

Steven Yantis

List of Publications by Year in descending order

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14614

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95
times ranked

8862
citing authors

#	ARTICLE	IF	CITATIONS
1	Abrupt visual onsets and selective attention: Evidence from visual search.. Journal of Experimental Psychology: Human Perception and Performance, 1984, 10, 601-621.	0.7	1,121
2	VISUAL ATTENTION: Control, Representation, and Time Course. Annual Review of Psychology, 1997, 48, 269-297.	9.9	1,120
3	Abrupt visual onsets and selective attention: Voluntary versus automatic allocation.. Journal of Experimental Psychology: Human Perception and Performance, 1990, 16, 121-134.	0.7	914
4	Uniqueness of abrupt visual onset in capturing attention. Perception & Psychophysics, 1988, 43, 346-354.	2.3	875
5	Value-driven attentional capture. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10367-10371.	3.3	857
6	Transient neural activity in human parietal cortex during spatial attention shifts. Nature Neuroscience, 2002, 5, 995-1002.	7.1	622
7	Multielement visual tracking: Attention and perceptual organization. Cognitive Psychology, 1992, 24, 295-340.	0.9	527
8	Selective visual attention and perceptual coherence. Trends in Cognitive Sciences, 2006, 10, 38-45.	4.0	451
9	Stimulus-driven attentional capture: Evidence from equiluminant visual objects.. Journal of Experimental Psychology: Human Perception and Performance, 1994, 20, 95-107.	0.7	412
10	Coordination of Voluntary and Stimulus-Driven Attentional Control in Human Cortex. Psychological Science, 2005, 16, 114-122.	1.8	412
11	On the distinction between visual salience and stimulus-driven attentional capture.. Journal of Experimental Psychology: Human Perception and Performance, 1999, 25, 661-676.	0.7	375
12	Visual Attention: Bottom-Up Versus Top-Down. Current Biology, 2004, 14, R850-R852.	1.8	367
13	Involuntary attentional capture by abrupt onsets. Perception & Psychophysics, 1992, 51, 279-290.	2.3	355
14	Cortical mechanisms of space-based and object-based attentional control. Current Opinion in Neurobiology, 2003, 13, 187-193.	2.0	337
15	Modern mental chronometry. Biological Psychology, 1988, 26, 3-67.	1.1	330
16	Visual motion and attentional capture. Perception & Psychophysics, 1994, 55, 399-411.	2.3	321
17	On the locus of visual selection: Evidence from focused attention tasks.. Journal of Experimental Psychology: Human Perception and Performance, 1990, 16, 135-149.	0.7	296
18	Mechanisms of attentional priority.. Journal of Experimental Psychology: Human Perception and Performance, 1990, 16, 812-825.	0.7	284

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19	Stimulus-Driven Attentional Capture. <i>Current Directions in Psychological Science</i> , 1993, 2, 156-161.	2.8	274
20	Control of Attention Shifts between Vision and Audition in Human Cortex. <i>Journal of Neuroscience</i> , 2004, 24, 10702-10706.	1.7	268
21	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.	1.6	265
22	Cortical Mechanisms of Feature-based Attentional Control. <i>Cerebral Cortex</i> , 2003, 13, 1334-1343.	1.6	260
23	Stimulus-driven attentional capture and attentional control settings.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1993, 19, 676-681.	0.7	250
24	Control of Object-based Attention in Human Cortex. <i>Cerebral Cortex</i> , 2004, 14, 1346-1357.	1.6	250
25	Object-Based Visual Selection: Evidence From Perceptual Completion. <i>Psychological Science</i> , 1998, 9, 104-110.	1.8	241
26	Avoiding non-independence in fMRI data analysis: Leave one subject out. <i>NeuroImage</i> , 2010, 50, 572-576.	2.1	233
27	Learned Value Magnifies Saliency-Based Attentional Capture. <i>PLoS ONE</i> , 2011, 6, e27926.	1.1	229
28	An interactive race model of divided attention.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1991, 17, 520-538.	0.7	211
29	Parietal Cortex Mediates Voluntary Control of Spatial and Nonspatial Auditory Attention. <i>Journal of Neuroscience</i> , 2006, 26, 435-439.	1.7	210
30	Cortical Mechanisms for Shifting and Holding Visuospatial Attention. <i>Cerebral Cortex</i> , 2008, 18, 114-125.	1.6	190
31	Object-based attention: Sensory modulation or priority setting?. <i>Perception & Psychophysics</i> , 2002, 64, 41-51.	2.3	167
32	Perceptual Expectation Evokes Category-Selective Cortical Activity. <i>Cerebral Cortex</i> , 2010, 20, 1245-1253.	1.6	165
33	Attentional capture in vision.. , 0, , 45-76.		164
34	Attentional inhibition of visual processing in human striate and extrastriate cortex. <i>NeuroImage</i> , 2003, 19, 1602-1611.	2.1	163
35	Persistence of value-driven attentional capture.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 6-9.	0.7	163
36	Control of Spatial and Feature-Based Attention in Frontoparietal Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 14330-14339.	1.7	160

