

# Nilli Lavie

## List of Publications by Year in descending order

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94  
papers

14,795  
citations

34105

52  
h-index

43889

91  
g-index

97  
all docs

97  
docs citations

97  
times ranked

8497  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distracted and confused?: Selective attention under load. Trends in Cognitive Sciences, 2005, 9, 75-82.	7.8	1,681
2	Load Theory of Selective Attention and Cognitive Control.. Journal of Experimental Psychology: General, 2004, 133, 339-354.	2.1	1,361
3	Perceptual load as a necessary condition for selective attention.. Journal of Experimental Psychology: Human Perception and Performance, 1995, 21, 451-468.	0.9	1,333
4	The Role of Working Memory in Visual Selective Attention. Science, 2001, 291, 1803-1806.	12.6	853
5	The Role of Perceptual Load in Processing Distractor Faces. Psychological Science, 2003, 14, 510-515.	3.3	803
6	Perceptual load as a major determinant of the locus of selection in visual attention. Perception & Psychophysics, 1994, 56, 183-197.	2.3	745
7	Modulating Irrelevant Motion Perception by Varying Attentional Load in an Unrelated Task. Science, 1997, 278, 1616-1619.	12.6	557
8	Attention, Distraction, and Cognitive Control Under Load. Current Directions in Psychological Science, 2010, 19, 143-148.	5.3	483
9	Neural correlates of change detection and change blindness. Nature Neuroscience, 2001, 4, 645-650.	14.8	425
10	On the Efficiency of Visual Selective Attention: Efficient Visual Search Leads to Inefficient Distractor Rejection. Psychological Science, 1997, 8, 395-396.	3.3	338
11	The role of working memory in attentional capture. Psychonomic Bulletin and Review, 2005, 12, 669-674.	2.8	278
12	Striate cortex (V1) activity gates awareness of motion. Nature Neuroscience, 2005, 8, 143-144.	14.8	233
13	The role of perceptual load in inattention blindness. Cognition, 2007, 102, 321-340.	2.2	229
14	On the spatial extent of attention in object-based visual selection. Perception & Psychophysics, 1996, 58, 1238-1251.	2.3	222
15	Blinded by the load: attention, awareness and the role of perceptual load. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130205.	4.0	201
16	Attending to color and shape: The special role of location in selective visual processing. Perception & Psychophysics, 1988, 44, 15-21.	2.3	195
17	Harnessing the wandering mind: The role of perceptual load. Cognition, 2009, 111, 345-355.	2.2	194
18	Attentional Load Modulates Responses of Human Primary Visual Cortex to Invisible Stimuli. Current Biology, 2007, 17, 509-513.	3.9	187

#	ARTICLE	IF	CITATIONS
19	Visual perceptual load induces inattentive deafness. <i>Attention, Perception, and Psychophysics</i> , 2011, 73, 1780-1789.	1.3	186
20	Effect of articulatory and mental tasks on postural control. <i>NeuroReport</i> , 1999, 10, 215-219.	1.2	170
21	Stimulation of the Human Frontal Eye Fields Modulates Sensitivity of Extrastriate Visual Cortex. <i>Journal of Neurophysiology</i> , 2006, 96, 941-945.	1.8	165
22	Failures to ignore entirely irrelevant distractors: The role of load.. <i>Journal of Experimental Psychology: Applied</i> , 2008, 14, 73-83.	1.2	155
23	Neural Correlates of Attentional Capture in Visual Search. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 751-759.	2.3	151
24	The role of perceptual load in visual awareness. <i>Brain Research</i> , 2006, 1080, 91-100.	2.2	151
25	Contrasting effects of sensory limits and capacity limits in visual selective attention. <i>Perception &amp; Psychophysics</i> , 2003, 65, 202-212.	2.3	143
26	The role of perceptual load in negative priming.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2000, 26, 1038-1052.	0.9	135
27	Processing of irrelevant visual motion during performance of an auditory attention task. <i>Neuropsychologia</i> , 2001, 39, 937-949.	1.6	135
28	Load induced blindness.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2008, 34, 1078-1091.	0.9	135
29	Look Here but Ignore What You See: Effects of Distractors at Fixation.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2005, 31, 592-607.	0.9	125
30	Attentional capture by irrelevant emotional distractor faces.. <i>Emotion</i> , 2011, 11, 346-353.	1.8	124
31	What can functional imaging reveal about the role of attention in visual awareness?. <i>Neuropsychologia</i> , 2001, 39, 1343-1353.	1.6	123
32	Inattentive Deafness: Visual Load Leads to Time-Specific Suppression of Auditory Evoked Responses. <i>Journal of Neuroscience</i> , 2015, 35, 16046-16054.	3.6	109
33	Attentional biases for faces and body parts. <i>Visual Cognition</i> , 2007, 15, 322-348.	1.6	101
34	Hippocampus-dependent and -independent theta-networks of active maintenance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20493-20498.	7.1	100
35	Right parietal TMS shortens dominance durations in binocular rivalry. <i>Current Biology</i> , 2010, 20, R799-R800.	3.9	99
36	Attentional capture by entirely irrelevant distractors. <i>Visual Cognition</i> , 2008, 16, 200-214.	1.6	95

