Keith Langley

List of Publications by Year
in descending order

21 papers	461 citations	840776 11 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	309 citing authors

#	Article	IF	Citations
1	Computational analysis of non-Fourier motion. Vision Research, 1994, 34, 3057-3079.	1.4	86
2	An adaptive Reichardt detector model of motion adaptation in insects and mammals. Visual Neuroscience, 1997, 14, 741-749.	1.0	58
3	Psychophysics of motion adaptation parallels insect electrophysiology. Current Biology, 1996, 6, 1340-1342.	3.9	49
4	Contrast adaptation may enhance contrast discrimination. Spatial Vision, 2002, 16, 45-58.	1.4	46
5	The perception of suprathreshold contrast and fast adaptive filtering. Journal of Vision, 2007, 7, 1.	0.3	35
6	The Riesz transform and simultaneous representations of phase, energy and orientation in spatial vision. Vision Research, 2010, 50, 1748-1765.	1.4	32
7	Stereopsis from contrast envelopes. Vision Research, 1999, 39, 2313-2324.	1.4	29
8	Surface orientation, modulation frequency and the detection and perception of depth defined by binocular disparity and motion parallax. Vision Research, 2006, 46, 2636-2644.	1.4	23
9	Linear and nonlinear transparencies in binocular vision. Proceedings of the Royal Society B: Biological Sciences, 1998, 265, 1837-1845.	2.6	14
10	The stereoscopic anisotropy: Individual differences and underlying mechanisms.. Journal of Experimental Psychology: Human Perception and Performance, 2002, 28, 469-476.	0.9	14
11	Subtractive and divisive adaptation in visual motion computations. Vision Research, 2007, 47, 673-686.	1.4	13
12	Plaid slant and inclination thresholds can be predicted from components. Vision Research, 1998, 38, 1073-1084.	1.4	12
13	A parametric account of contrast adaptation on contrast perception. Spatial Vision, 2002, 16, 77-93.	1.4	10
14	Contrast adaptation implies two spatiotemporal channels but three adapting processes.. Journal of Experimental Psychology: Human Perception and Performance, 2007, 33, 1283-1296.	0.9	10
15	Computational models of coherent and transparent plaid motion1Portions of this research were presented at ARVO 1995, 1996, and the BMVC 1997.1. Vision Research, 1999, 39, 87-108.	1.4	9
16	Recursive implementations of temporal filters for image motion computation. Biological Cybernetics, 2000, 82, 383-390.	1.3	7
17	Temporal adaptability and the inverse relationship to sensitivity: A parameter identification model. Spatial Vision, 2005, 18, 461-481.	1.4	6
18	Regularization in a neural model of motion perception. Vision Research, 2001, 41, 2273-2283.	1.4	3

#	Article	IF	Citations
19	A model of motion adaptation and motion after-effects based upon principal component regression. Biological Cybernetics, 2000, 83, 407-417.	1.3	2
20	Cascaded Bayesian processes: An account of bias in orientation perception. Vision Research, 2009, 49, 2453-2474.	1.4	2
21	Motion perception and motion estimation by total-least squares. Spatial Vision, 2002, 15, 171-190.	1.4	1