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37	Preparatory Activity in Visual Cortex Indexes Distractor Suppression During Covert Spatial Orienting. <i>Journal of Neurophysiology</i> , 2004, 92, 3538-3545.	0.9	152
38	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.	3.3	149
39	Value-driven attentional and oculomotor capture during goal-directed, unconstrained viewing. <i>Attention, Perception, and Psychophysics</i> , 2012, 74, 1644-1653.	0.7	149
40	Value-driven attentional priority signals in human basal ganglia and visual cortex. <i>Brain Research</i> , 2014, 1587, 88-96.	1.1	134
41	The Neural Basis of Selective Attention. <i>Current Directions in Psychological Science</i> , 2008, 17, 86-90.	2.8	133
42	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.	0.7	127
43	Mechanisms of attentional selection: Temporally modulated priority tags. <i>Perception & Psychophysics</i> , 1991, 50, 166-178.	2.3	124
44	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.	1.7	124
45	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.	2.5	114
46	Attentional bias for nondrug reward is magnified in addiction.. <i>Experimental and Clinical Psychopharmacology</i> , 2013, 21, 499-506.	1.3	113
47	Dividing attention between color and shape: Evidence of coactivation. <i>Perception & Psychophysics</i> , 1993, 53, 357-366.	2.3	110
48	New objects dominate luminance transients in setting attentional priority.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2001, 27, 1287-1302.	0.7	104
49	Configural and contextual prioritization in object-based attention. <i>Psychonomic Bulletin and Review</i> , 2004, 11, 247-253.	1.4	103
50	Generalization of value-based attentional priority. <i>Visual Cognition</i> , 2012, 20, 647-658.	0.9	103
51	Cortical Mechanisms of Cognitive Control for Shifting Attention in Vision and Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2905-2919.	1.1	96
52	The Role of Dopamine in Value-Based Attentional Orienting. <i>Current Biology</i> , 2016, 26, 550-555.	1.8	96
53	Masking unveils pre-amodal completion representation in visual search. <i>Nature</i> , 2001, 410, 369-372.	13.7	95
54	Visuotopic Cortical Connectivity Underlying Attention Revealed with White-Matter Tractography. <i>Journal of Neuroscience</i> , 2012, 32, 2773-2782.	1.7	93

