

Steven Yantis

List of Publications by Year in descending order

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94
papers

17,702
citations

14655

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95
times ranked

8862
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced Value-Driven Attentional Capture Among Children with ADHD Compared to Typically Developing Controls. <i>Journal of Abnormal Child Psychology</i> , 2018, 46, 1187-1200.	3.5	20
2	Tracking the will to attend: Cortical activity indexes self-generated, voluntary shifts of attention. <i>Attention, Perception, and Psychophysics</i> , 2016, 78, 2176-2184.	1.3	20
3	Spontaneous Fluctuations in the Flexible Control of Covert Attention. <i>Journal of Neuroscience</i> , 2016, 36, 445-454.	3.6	23
4	The Role of Dopamine in Value-Based Attentional Orienting. <i>Current Biology</i> , 2016, 26, 550-555.	3.9	96
5	Learned states of preparatory attentional control.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2015, 41, 1790-1805.	0.9	17
6	Valuable orientations capture attention. <i>Visual Cognition</i> , 2015, 23, 133-146.	1.6	32
7	The role of reward prediction in the control of attention.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 1654-1664.	0.9	78
8	The attribution of value-based attentional priority in individuals with depressive symptoms. <i>Visual Cognition</i> , 2014, 22, 1014-1017.	1.6	1
9	Attending to illusory differences in object size. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 1393-1402.	1.3	11
10	Value-driven attentional priority signals in human basal ganglia and visual cortex. <i>Brain Research</i> , 2014, 1587, 88-96.	2.2	134
11	The attribution of value-based attentional priority in individuals with depressive symptoms. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014, 14, 1221-1227.	2.0	57
12	The Attribution of Value-Based Attentional Priority in Individuals with Depressive Symptoms. <i>Visual Cognition</i> , 2014, 22, 1014-1017.	1.6	0
13	Persistence of value-driven attentional capture.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 6-9.	0.9	163
14	Attentional bias for nondrug reward is magnified in addiction.. <i>Experimental and Clinical Psychopharmacology</i> , 2013, 21, 499-506.	1.8	113
15	Reward predictions bias attentional selection. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 262.	2.0	88
16	Reinforcement learning modulates the stability of cognitive control settings for object selection. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 95.	2.1	6
17	Visuotopic Cortical Connectivity Underlying Attention Revealed with White-Matter Tractography. <i>Journal of Neuroscience</i> , 2012, 32, 2773-2782.	3.6	93
18	Reinforcement learning modulates preparatory states of cognitive flexibility. <i>Visual Cognition</i> , 2012, 20, 1039-1043.	1.6	1

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19	Generalization of value-based attentional priority. <i>Visual Cognition</i> , 2012, 20, 647-658.	1.6	103
20	Value-driven attentional and oculomotor capture during goal-directed, unconstrained viewing. <i>Attention, Perception, and Psychophysics</i> , 2012, 74, 1644-1653.	1.3	149
21	Tracking cognitive fluctuations with multivoxel pattern time course (MVPTC) analysis. <i>Neuropsychologia</i> , 2012, 50, 479-486.	1.6	13
22	Reward and Attentional Control in Visual Search. <i>Nebraska Symposium on Motivation</i> , 2012, 59, 91-116.	0.9	20
23	Learned Value Magnifies Saliency-Based Attentional Capture. <i>PLoS ONE</i> , 2011, 6, e27926.	2.5	229
24	Cortical Mechanisms of Cognitive Control for Shifting Attention in Vision and Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2905-2919.	2.3	96
25	Value-driven attentional capture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10367-10371.	7.1	857
26	Decoding Task-based Attentional Modulation during Face Categorization. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1198-1204.	2.3	28
27	Neural Correlates of Learning to Attend. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 216.	2.0	20
28	Control of Spatial and Feature-Based Attention in Frontoparietal Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 14330-14339.	3.6	160
29	Perceptual Expectation Evokes Category-Selective Cortical Activity. <i>Cerebral Cortex</i> , 2010, 20, 1245-1253.	2.9	165
30	Avoiding non-independence in fMRI data analysis: Leave one subject out. <i>NeuroImage</i> , 2010, 50, 572-576.	4.2	233
31	Learning to attend: Effects of practice on information selection. <i>Journal of Vision</i> , 2009, 9, 16-16.	0.3	49
32	A Domain-Independent Source of Cognitive Control for Task Sets: Shifting Spatial Attention and Switching Categorization Rules. <i>Journal of Neuroscience</i> , 2009, 29, 3930-3938.	3.6	124
33	Decoding cognitive control in human parietal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17974-17979.	7.1	149
34	The Neural Basis of Selective Attention. <i>Current Directions in Psychological Science</i> , 2008, 17, 86-90.	5.3	133
35	Cortical Mechanisms for Shifting and Holding Visuospatial Attention. <i>Cerebral Cortex</i> , 2008, 18, 114-125.	2.9	190
36	Human Adult Cortical Reorganization and Consequent Visual Distortion. <i>Journal of Neuroscience</i> , 2007, 27, 9585-9594.	3.6	87

