

Keith A May

List of Publications by Year in descending order

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Version: 2024-02-01

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	Stereoscopic depth adaptation from binocularly correlated versus anti-correlated noise: Test of an efficient coding theory of stereopsis. <i>Vision Research</i> , 2020, 166, 60-71.	1.4	9
2	Face perception inherits low-level binocular adaptation. <i>Journal of Vision</i> , 2019, 19, 7.	0.3	3
3	Probing blur adaptation with reverse correlation. <i>Journal of Vision</i> , 2019, 19, 79b.	0.3	0
4	Fewer Statistical Testsâ€™ or Better Ones?. <i>Perception</i> , 2017, 46, 3-5.	1.2	2
5	Inefficiency of orientation averaging: Evidence for hybrid serial/parallel temporal integration. <i>Journal of Vision</i> , 2016, 16, 13.	0.3	11
6	Efficient Coding Theory Predicts a Tilt Aftereffect from Viewing Untilted Patterns. <i>Current Biology</i> , 2016, 26, 1571-1576.	3.9	45
7	Connecting psychophysical performance to neuronal response properties I: Discrimination of suprathreshold stimuli. <i>Journal of Vision</i> , 2015, 15, 8.	0.3	19
8	Connecting psychophysical performance to neuronal response properties II: Contrast decoding and detection. <i>Journal of Vision</i> , 2015, 15, 9.	0.3	10
9	One "shape" fits all: The orientation bandwidth of contour integration. <i>Journal of Vision</i> , 2014, 14, 17-17.	0.3	2
10	Contour extracting networks in early extrastriate cortex. <i>Journal of Vision</i> , 2014, 14, 18-18.	0.3	14
11	The potential roles of saturating and supersaturating contrast-response functions in conjunction detection: Reply to Peirce. <i>Journal of Vision</i> , 2013, 13, 22-22.	0.3	5
12	Four Theorems on the Psychometric Function. <i>PLoS ONE</i> , 2013, 8, e74815.	2.5	23
13	Optimal edge filters explain human blur detection. <i>Journal of Vision</i> , 2012, 12, 9-9.	0.3	14
14	Pattern masking: The importance of remote spatial frequencies and their phase alignment. <i>Journal of Vision</i> , 2012, 12, 14-14.	0.3	7
15	Perceived Direction of Motion Determined by Adaptation to Static Binocular Images. <i>Current Biology</i> , 2012, 22, 28-32.	3.9	63
16	Exploring the roles of saturating and supersaturating contrast-response functions in conjunction detection and contrast coding. <i>Journal of Vision</i> , 2011, 11, 11-11.	0.3	10
17	Human Wavelength Discrimination of Monochromatic Light Explained by Optimal Wavelength Decoding of Light of Unknown Intensity. <i>PLoS ONE</i> , 2011, 6, e19248.	2.5	33
18	Effects of surrounding frame on visual search for vertical or tilted bars. <i>Journal of Vision</i> , 2009, 9, 20-20.	0.3	6

#	ARTICLE	IF	CITATIONS
19	Effects of element separation and carrier wavelength on detection of snakes and ladders: Implications for models of contour integration. <i>Journal of Vision</i> , 2008, 8, 4-4.	0.3	20
20	Psychophysical Tests of the Hypothesis of a Bottom-Up Saliency Map in Primary Visual Cortex. <i>PLoS Computational Biology</i> , 2007, 3, e62.	3.2	92
21	Dynamics of snakes and ladders. <i>Journal of Vision</i> , 2007, 7, 13.	0.3	18
22	Ladder contours are undetectable in the periphery: A crowding effect?. <i>Journal of Vision</i> , 2007, 7, 9.	0.3	51
23	From filters to features: Scale-space analysis of edge and blur coding in human vision. <i>Journal of Vision</i> , 2007, 7, 7.	0.3	59
24	Blurred edges look faint, and faint edges look sharp: The effect of a gradient threshold in a multi-scale edge coding model. <i>Vision Research</i> , 2007, 47, 1705-1720.	1.4	23
25	Added luminance ramp alters perceived edge blur and contrast: A critical test for derivative-based models of edge coding. <i>Vision Research</i> , 2007, 47, 1721-1731.	1.4	7
26	Facial shape and judgements of female attractiveness. <i>Nature</i> , 1994, 368, 239-242.	27.8	740
27	Chromostereopsis: a multicomponent depth effect?. <i>Displays</i> , 1993, 14, 227-234.	3.7	23