Attention to Surfaces Modulates Motion Processing in E

Neuron

54, 639-651

DOI: 10.1016/j.neuron.2007.05.001

Citation Report

#	Article	IF	Citations
1	Switching Attention without Shifting the Spotlight: Object-Based Attentional Modulation of Brain Potentials. Journal of Cognitive Neuroscience, 1998, 10, 137-151.	1.1	214
2	Attention to objects made of features. Trends in Cognitive Sciences, 2007, 11, 453-454.	4.0	6
3	Visual attention: of features and transparent surfaces. Trends in Cognitive Sciences, 2007, 11, 451-453.	4.0	13
4	Early interactions between neuronal adaptation and voluntary control determine perceptual choices in bistable vision. Journal of Vision, 2008, 8, 16.	0.1	83
5	General Validity of Levelt's Propositions Reveals Common Computational Mechanisms for Visual Rivalry. PLoS ONE, 2008, 3, e3473.	1.1	55
6	Attention to the color of a moving stimulus modulates motion-signal processing in macaque area MT: evidence for a unified attentional system. Frontiers in Systems Neuroscience, 2009, 3, 12.	1.2	63
7	Multisensory Congruency as a Mechanism for Attentional Control over Perceptual Selection. Journal of Neuroscience, 2009, 29, 11641-11649.	1.7	120
8	Combining spatial and feature-based attention within the receptive field of MT neurons. Vision Research, 2009, 49, 1188-1193.	0.7	49
9	Motion opponency and transparency in the human middle temporal area. European Journal of Neuroscience, 2009, 30, 1172-1182.	1.2	11
10	Stochastic variations in sensory awareness are driven by noisy neuronal adaptation: evidence from serial correlations in perceptual bistability. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2009, 26, 2612.	0.8	96
11	Does feature similarity facilitate attentional selection?. Attention, Perception, and Psychophysics, 2010, 72, 2128-2143.	0.7	7
12	A model of neural mechanisms in monocular transparent motion perception. Journal of Physiology (Paris), 2010, 104, 71-83.	2.1	10
13	Exploring the mechanisms underlying surface-based stimulus selection. Vision Research, 2010, 50, 229-241.	0.7	7
14	Selective attention modulates electrical responses to reversals of optic-flow direction. Vision Research, 2010, 50, 750-760.	0.7	2
15	Integration of structure-from-motion and symmetry during surface perception. Journal of Vision, 2010, 10, 1-17.	0.1	11
16	Reconciling Coherent Oscillation with Modulationof Irregular Spiking Activity in Selective Attention:Gamma-Range Synchronization between Sensoryand Executive Cortical Areas. Journal of Neuroscience, 2010, 30, 2856-2870.	1.7	66
17	Object-based Selection of Irrelevant Features Is Not Confined to the Attended Object. Journal of Cognitive Neuroscience, 2011, 23, 2231-2239.	1.1	24
18	Automatic spread of attentional response modulation along Gestalt criteria in primary visual cortex. Nature Neuroscience, 2011, 14, 1243-1244.	7.1	132

