Keith A May

List of Publications by Year
in descending order

27 papers	1,311 citations	623734 14 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	1086 citing authors

#	Article	IF	Citations
1	Facial shape and judgements of female attractiveness. Nature, 1994, 368, 239-242.	27.8	740
2	Psychophysical Tests of the Hypothesis of a Bottom-Up Saliency Map in Primary Visual Cortex. PLoS Computational Biology, 2007, 3, e62.	3.2	92
3	Perceived Direction of Motion Determined by Adaptation to Static Binocular Images. Current Biology, 2012, 22, 28-32.	3.9	63
4	From filters to features: Scale–space analysis of edge and blur coding in human vision. Journal of Vision, 2007, 7, 7.	0.3	59
5	Ladder contours are undetectable in the periphery: A crowding effect?. Journal of Vision, 2007, 7, 9.	0.3	51
6	Efficient Coding Theory Predicts a Tilt Aftereffect from Viewing Untilted Patterns. Current Biology, 2016, 26, 1571-1576.	3.9	45
7	Human Wavelength Discrimination of Monochromatic Light Explained by Optimal Wavelength Decoding of Light of Unknown Intensity. PLoS ONE, 2011, 6, e19248.	2.5	33
8	Chromostereopsis: a multicomponent depth effect?. Displays, 1993, 14, 227-234.	3.7	23
9	Blurred edges look faint, and faint edges look sharp: The effect of a gradient threshold in a multi-scale edge coding model. Vision Research, 2007, 47, 1705-1720.	1.4	23
10	Four Theorems on the Psychometric Function. PLoS ONE, 2013, 8, e74815.	2.5	23
11	Effects of element separation and carrier wavelength on detection of snakes and ladders: Implications for models of contour integration. Journal of Vision, 2008, 8, 4-4.	0.3	20
12	Connecting psychophysical performance to neuronal response properties I: Discrimination of suprathreshold stimuli. Journal of Vision, 2015, 15, 8.	0.3	19
13	Dynamics of snakes and ladders. Journal of Vision, 2007, 7, 13.	0.3	18
14	Optimal edge filters explain human blur detection. Journal of Vision, 2012, 12, 9-9.	0.3	14
15	Contour extracting networks in early extrastriate cortex. Journal of Vision, 2014, 14, 18-18.	0.3	14
16	Inefficiency of orientation averaging: Evidence for hybrid serial/parallel temporal integration. Journal of Vision, 2016, 16, 13.	0.3	11
17	Exploring the roles of saturating and supersaturating contrast-response functions in conjunction detection and contrast coding. Journal of Vision, 2011, 11, 11-11.	0.3	10
18	Connecting psychophysical performance to neuronal response properties II: Contrast decoding and detection. Journal of Vision, 2015, 15, 9.	0.3	10

#	Article	IF	Citations
19	Stereoscopic depth adaptation from binocularly correlated versus anti-correlated noise: Test of an efficient coding theory of stereopsis. Vision Research, 2020, 166, 60-71.	1.4	9
20	Added luminance ramp alters perceived edge blur and contrast: A critical test for derivative-based models of edge coding. Vision Research, 2007, 47, 1721-1731.	1.4	7
21	Pattern masking: The importance of remote spatial frequencies and their phase alignment. Journal of Vision, 2012, 12, 14-14.	0.3	7
22	Effects of surrounding frame on visual search for vertical or tilted bars. Journal of Vision, 2009, 9, 20-20.	0.3	6
23	The potential roles of saturating and supersaturating contrast-response functions in conjunction detection: Reply to Peirce. Journal of Vision, 2013, 13, 22-22.	0.3	5
24	Face perception inherits low-level binocular adaptation. Journal of Vision, 2019, 19, 7.	0.3	3
25	One "shape" fits all: The orientation bandwidth of contour integration. Journal of Vision, 2014, 14, 17-17.	0.3	2
26	Fewer Statistical Testsâ€‰â€¦â€‰or Better Ones?. Perception, 2017, 46, 3-5.	1.2	2
27	Probing blur adaptation with reverse correlation. Journal of Vision, 2019, 19, 79b.	0.3	0