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37	Spatially Selective Representations of Voluntary and Stimulus-Driven Attentional Priority in Human Occipital, Parietal, and Frontal Cortex. <i>Cerebral Cortex</i> , 2007, 17, 284-293.	2.9	265
38	Estimating linear cortical magnification in human primary visual cortex via dynamic programming. <i>NeuroImage</i> , 2006, 31, 125-138.	4.2	66
39	Selective visual attention and perceptual coherence. <i>Trends in Cognitive Sciences</i> , 2006, 10, 38-45.	7.8	451
40	Temporally Unfolding Neural Representation of Pictorial Occlusion. <i>Psychological Science</i> , 2006, 17, 358-364.	3.3	33
41	Parietal Cortex Mediates Voluntary Control of Spatial and Nonspatial Auditory Attention. <i>Journal of Neuroscience</i> , 2006, 26, 435-439.	3.6	210
42	Retinotopic mapping in the human visual cortex using vascular space occupancy-dependent functional magnetic resonance imaging. <i>NeuroReport</i> , 2005, 16, 1635-1640.	1.2	18
43	How visual salience wins the battle for awareness. <i>Nature Neuroscience</i> , 2005, 8, 975-977.	14.8	75
44	Common neural substrates for the control and effects of visual attention and perceptual bistability. <i>Cognitive Brain Research</i> , 2005, 24, 97-108.	3.0	70
45	Parietal Mechanisms of Attentional Control: Locations, Features, and Objects. , 2005, , 35-41.		15
46	Coordination of Voluntary and Stimulus-Driven Attentional Control in Human Cortex. <i>Psychological Science</i> , 2005, 16, 114-122.	3.3	412
47	Control of Object-based Attention in Human Cortex. <i>Cerebral Cortex</i> , 2004, 14, 1346-1357.	2.9	250
48	Control of Attention Shifts between Vision and Audition in Human Cortex. <i>Journal of Neuroscience</i> , 2004, 24, 10702-10706.	3.6	268
49	Visual Attention: Bottom-Up Versus Top-Down. <i>Current Biology</i> , 2004, 14, R850-R852.	3.9	367
50	Configural and contextual prioritization in object-based attention. <i>Psychonomic Bulletin and Review</i> , 2004, 11, 247-253.	2.8	103
51	Retinotopic mapping of the visual cortex using functional magnetic resonance imaging in a patient with central scotomas from atrophic macular degeneration. <i>Ophthalmology</i> , 2004, 111, 1595-1598.	5.2	114
52	Human MT+ mediates perceptual filling-in during apparent motion. <i>NeuroImage</i> , 2004, 21, 1772-1780.	4.2	72
53	Preparatory Activity in Visual Cortex Indexes Distractor Suppression During Covert Spatial Orienting. <i>Journal of Neurophysiology</i> , 2004, 92, 3538-3545.	1.8	152
54	Cortical mechanisms of space-based and object-based attentional control. <i>Current Opinion in Neurobiology</i> , 2003, 13, 187-193.	4.2	337

