

Sander Martens

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55 papers	2,135 citations	23 h-index	46 g-index
61 ext. papers	2,437 ext. citations	4.2 avg, IF	4.96 L-index

#	Paper	IF	Citations
55	Restricted attentional capacity within but not between sensory modalities. <i>Nature</i> , 1997 , 387, 808-10	50.4	316
54	The attentional blink: past, present, and future of a blind spot in perceptual awareness. <i>Neuroscience and Biobehavioral Reviews</i> , 2010 , 34, 947-57	9	216
53	Pupil dilation deconvolution reveals the dynamics of attention at high temporal resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 8456-60	11.5	201
52	Too much control can hurt: a threaded cognition model of the attentional blink. <i>Cognitive Psychology</i> , 2009 , 59, 1-29	3.1	141
51	Quick minds don't blink: electrophysiological correlates of individual differences in attentional selection. <i>Journal of Cognitive Neuroscience</i> , 2006 , 18, 1423-38	3.1	137
50	Resource sharing in the attentional blink. <i>NeuroReport</i> , 2006 , 17, 163-6	1.7	114
49	Timing attention: cuing target onset interval attenuates the attentional blink. <i>Memory and Cognition</i> , 2005 , 33, 234-40	2.2	86
48	Distinct associations of insula and cingulate volume with the cognitive and affective dimensions of alexithymia. <i>Neuropsychologia</i> , 2014 , 53, 284-92	3.2	71
47	Magnetic resonance spectroscopy in mild cognitive impairment: systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2013 , 37, 2571-86	9	63
46	Using frequency tagging to quantify attentional deployment in a visual divided attention task. <i>International Journal of Psychophysiology</i> , 2009 , 72, 289-98	2.9	56
45	Individual differences in the attentional blink. The important role of irrelevant information. <i>Experimental Psychology</i> , 2009 , 56, 18-26	1.5	52
44	Blinks of the mind: Memory effects of attentional processes.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002 , 28, 1275-1287	2.6	48
43	Detection of emotional expressions in rapidly changing facial displays in high- and low-socially anxious women. <i>Behaviour Research and Therapy</i> , 2007 , 45, 1285-94	5.2	42
42	Cuing and stimulus probability effects on the P3 and the AB. <i>Acta Psychologica</i> , 2006 , 123, 204-18	1.7	39
41	Distracting the mind improves performance: an ERP Study. <i>PLoS ONE</i> , 2010 , 5, e15024	3.7	37
40	Working memory capacity, intelligence, and the magnitude of the attentional blink revisited. <i>Experimental Brain Research</i> , 2009 , 192, 43-52	2.3	35
39	Emotional facial expressions and the attentional blink: Attenuated blink for angry and happy faces irrespective of social anxiety. <i>Cognition and Emotion</i> , 2009 , 23, 1640-1652	2.3	35

38	Hearing feelings: affective categorization of music and speech in alexithymia, an ERP study. <i>PLoS ONE</i> , 2011 , 6, e19501	3.7	34
37	Association between Cognition and Serum Insulin-Like Growth Factor-1 in Middle-Aged & Older Men: An 8 Year Follow-Up Study. <i>PLoS ONE</i> , 2016 , 11, e0154450	3.7	33
36	Angry facial expressions hamper subsequent target identification. <i>Emotion</i> , 2010 , 10, 727-32	4.1	32
35	Blinks of the mind: memory effects of attentional processes. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002 , 28, 1275-87	2.6	30
34	The nature of affective priming in music and speech. <i>Journal of Cognitive Neuroscience</i> , 2012 , 24, 1725-41	3.1	27
33	Blunted feelings: alexithymia is associated with a diminished neural response to speech prosody. <i>Social Cognitive and Affective Neuroscience</i> , 2014 , 9, 1108-17	4	26
32	The sound of feelings: electrophysiological responses to emotional speech in alexithymia. <i>PLoS ONE</i> , 2012 , 7, e36951	3.7	21
31	Rethinking neural efficiency: effects of controlling for strategy use. <i>Behavioral Neuroscience</i> , 2007 , 121, 854-70	2.1	21
30	Time to see the bigger picture: Individual differences in the attentional blink. <i>Psychonomic Bulletin and Review</i> , 2016 , 23, 1289-1299	4.1	20
29	A quick visual mind can be a slow auditory mind. Individual differences in attentional selection across modalities. <i>Experimental Psychology</i> , 2009 , 56, 33-40	1.5	17
28	Restricted attentional capacity within but not between sensory modalities: an individual differences approach. <i>PLoS ONE</i> , 2010 , 5, e15280	3.7	16
27	Training-induced Changes in the Dynamics of Attention as Reflected in Pupil Dilation. <i>Journal of Cognitive Neuroscience</i> , 2015 , 27, 1161-71	3.1	15
26	The impact of negative attentional set upon target processing in RSVP: an ERP study. <i>Neuropsychologia</i> , 2009 , 47, 2604-14	3.2	15
25	Quick minds slowed down: effects of rotation and stimulus category on the attentional blink. <i>PLoS ONE</i> , 2010 , 5, e13509	3.7	14
24	Lower Choline and Myo-Inositol in Temporo-Parietal Cortex Is Associated With Apathy in Amnestic MCI. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 106	5.3	12
23	Individual differences in the attentional blink: the temporal profile of blinkers and non-blinkers. <i>PLoS ONE</i> , 2013 , 8, e66185	3.7	12
22	Cross-task repetition amnesia: Impaired recall of RSVP targets held in memory for a secondary task. <i>Acta Psychologica</i> , 2007 , 125, 319-33	1.7	10
21	Individual Differences in Temporal Selective Attention as Reflected in Pupil Dilation. <i>PLoS ONE</i> , 2015 , 10, e0145056	3.7	10