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55	Object continuity in apparent motion and attention.. Canadian Journal of Experimental Psychology, 1994, 48, 182-204.	0.7	90
56	Reward predictions bias attentional selection. Frontiers in Human Neuroscience, 2013, 7, 262.	1.0	88
57	Human Adult Cortical Reorganization and Consequent Visual Distortion. Journal of Neuroscience, 2007, 27, 9585-9594.	1.7	87
58	On analog movements of visual attention. Perception & Psychophysics, 1988, 43, 203-206.	2.3	86
59	Visual interactions in the path of apparent motion. Nature Neuroscience, 1998, 1, 508-512.	7.1	84
60	Temporal properties of human information processing: Tests of discrete versus continuous models. Cognitive Psychology, 1985, 17, 445-518.	0.9	83
61	Analyses of multinomial mixture distributions: New tests for stochastic models of cognition and action.. Psychological Bulletin, 1991, 110, 350-374.	5.5	83
62	The role of reward prediction in the control of attention.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 1654-1664.	0.7	78
63	How visual salience wins the battle for awareness. Nature Neuroscience, 2005, 8, 975-977.	7.1	75
64	Human MT+ mediates perceptual filling-in during apparent motion. NeuroImage, 2004, 21, 1772-1780.	2.1	72
65	Detecting conjunctions of color and form in parallel. Perception & Psychophysics, 1990, 48, 157-168.	2.3	71
66	Common neural substrates for the control and effects of visual attention and perceptual bistability. Cognitive Brain Research, 2005, 24, 97-108.	3.3	70
67	Efficient acquisition of human retinotopic maps. Human Brain Mapping, 2003, 18, 22-29.	1.9	68
68	Perceptual grouping in space and time: Evidence from the Ternus display. Perception & Psychophysics, 1997, 59, 87-99.	2.3	66
69	Estimating linear cortical magnification in human primary visual cortex via dynamic programming. NeuroImage, 2006, 31, 125-138.	2.1	66
70	Perceived Continuity of Occluded Visual Objects. Psychological Science, 1995, 6, 182-186.	1.8	57
71	The attribution of value-based attentional priority in individuals with depressive symptoms. Cognitive, Affective and Behavioral Neuroscience, 2014, 14, 1221-1227.	1.0	57
72	Learning to attend: Effects of practice on information selection. Journal of Vision, 2009, 9, 16-16.	0.1	49

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73	Attentional capture by globally defined objects. <i>Perception & Psychophysics</i> , 2001, 63, 1250-1261.	2.3	47
74	Temporally Unfolding Neural Representation of Pictorial Occlusion. <i>Psychological Science</i> , 2006, 17, 358-364.	1.8	33
75	Valuable orientations capture attention. <i>Visual Cognition</i> , 2015, 23, 133-146.	0.9	32
76	Dynamics of activation in semantic and episodic memory.. <i>Journal of Experimental Psychology: General</i> , 1988, 117, 130-147.	1.5	30
77	Allocating visual attention: Tests of a two-process model.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1995, 21, 1376-1390.	0.7	30
78	Decoding Task-based Attentional Modulation during Face Categorization. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1198-1204.	1.1	28
79	Spontaneous Fluctuations in the Flexible Control of Covert Attention. <i>Journal of Neuroscience</i> , 2016, 36, 445-454.	1.7	23
80	Neural Correlates of Learning to Attend. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 216.	1.0	20
81	Tracking the will to attend: Cortical activity indexes self-generated, voluntary shifts of attention. <i>Attention, Perception, and Psychophysics</i> , 2016, 78, 2176-2184.	0.7	20
82	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
83	Reward and Attentional Control in Visual Search. <i>Nebraska Symposium on Motivation</i> , 2012, 59, 91-116.	0.9	20
84	Retinotopic mapping in the human visual cortex using vascular space occupancy-dependent functional magnetic resonance imaging. <i>NeuroReport</i> , 2005, 16, 1635-1640.	0.6	18
85	NEUROSCIENCE: To See Is to Attend. <i>Science</i> , 2003, 299, 54-56.	6.0	17
86	Learned states of preparatory attentional control.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2015, 41, 1790-1805.	0.7	17
87	Parietal Mechanisms of Attentional Control: Locations, Features, and Objects. , 2005, , 35-41.		15
88	Tracking cognitive fluctuations with multivoxel pattern time course (MVPTC) analysis. <i>Neuropsychologia</i> , 2012, 50, 479-486.	0.7	13
89	Attending to illusory differences in object size. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 1393-1402.	0.7	11
90	Stimulus-Driven and Goal-Directed Attentional Control. , 2002, , 125-134.		10

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91	Reinforcement learning modulates the stability of cognitive control settings for object selection. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 95.	1.0	6
92	Reinforcement learning modulates preparatory states of cognitive flexibility. <i>Visual Cognition</i> , 2012, 20, 1039-1043.	0.9	1
93	The attribution of value-based attentional priority in individuals with depressive symptoms. <i>Visual Cognition</i> , 2014, 22, 1014-1017.	0.9	1
94	The Attribution of Value-Based Attentional Priority in Individuals with Depressive Symptoms. <i>Visual Cognition</i> , 2014, 22, 1014-1017.	0.9	0