

# Sarah Shomstein

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1570793/publications.pdf>

Version: 2024-02-01

59  
papers

2,770  
citations

304743

22  
h-index

254184

43  
g-index

63  
all docs

63  
docs citations

63  
times ranked

3151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parietal cortex and attention. <i>Current Opinion in Neurobiology</i> , 2004, 14, 212-217.	4.2	512
2	Coordination of Voluntary and Stimulus-Driven Attentional Control in Human Cortex. <i>Psychological Science</i> , 2005, 16, 114-122.	3.3	412
3	Control of Attention Shifts between Vision and Audition in Human Cortex. <i>Journal of Neuroscience</i> , 2004, 24, 10702-10706.	3.6	268
4	Parietal Cortex Mediates Voluntary Control of Spatial and Nonspatial Auditory Attention. <i>Journal of Neuroscience</i> , 2006, 26, 435-439.	3.6	210
5	Object-based attention: Sensory modulation or priority setting?. <i>Perception &amp; Psychophysics</i> , 2002, 64, 41-51.	2.3	167
6	Cognitive functions of the posterior parietal cortex: top-down and bottom-up attentional control. <i>Frontiers in Integrative Neuroscience</i> , 2012, 6, 38.	2.1	152
7	Configural and contextual prioritization in object-based attention. <i>Psychonomic Bulletin and Review</i> , 2004, 11, 247-253.	2.8	103
8	Cortical systems mediating visual attention to both objects and spatial locations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11387-11392.	7.1	85
9	Object-based attention: Strength of object representation and attentional guidance. <i>Perception &amp; Psychophysics</i> , 2008, 70, 132-144.	2.3	66
10	The eye movements of pure alexic patients during reading and nonreading tasks. <i>Neuropsychologia</i> , 2001, 39, 983-1002.	1.6	63
11	Top-down and bottom-up attentional guidance: investigating the role of the dorsal and ventral parietal cortices. <i>Experimental Brain Research</i> , 2010, 206, 197-208.	1.5	60
12	Reward-Based Transfer From Bottom-Up to Top-Down Search Tasks. <i>Psychological Science</i> , 2014, 25, 466-475.	3.3	57
13	Shaping Attention With Reward. <i>Psychological Science</i> , 2013, 24, 2369-2378.	3.3	49
14	The Differential Effects of Reward on Space- and Object-Based Attentional Allocation. <i>Journal of Neuroscience</i> , 2013, 33, 10625-10633.	3.6	49
15	Object-based attention: Shifting or uncertainty?. <i>Attention, Perception, and Psychophysics</i> , 2010, 72, 1743-1755.	1.3	46
16	Object-based attention in real-world scenes.. <i>Journal of Experimental Psychology: General</i> , 2015, 144, 257-263.	2.1	39
17	Object-based attention: strategy versus automaticity. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2012, 3, 163-169.	2.8	38
18	Mindfulness-based interventions and cognitive function among breast cancer survivors: a systematic review. <i>BMC Cancer</i> , 2018, 18, 1163.	2.6	33

#	ARTICLE	IF	CITATIONS
19	Visual Short-Term Memory Activity in Parietal Lobe Reflects Cognitive Processes beyond Attentional Selection. <i>Journal of Neuroscience</i> , 2018, 38, 1511-1519.	3.6	31
20	Intrusive effects of semantic information on visual selective attention. <i>Attention, Perception, and Psychophysics</i> , 2016, 78, 2066-2078.	1.3	30
21	Perceptual grouping operates independently of attentional selection: Evidence from hemispatial neglect. <i>Attention, Perception, and Psychophysics</i> , 2010, 72, 607-618.	1.3	29
22	Attentional control: Temporal relationships within the fronto-parietal network. <i>Neuropsychologia</i> , 2012, 50, 1202-1210.	1.6	29
23	Attention scales according to inferred real-world object size. <i>Nature Human Behaviour</i> , 2019, 3, 40-47.	12.0	24
24	Spatial and non-spatial aspects of visual attention: Interactive cognitive mechanisms and neural underpinnings. <i>Neuropsychologia</i> , 2016, 92, 9-19.	1.6	23
25	Retinotopic information interacts with category selectivity in human ventral cortex. <i>Neuropsychologia</i> , 2016, 92, 90-106.	1.6	21
26	Prism Adaptation Modulates Connectivity of the Intraparietal Sulcus with Multiple Brain Networks. <i>Cerebral Cortex</i> , 2020, 30, 4747-4758.	2.9	21
27	Intrusive effects of task-irrelevant information on visual selective attention: semantics and size. <i>Current Opinion in Psychology</i> , 2019, 29, 153-159.	4.9	17
28	Callosal anisotropy predicts attentional network changes after parietal inhibitory stimulation. <i>NeuroImage</i> , 2021, 226, 117559.	4.2	17
29	Hemifield asymmetries differentiate VSTM for single- and multiple-feature objects. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 1609-1619.	1.3	16
30	Object width modulates object-based attentional selection. <i>Attention, Perception, and Psychophysics</i> , 2018, 80, 1375-1389.	1.3	16
31	Left-shifting prism adaptation boosts reward-based learning. <i>Cortex</i> , 2018, 109, 279-286.	2.4	16
32	Spatial attention is necessary for object-based attention: Evidence from temporal-order judgments. <i>Attention, Perception, and Psychophysics</i> , 2017, 79, 753-764.	1.3	12
33	Looking without Perceiving: Impaired Preattentive Perceptual Grouping in Autism Spectrum Disorder. <i>PLoS ONE</i> , 2016, 11, e0158566.	2.5	10
34	The timecourse of space- and object-based attentional prioritization with varying degrees of certainty. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 88.	2.1	8
35	Target frequency modulates object-based attention. <i>Psychonomic Bulletin and Review</i> , 2020, 27, 981-989.	2.8	7
36	Attention and platypuses. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2023, 14, e1600.	2.8	6