20	Musical minds: attentional blink reveals modality-specific restrictions. <i>PLoS ONE</i> , 2015 , 10, e0118294	3.7	9
19	Inflexible minds: impaired attention switching in recent-onset schizophrenia. <i>PLoS ONE</i> , 2013 , 8, e78062	3.7	9
18	A quick mind with letters can be a slow mind with natural scenes: individual differences in attentional selection. <i>PLoS ONE</i> , 2010 , 5, e13562	3.7	8
17	The nature of hemispheric specialization for prosody perception. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014 , 14, 1104-14	3.5	7
16	Functional network topology associated with apathy in Alzheimer's disease. <i>Journal of Affective Disorders</i> , 2020 , 266, 473-481	6.6	6
15	Normal cognitive conflict resolution in psychosis patients with and without schizophrenia. <i>Journal of Abnormal Psychology</i> , 2016 , 125, 88-103	7	6
14	An Individual Differences Approach to Temporal Integration and Order Reversals in the Attentional Blink Task. <i>PLoS ONE</i> , 2016 , 11, e0156538	3.7	6
13	Negative attentional set in the attentional blink: control is not lost. <i>Attention, Perception, and Psychophysics</i> , 2011 , 73, 2489-501	2	5
12	Interference in Implicit Memory Caused by Processing of Interpolated Material. <i>American Journal of Psychology</i> , 2002 , 115, 169	0.5	4
11	Distinct temporal processing of task-irrelevant emotional facial expressions. <i>Emotion</i> , 2014 , 14, 12-6	4.1	3
10	Differential effects of exogenous and endogenous cueing in multi-stream RSVP: implications for theories of attentional blink. <i>Experimental Brain Research</i> , 2010 , 205, 415-22	2.3	3
9	Widespread white matter aberration is associated with the severity of apathy in amnesic Mild Cognitive Impairment: Tract-based spatial statistics analysis. <i>NeuroImage: Clinical</i> , 2021 , 29, 102567	5.3	3
8	Beta-gamma oscillation reveals learning from unexpected reward in learners versus non-learners. <i>Neuropsychologia</i> , 2019 , 131, 266-274	3.2	2
7	Fragmented perception: slower space-based but faster object-based attention in recent-onset psychosis with and without Schizophrenia. <i>PLoS ONE</i> , 2013 , 8, e59983	3.7	2
6	Word frequency and the attentional blink: the effects of target difficulty on retrieval and consolidation processes. <i>PLoS ONE</i> , 2013 , 8, e73415	3.7	2
5	Two faces of perceptual awareness during the attentional blink: Gradual and discrete		1
4	A Skill-Based Approach to Modeling the Attentional Blink. <i>Topics in Cognitive Science</i> , 2020 , 12, 1030-1045	5.5	1
3	Testing the skill-based approach: Consolidation strategy impacts attentional blink performance.. <i>PLoS ONE</i> , 2022 , 17, e0262350	3.7	0

- 2 Training the attentional blink: subclinical depression decreases learning potential. *Psychological Research*, **2021**, 1 2.5 0
- 1 Apathy and white matter integrity in amnesic mild cognitive impairment: A whole brain analysis with tract-based spatial statistics. *Alzheimer's and Dementia*, **2020**, 16, e040838 1.2