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37	Distracted by pleasure: Effects of positive versus negative valence on emotional capture under load.. <i>Emotion</i> , 2016, 16, 328-337.	1.8	95
38	Load-induced inattentive deafness. <i>Attention, Perception, and Psychophysics</i> , 2015, 77, 483-492.	1.3	92
39	The Perceptual and Functional Consequences of Parietal Top-Down Modulation on the Visual Cortex. <i>Cerebral Cortex</i> , 2009, 19, 327-330.	2.9	86
40	Lightening the load: Perceptual load impairs visual detection in typical adults but not in autism.. <i>Journal of Abnormal Psychology</i> , 2012, 121, 544-551.	1.9	83
41	Working memory load and distraction: dissociable effects of visual maintenance and cognitive control. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 1985-1997.	1.3	75
42	Ignoring famous faces: Category-specific dilution of distractor interference. <i>Perception &amp; Psychophysics</i> , 2003, 65, 298-309.	2.3	73
43	Making the blindsighted see. <i>Neuropsychologia</i> , 2007, 45, 3346-3350.	1.6	73
44	Distracted by your mind? Individual differences in distractibility predict mind wandering.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 251-260.	0.9	73
45	The role of perceptual load in object recognition.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2009, 35, 1346-1358.	0.9	71
46	Conscious Awareness of Flicker in Humans Involves Frontal and Parietal Cortex. <i>Current Biology</i> , 2006, 16, 907-911.	3.9	70
47	Murder, she wrote: Enhanced sensitivity to negative word valence.. <i>Emotion</i> , 2009, 9, 609-618.	1.8	70
48	Enhanced visual perception with occipital transcranial magnetic stimulation. <i>European Journal of Neuroscience</i> , 2011, 34, 1320-1325.	2.6	70
49	Recognition memory for distractor faces depends on attentional load at exposure. <i>Psychonomic Bulletin and Review</i> , 2005, 12, 314-320.	2.8	61
50	Auditory Attentional Capture: Effects of Singleton Distractor Sounds.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2004, 30, 180-193.	0.9	58
51	Frontal control of attentional capture in visual search. <i>Visual Cognition</i> , 2006, 14, 863-876.	1.6	57
52	Dissociable roles of different types of working memory load in visual detection.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 919-924.	0.9	57
53	Perceptual load alters visual excitability.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2011, 37, 1350-1360.	0.9	53
54	Attentional demands of continuously monitoring orientation using vestibular information. <i>Neuropsychologia</i> , 2002, 40, 373-383.	1.6	51

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55	Establishing the Attention-Distractibility Trait. <i>Psychological Science</i> , 2016, 27, 203-212.	3.3	51
56	Plugging the attention deficit: Perceptual load counters increased distraction in ADHD.. <i>Neuropsychology</i> , 2014, 28, 91-97.	1.3	44
57	The Role of Perceptual Load in Neglect: Rejection of Ipsilesional Distractors is Facilitated with Higher Central Load. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 867-876.	2.3	41
58	Spatial Attention Can Modulate Unconscious Orientation Processing. <i>Perception</i> , 2008, 37, 1520-1528.	1.2	41
59	Emotional attentional capture in children with conduct problems: the role of callous-unemotional traits. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 570.	2.0	35
60	Attention and Capacity Limits in Perception: A Cellular Metabolism Account. <i>Journal of Neuroscience</i> , 2020, 40, 6801-6811.	3.6	35
61	Perceptual load modulates conscious flicker perception. <i>Journal of Vision</i> , 2007, 7, 14.	0.3	34
62	Dilution: A theoretical burden or just load? A reply to Tsal and Benoni (2010).. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2010, 36, 1657-1664.	0.9	34
63	I can see clearly now: the effects of age and perceptual load on inattention blindness. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 229.	2.0	33
64	Task coordination between and within sensory modalities: Effects on distraction. <i>Perception &amp; Psychophysics</i> , 2008, 70, 508-515.	2.3	32
65	Visual Short-term Memory Load Reduces Retinotopic Cortex Response to Contrast. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 2199-2210.	2.3	32
66	Entirely irrelevant distractors can capture and captivate attention. <i>Psychonomic Bulletin and Review</i> , 2011, 18, 1064-1070.	2.8	31
67	Visual feature integration and focused attention: Response competition from multiple distractor features. <i>Perception &amp; Psychophysics</i> , 1997, 59, 543-556.	2.3	29
68	Seeing the unseen: Autism involves reduced susceptibility to inattention blindness.. <i>Neuropsychology</i> , 2014, 28, 563-570.	1.3	28
69	Distractor effects during processing of words under load. <i>Psychonomic Bulletin and Review</i> , 2007, 14, 1153-1157.	2.8	27
70	Alpha oscillations reflect suppression of distractors with increased perceptual load. <i>Progress in Neurobiology</i> , 2022, 214, 102285.	5.7	25
71	Perceptual Load Modulates Visual Cortex Excitability to Magnetic Stimulation. <i>Journal of Neurophysiology</i> , 2008, 100, 516-519.	1.8	19
72	Perceptual load effects on processing distractor faces indicate face-specific capacity limits. <i>Visual Cognition</i> , 2013, 21, 1053-1076.	1.6	19

