0.1	19
151	Human grasp point selection. Journal of Vision, 2013, 13, 23-23.	0.1	23
152	The Role of Binocular Disparity in Rapid Scene and Pattern Recognition. I-Perception, 2013, 4, 122-136.	0.8	6
153	BOLD responses in human V1 to local structure in natural scenes: Implications for theories of visual coding. Journal of Vision, 2013, 13, 19-19.	0.1	13
154	Higher order color mechanisms: Evidence from noise-masking experiments in cone contrast space. Journal of Vision, 2013, 13, 26-26.	0.1	46
155	Perceived numerosity is reduced in peripheral vision. Journal of Vision, 2013, 13, 7-7.	0.1	37
156	Perceptual qualities and material classes. Journal of Vision, 2013, 13, 9-9.	0.1	108
157	Animal Detection in Natural Images: Effects of Color and Image Database. PLoS ONE, 2013, 8, e75816.	1.1	18
158	Visual Working Memory Contents Bias Ambiguous Structure from Motion Perception. PLoS ONE, 2013, 8, e59217.	1.1	22
159	Role of eye movements in chromatic induction. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, A353.	0.8	11
160	Dynamic integration of information about salience and value for saccadic eye movements. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7547-7552.	3.3	95
161	Effects of Memory Colour on Colour Constancy for Unknown Coloured Objects. I-Perception, 2012, 3, 190-215.	0.8	32
162	High-Level Perceptual Influences on Color Appearance. , 2012, , 179-198.		5

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163	Learning from vision-to-touch is different than learning from touch-to-vision. Frontiers in Integrative Neuroscience, 2012, 6, 105.	1.0	9
164	A functional role for trans-saccadic luminance differences. Journal of Vision, 2012, 12, 14-14.	0.1	9
165	Illusory bending of a pursuit target. Vision Research, 2012, 57, 51-60.	0.7	2
166	Orientation of noisy texture affects saccade direction during free viewing. Vision Research, 2012, 58, 19-26.	0.7	9
167	Conceptual and Visual Features Contribute to Visual Memory for Natural Images. PLoS ONE, 2012, 7, e37575.	1.1	22
168	On the Contribution of Binocular Disparity to the Long-Term Memory for Natural Scenes. PLoS ONE, 2012, 7, e49947.	1.1	5
169	Parallel visual search and rapid animal detection in natural scenes. Journal of Vision, 2011, 11, 20-20.	0.1	32
170	Is there a lateralized category effect for color?. Journal of Vision, 2011, 11, 16-16.	0.1	85
171	Challenges to normal neural functioning provide insights into separability of motion processing mechanisms. Neuropsychologia, 2011, 49, 3151-3163.	0.7	6
172	Recent advances in perception and action. Vision Research, 2011, 51, 801-803.	0.7	4
173	The efficiency of encoding: limits of information transfer into memory. Attention, Perception, and Psychophysics, 2011, 73, 1503-1521.	0.7	4
174	Keep your eyes on the ball: smooth pursuit eye movements enhance prediction of visual motion. Journal of Neurophysiology, 2011, 105, 1756-1767.	0.9	109
175	Object Knowledge Modulates Colour Appearance. I-Perception, 2011, 2, 13-49.	0.8	111
176	Eye movements and perception: A selective review. Journal of Vision, 2011, 11, 9-9.	0.1	286
177	Visual orienting in dynamic broadband (1/f) noise sequences. Attention, Perception, and Psychophysics, 2010, 72, 100-113.	0.7	8
178	Localization of speed differences of context stimuli during fixation and smooth pursuit eye movements. Vision Research, 2010, 50, 2740-2749.	0.7	11
179	Receptive fields for smooth pursuit eye movements and motion perception. Vision Research, 2010, 50, 2729-2739.	0.7	12
180	Vision Research special issue on â€œPerception and actionâ€: Vision Research, 2010, 50, 2617.	0.7	2