#	Article	IF	Citations
19	Visual attention: The past 25 years. Vision Research, 2011, 51, 1484-1525.	0.7	1,874
20	Object-based attention to one of two superimposed surfaces alters responses in human early visual cortex. Journal of Neurophysiology, 2011, 105, 1258-1265.	0.9	32
21	Lateralized rewardâ€related visual discrimination in the avian entopallium. European Journal of Neuroscience, 2012, 35, 1337-1343.	1.2	41
22	Contrast Dependence of Smooth Pursuit Eye Movements following a Saccade to Superimposed Targets. PLoS ONE, 2012, 7, e37888.	1.1	7
23	Feature-based attention spreads preferentially in an object-specific manner. Vision Research, 2012, 54, 31-38.	0.7	8
24	Object-based attention: A tutorial review. Attention, Perception, and Psychophysics, 2012, 74, 784-802.	0.7	165
25	The spread of attention across features of a surface. Journal of Neurophysiology, 2013, 110, 2426-2439.	0.9	26
26	Effects of task and attentional selection on responses in human visual cortex. Journal of Neurophysiology, 2013, 109, 2606-2617.	0.9	10
27	Visual attention and flexible normalization pools. Journal of Vision, 2013, 13, 25-25.	0.1	24
28	Neural Mechanisms of Feature-Based Attention. , 2014, , 123-135.		26
29	Effects of Spatial and Feature Attention on Disparity-Rendered Structure-From-Motion Stimuli in the Human Visual Cortex. PLoS ONE, 2014, 9, e100074.	1.1	1
30	Feature integration and object representations along the dorsal stream visual hierarchy. Frontiers in Computational Neuroscience, 2014, 8, 84.	1.2	55
31	Attentional spreading to task-irrelevant object features: experimental support and a 3-step model of attention for object-based selection and feature-based processing modulation. Frontiers in Human Neuroscience, 2014, 8, 414.	1.0	12
32	Pupil size reflects the focus of feature-based attention. Journal of Neurophysiology, 2014, 112, 3046-3052.	0.9	76
33	Object-based attention involves the sequential activation of feature-specific cortical modules. Nature Neuroscience, 2014, 17, 619-624.	7.1	82
34	Stimulus competition mediates the joint effects of spatial and feature-based attention. Journal of Vision, 2015, 15, 7.	0.1	33
35	Feature attention for binocular disparity in primate area MT depends on tuning strength. Journal of Neurophysiology, 2015, 113, 1545-1555.	0.9	12
36	Distributed and Dynamic Neural Encoding of Multiple Motion Directions of Transparently Moving Stimuli in Cortical Area MT. Journal of Neuroscience, 2015, 35, 16180-16198.	1.7	26

#	Article	IF	Citations
37	Seeing without knowing: task relevance dissociates between visual awareness and recognition. Annals of the New York Academy of Sciences, 2015, 1339, 125-137.	1.8	24
38	Task-specific, dimension-based attentional shaping of motion processing in monkey area MT. Journal of Neurophysiology, 2017, 118, 1542-1555.	0.9	18
39	Scaling up visual attention and visual working memory to the real world. Psychology of Learning and Motivation - Advances in Research and Theory, 2019, 70, 29-69.	0.5	10
40	Motion adaptation and attention: A critical review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2019, 96, 290-301.	2.9	5
41	Parallel attentional facilitation of features and objects in early visual cortex. Psychophysiology, 2020, 57, e13498.	1.2	12
42	Spatial Arrangement Drastically Changes the Neural Representation of Multiple Visual Stimuli That Compete in More Than One Feature Domain. Journal of Neuroscience, 2020, 40, 1834-1848.	1.7	3
43	Cholinergic manipulations affect sensory responses but not attentional enhancement in macaque MT. BMC Biology, 2021, 19, 49.	1.7	8
44	Rhythmic Neuronal Synchronization Subserves Selective Attentional Processing. Research and Perspectives in Neurosciences, 2011, , 109-132.	0.4	6
45	The effects of attention and adaptation duration on the motion aftereffect.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 1805-1814.	0.7	6
46	When is object-based attention not based on objects?. Journal of Experimental Psychology: Human Perception and Performance, 2019, 45, 1062-1082.	0.7	13
47	Object-Based Attention. , 2008, , 281-290.		0
48	Attention encourages directional suppression in bivectorial motion fields. Korean Journal of Cognitive and Biological Psychology, 2009, 21, 57-71.	0.0	0
49	Feature- and Object-Based Attention. , 2014, , 107-122.		0
52	Object-Based Attention. , 2020, , 524-531.		0
53	Behavioral and ERP evidence that object-based attention utilizes fine-grained spatial mechanisms. Cortex, 2022, 151, 89-104.	1.1	0