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73	Attention induced neural response trade-off in retinotopic cortex under load. <i>Scientific Reports</i> , 2016, 6, 33041.	3.3	19
74	Auditory figure-ground segregation is impaired by high visual load. <i>Journal of Neuroscience</i> , 2019, 39, 2518-18.	3.6	19
75	The role of attention in illusory conjunctions. <i>Perception &amp; Psychophysics</i> , 1994, 55, 350-358.	2.3	17
76	Attention, mindwandering, and mood. <i>Consciousness and Cognition</i> , 2019, 72, 1-18.	1.5	17
77	Overriding auditory attentional capture. <i>Perception &amp; Psychophysics</i> , 2007, 69, 162-171.	2.3	16
78	Predicting human complexity perception of real-world scenes. <i>Royal Society Open Science</i> , 2020, 7, 191487.	2.4	16
79	Temporal attentional capture: Effects of irrelevant singletons on rapid serial visual search. <i>Psychonomic Bulletin and Review</i> , 2006, 13, 881-885.	2.8	15
80	Establishing individual differences in perceptual capacity.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018, 44, 1240-1257.	0.9	15
81	Weight and See: Loading Working Memory Improves Incidental Identification of Irrelevant Faces. <i>Frontiers in Psychology</i> , 2012, 3, 286.	2.1	14
82	Neural generators of sustained activity differ for stimulus encoding and delay maintenance. <i>European Journal of Neuroscience</i> , 2009, 30, 924-933.	2.6	10
83	Alleviating Memory Impairment through Distraction. <i>Journal of Neuroscience</i> , 2013, 33, 19012-19022.	3.6	10
84	High perceptual load leads to both reduced gain and broader orientation tuning. <i>Journal of Vision</i> , 2014, 14, 9-9.	0.3	10
85	Individual differences in parietal and frontal cortex structure predict dissociable capacities for perception and cognitive control. <i>NeuroImage</i> , 2019, 202, 116148.	4.2	10
86	Asymmetrical perceptual load in lateralised word processing. <i>European Journal of Cognitive Psychology</i> , 2010, 22, 1066-1077.	1.3	4
87	The impact of distractor congruency on stimulus processing in retinotopic visual cortex. <i>NeuroImage</i> , 2013, 81, 158-163.	4.2	4
88	Effects of visual short-term memory load and attentional demand on the contrast response function. <i>Journal of Vision</i> , 2020, 20, 6.	0.3	4
89	Predicting the Perceptual Demands of Urban Driving with Video Regression. , 2017, , .		3
90	Does auditory processing rely on encapsulated, or domain-general computational resources?. <i>Acoustical Science and Technology</i> , 2020, 41, 13-15.	0.5	2

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91	Perceptual load and enumeration: Distractor interference depends on subitizing capacity.. Journal of Experimental Psychology: Human Perception and Performance, 2021, 47, 1149-1165.	0.9	2
92	The effect of perceptual load on gaze and EEG signals in multi-target visual search with free eye-movements. Journal of Vision, 2019, 19, 273.	0.3	1
93	Distinct correlates of perceptual capacity and working memory capacity in brain structure and behaviour. Journal of Vision, 2018, 18, 1118.	0.3	0
94	Pupil dilation as a predictor of perceptual capacity in subitizing. Journal of Vision, 2019, 19, 105a.	0.3	0