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55	Efficient acquisition of human retinotopic maps. <i>Human Brain Mapping</i> , 2003, 18, 22-29.	3.6	68
56	Attentional inhibition of visual processing in human striate and extrastriate cortex. <i>NeuroImage</i> , 2003, 19, 1602-1611.	4.2	163
57	NEUROSCIENCE: To See Is to Attend. <i>Science</i> , 2003, 299, 54-56.	12.6	17
58	Cortical Mechanisms of Feature-based Attentional Control. <i>Cerebral Cortex</i> , 2003, 13, 1334-1343.	2.9	260
59	Transient neural activity in human parietal cortex during spatial attention shifts. <i>Nature Neuroscience</i> , 2002, 5, 995-1002.	14.8	622
60	Object-based attention: Sensory modulation or priority setting?. <i>Perception & Psychophysics</i> , 2002, 64, 41-51.	2.3	167
61	Stimulus-Driven and Goal-Directed Attentional Control. , 2002, , 125-134.		10
62	New objects dominate luminance transients in setting attentional priority.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2001, 27, 1287-1302.	0.9	104
63	Attentional capture by globally defined objects. <i>Perception & Psychophysics</i> , 2001, 63, 1250-1261.	2.3	47
64	Masking unveils pre-amodal completion representation in visual search. <i>Nature</i> , 2001, 410, 369-372.	27.8	95
65	On the distinction between visual salience and stimulus-driven attentional capture.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1999, 25, 661-676.	0.9	375
66	Visual interactions in the path of apparent motion. <i>Nature Neuroscience</i> , 1998, 1, 508-512.	14.8	84
67	Object-Based Visual Selection: Evidence From Perceptual Completion. <i>Psychological Science</i> , 1998, 9, 104-110.	3.3	241
68	VISUAL ATTENTION: Control, Representation, and Time Course. <i>Annual Review of Psychology</i> , 1997, 48, 269-297.	17.7	1,120
69	Perceptual grouping in space and time: Evidence from the Ternus display. <i>Perception & Psychophysics</i> , 1997, 59, 87-99.	2.3	66
70	Attentional capture by abrupt onsets: New perceptual objects or visual masking?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1996, 22, 1505-1513.	0.9	127
71	Allocating visual attention: Tests of a two-process model.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1995, 21, 1376-1390.	0.9	30
72	Perceived Continuity of Occluded Visual Objects. <i>Psychological Science</i> , 1995, 6, 182-186.	3.3	57

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73	Visual motion and attentional capture. <i>Perception & Psychophysics</i> , 1994, 55, 399-411.	2.3	321
74	Object continuity in apparent motion and attention.. <i>Canadian Journal of Experimental Psychology</i> , 1994, 48, 182-204.	0.8	90
75	Stimulus-driven attentional capture: Evidence from equiluminant visual objects.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1994, 20, 95-107.	0.9	412
76	Dividing attention between color and shape: Evidence of coactivation. <i>Perception & Psychophysics</i> , 1993, 53, 357-366.	2.3	110
77	Stimulus-Driven Attentional Capture. <i>Current Directions in Psychological Science</i> , 1993, 2, 156-161.	5.3	274
78	Stimulus-driven attentional capture and attentional control settings.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1993, 19, 676-681.	0.9	250
79	Multielement visual tracking: Attention and perceptual organization. <i>Cognitive Psychology</i> , 1992, 24, 295-340.	2.2	527
80	Involuntary attentional capture by abrupt onsets. <i>Perception & Psychophysics</i> , 1992, 51, 279-290.	2.3	355
81	An interactive race model of divided attention.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1991, 17, 520-538.	0.9	211
82	Analyses of multinomial mixture distributions: New tests for stochastic models of cognition and action.. <i>Psychological Bulletin</i> , 1991, 110, 350-374.	6.1	83
83	Mechanisms of attentional selection: Temporally modulated priority tags. <i>Perception & Psychophysics</i> , 1991, 50, 166-178.	2.3	124
84	On the locus of visual selection: Evidence from focused attention tasks.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1990, 16, 135-149.	0.9	296
85	Mechanisms of attentional priority.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1990, 16, 812-825.	0.9	284
86	Abrupt visual onsets and selective attention: Voluntary versus automatic allocation.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1990, 16, 121-134.	0.9	914
87	Detecting conjunctions of color and form in parallel. <i>Perception & Psychophysics</i> , 1990, 48, 157-168.	2.3	71
88	Uniqueness of abrupt visual onset in capturing attention. <i>Perception & Psychophysics</i> , 1988, 43, 346-354.	2.3	875
89	On analog movements of visual attention. <i>Perception & Psychophysics</i> , 1988, 43, 203-206.	2.3	86
90	Modern mental chronometry. <i>Biological Psychology</i> , 1988, 26, 3-67.	2.2	330

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91	Dynamics of activation in semantic and episodic memory.. Journal of Experimental Psychology: General, 1988, 117, 130-147.	2.1	30
92	Temporal properties of human information processing: Tests of discrete versus continuous models. Cognitive Psychology, 1985, 17, 445-518.	2.2	83
93	Abrupt visual onsets and selective attention: Evidence from visual search.. Journal of Experimental Psychology: Human Perception and Performance, 1984, 10, 601-621.	0.9	1,121
94	Attentional capture in vision.. , 0, , 45-76.		164