#	ARTICLE	IF	CITATIONS
37	Task set induces dynamic reallocation of resources in visual short-term memory. <i>Psychonomic Bulletin and Review</i> , 2017, 24, 1113-1120.	2.8	5
38	Neural Correlates of Perceptual Grouping Under Conditions of Inattention and Divided Attention. <i>Perception</i> , 2020, 49, 495-514.	1.2	5
39	From "satisfaction of search" to "subsequent search misses": a review of multiple-target search errors across radiology and cognitive science. <i>Cognitive Research: Principles and Implications</i> , 2021, 6, 59.	2.0	5
40	Object Perception, Attention, and Memory 2007 Conference Report 15th Annual Meeting, Long Beach, California, USA. <i>Visual Cognition</i> , 2008, 16, 90-143.	1.6	3
41	Hemispatial Neglect, <i>Neural Basis of.</i> , 2015, , 766-772.		2
42	Attention and Perception: 40 reviews, 40 views. <i>Current Opinion in Psychology</i> , 2019, 29, v-viii.	4.9	2
43	Task-Irrelevant Semantic Properties of Objects Impinge on Sensory Representations within the Early Visual Cortex. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab049.	1.6	2
44	Failure of Attentional Control is a Vulnerability Factor for PTSD: An Identical Twin Study. <i>Biological Psychiatry</i> , 2020, 87, S115-S116.	1.3	1
45	Semantic Associations Between Scenes and Objects Bias Attention Even When Task-irrelevant. <i>Journal of Vision</i> , 2019, 19, 46a.	0.3	1
46	Conscious awareness of methodological choices: A reply to Milberg and McGlinchey (2010). <i>Attention, Perception, and Psychophysics</i> , 2010, 72, 622-627.	1.3	0
47	Invalidly cued targets are well localized when detected. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 1757-1766.	1.3	0
48	Prismatic Adaptation Boosts Feedback-Based Learning. <i>Journal of Vision</i> , 2017, 17, 1304.	0.3	0
49	Does Orientation Matter? The Effects of Target Orientation in Multiple Target Visual Search. <i>Journal of Vision</i> , 2017, 17, 79.	0.3	0
50	Real-World Object Size Affects Attentional Allocation. <i>Journal of Vision</i> , 2017, 17, 1339.	0.3	0
51	Repetition Priming Preferentially Benefits Infrequent Targets. <i>Journal of Vision</i> , 2017, 17, 1127.	0.3	0
52	Task-Irrelevant Semantic Relationships Between Objects and Scene Guide Visual Attention. <i>Journal of Vision</i> , 2018, 18, 323.	0.3	0
53	Prismatic adaptation modulates inter-hemispheric balance with a subsequent change in visual field coverage. <i>Journal of Vision</i> , 2018, 18, 897.	0.3	0
54	Object Semantic Knowledge Can Bias Visual Processing Toward the Dorsal and Ventral Stream. <i>Journal of Vision</i> , 2019, 19, 114d.	0.3	0

#	ARTICLE	IF	CITATIONS
55	effects of semantic information on task-irrelevant attentional processing. <i>Journal of Vision</i> , 2019, 19, 47.	0.3	0
56	Perception With and Without Attention: Neural Correlates of Grouping by Similarity in Preattention and Divided-Attention Conditions. <i>Journal of Vision</i> , 2019, 19, 151.	0.3	0
57	Mugs and Plants: Objectsâ€™ Action Associations Bias Perception. <i>Journal of Vision</i> , 2020, 20, 153.	0.3	0
58	Closing in on a potential biomarker for early detection of autism: Reduced pupil responses to repeated multisensory stimuli in young children with autism. <i>Journal of Vision</i> , 2020, 20, 1495.	0.3	0
59	The Costly Influence of Task-Irrelevant Semantic Information on Attentional Allocation. <i>Journal of Vision</i> , 2020, 20, 1525.	0.3	0