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181	Variability of eye movements when viewing dynamic natural scenes. Journal of Vision, 2010, 10, 28-28.	0.1	318
182	Does the noise matter? Effects of different kinematogram types on smooth pursuit eye movements and perception. Journal of Vision, 2010, 10, 26.	0.1	26
183	Categorical color constancy for real surfaces. Journal of Vision, 2010, 10, 16-16.	0.1	74
184	Color appearance of real objects varying in material, hue, and shape. Journal of Vision, 2010, 10, 10-10.	0.1	51
185	Effects of Viewing Time, Fixations, and Viewing Strategies on Visual Memory for Briefly Presented Natural Objects. Quarterly Journal of Experimental Psychology, 2010, 63, 1398-1413.	0.6	11
186	Animal detection in natural scenes: Critical features revisited. Journal of Vision, 2010, 10, 1-27.	0.1	95
187	Categorical color constancy for simulated surfaces. Journal of Vision, 2009, 9, 6-6.	0.1	50
188	Chromatic Contrast Sensitivity During Optokinetic Nystagmus, Visually Enhanced Vestibulo-ocular Reflex, and Smooth Pursuit Eye Movements. Journal of Neurophysiology, 2009, 101, 2317-2327.	0.9	19
189	The discrimination of chromatic textures. Journal of Vision, 2009, 9, 11-11.	0.1	30
190	Independence of color and luminance edges in natural scenes. Visual Neuroscience, 2009, 26, 35-49.	0.5	121
191	Improved visual sensitivity during smooth pursuit eye movements: Temporal and spatial characteristics. Visual Neuroscience, 2009, 26, 329-340.	0.5	14
192	Differences in fixations between grasping and viewing objects. Journal of Vision, 2009, 9, 18-18.	0.1	69
193	Cortical networks for motion processing: Effects of focal brain lesions on perception of different motion types. Neuropsychologia, 2009, 47, 2133-2144.	0.7	35
194	Precision of speed discrimination and smooth pursuit eye movements. Vision Research, 2009, 49, 514-523.	0.7	47
195	Object recognition during foveating eye movements. Vision Research, 2009, 49, 2241-2253.	0.7	32
196	The contribution of low-level features at the centre of gaze to saccade target selection. Vision Research, 2009, 49, 2918-2926.	0.7	4
197	Grasping isoluminant stimuli. Experimental Brain Research, 2009, 197, 15-22.	0.7	4
198	Color perception in the intermediate periphery of the visual field. Journal of Vision, 2009, 9, 26-26.	0.1	129

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199	Visual processing, learning and feedback in the primate eye movement system. Trends in Neurosciences, 2009, 32, 583-590.	4.2	33
200	Effects of salience and reward information during saccadic decisions under risk. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2009, 26, B1.	0.8	38
201	Age Effects on the Perception of Motion Illusions. Perception, 2009, 38, 508-521.	0.5	33
202	Color Processing. , 2009, , 796-799.		0
203	Improved visual sensitivity during smooth pursuit eye movements. Nature Neuroscience, 2008, 11, 1211-1216.	7.1	72
204	Differential aging of motion processing mechanisms: Evidence against general perceptual decline. Vision Research, 2008, 48, 1254-1261.	0.7	135
205	Contextual effects on motion perception and smooth pursuit eye movements. Brain Research, 2008, 1225, 76-85.	1.1	31
206	Saccadic Facilitation in Natural Backgrounds. Current Biology, 2008, 18, 124-128.	1.8	21
207	Predicting the recognition of natural scenes from single trial MEG recordings of brain activity. NeuroImage, 2008, 42, 1056-1068.	2.1	44
208	Competition between color and luminance for target selection in smooth pursuit and saccadic eye movements. Journal of Vision, 2008, 8, 16-16.	0.1	11
209	Grasping visual illusions: Consistent data and no dissociation. Cognitive Neuropsychology, 2008, 25, 920-950.	0.4	157
210	Color appearance of familiar objects: Effects of object shape, texture, and illumination changes. Journal of Vision, 2008, 8, 13.	0.1	148
211	Smooth Pursuit Eye Movements to Isoluminant Targets. Journal of Neurophysiology, 2008, 100, 1287-1300.	0.9	37
212	Chromatic discrimination of natural objects. Journal of Vision, 2008, 8, 2.	0.1	42
213	Motion processing at low light levels: Differential effects on the perception of specific motion types. Journal of Vision, 2008, 8, 14.	0.1	29
214	14-3-3. , 2008, , 1-1.		2
215	Grasping visual illusions: consistent data and no dissociation. Cognitive Neuropsychology, 2008, 25, 920-50.	0.4	27
216	Temporal contrast sensitivity during smooth pursuit eye movements. Journal of Vision, 2007, 7, 3.	0.1	51

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217	Contrast and Assimilation in Motion Perception and Smooth Pursuit Eye Movements. Journal of Neurophysiology, 2007, 98, 1355-1363.	0.9	37
218	Effects of spatial and temporal context on color categories and color constancy. Journal of Vision, 2007, 7, 2-2.	0.1	69
219	A comparison of localization judgments and pointing precision. Journal of Vision, 2007, 7, 11.	0.1	15
220	Contextual Effects on Smooth-Pursuit Eye Movements. Journal of Neurophysiology, 2007, 97, 1353-1367.	0.9	37
221	Contrast sensitivity during the initiation of smooth pursuit eye movements. Vision Research, 2007, 47, 2767-2777.	0.7	42
222	Geometric-optical illusions at isoluminance. Vision Research, 2007, 47, 3276-3285.	0.7	42
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