

Leonardo Chelazzi

List of Publications by Year in Descending Order

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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.

75
papers

8,516
citations

33
h-index

79
g-index

79
ext. papers

9,360
ext. citations

5.1
avg. IF

6.07
L-index

#	Paper	IF	Citations
75	An EEG study of the combined effects of top-down and bottom-up attentional selection under varying task difficulty.. <i>Psychophysiology</i> , 2022 , e14002	4.1	1
74	Dynamic causal interactions between occipital and parietal cortex explain how endogenous spatial attention and stimulus-driven salience jointly shape the distribution of processing priorities in 2D visual space.. <i>NeuroImage</i> , 2022 , 119206	7.9	0
73	Predictive brain: Addressing the level of representation by reviewing perceptual hysteresis. <i>Cortex</i> , 2021 , 141, 535-540	3.8	4
72	Integrating top-down and bottom-up attention control factors: an EEG study. <i>Journal of Vision</i> , 2021 , 21, 2565	0.4	
71	How feature context alters attentional template switching. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2021 , 47, 1431-1444	2.6	1
70	The role of the vestibular system in value attribution to positive and negative reinforcers. <i>Cortex</i> , 2020 , 133, 215-235	3.8	1
69	Two Distinct Systems Represent Contralateral and Ipsilateral Sensorimotor Processes in the Human Premotor Cortex: A Dense TMS Mapping Study. <i>Cerebral Cortex</i> , 2020 , 30, 2250-2266	5.1	3
68	Modulating the influence of recent trial history on attentional capture via transcranial magnetic stimulation (TMS) of right TPJ. <i>Cortex</i> , 2020 , 133, 149-160	3.8	2
67	The Topography of Visually Guided Grasping in the Premotor Cortex: A Dense-Transcranial Magnetic Stimulation (TMS) Mapping Study. <i>Journal of Neuroscience</i> , 2020 , 40, 6790-6800	6.6	3
66	Laws of concatenated perception: Vision goes for novelty, decisions for perseverance. <i>PLoS Biology</i> , 2019 , 17, e3000144	9.7	46
65	Revealing Dissociable Attention Biases in Chronic Smokers Through an Individual-Differences Approach. <i>Scientific Reports</i> , 2019 , 9, 4930	4.9	2
64	Probing the Neural Mechanisms for Distractor Filtering and Their History-Contingent Modulation by Means of TMS. <i>Journal of Neuroscience</i> , 2019 , 39, 7591-7603	6.6	11
63	Modulating attentional capture via Transcranial Magnetic Stimulation (TMS) of right TPJ. <i>Journal of Vision</i> , 2019 , 19, 141c	0.4	
62	Getting rid of visual distractors: the why, when, how, and where. <i>Current Opinion in Psychology</i> , 2019 , 29, 135-147	6.2	53
61	High-Acuity Information Is Retained through the Cortical Visual Hierarchy of Primates. <i>Neuron</i> , 2018 , 98, 240-242	13.9	2
60	Altering spatial priority maps via statistical learning of target selection and distractor filtering. <i>Cortex</i> , 2018 , 102, 67-95	3.8	88
59	The Time Constant of Attentional Control: Short, Medium and Long (Infinite?). <i>Journal of Cognition</i> , 2018 , 1, 27	3.2	7

58	Investigating the role of the Frontal Eye Field (FEF) and of the Intraparietal Sulcus (IPS) in attentional capture: A TMS study. <i>Journal of Vision</i> , 2018 , 18, 451	0.4	
57	Laws of concatenated perception: Vision goes for novelty, Decisions for perseverance. <i>Journal of Vision</i> , 2018 , 18, 1049	0.4	
56	Compound statistical learning of target selection and distractor suppression. <i>Journal of Vision</i> , 2018 , 18, 284	0.4	
55	Desensitizing the attention system to distraction while idling: A new latent learning phenomenon in the visual attention domain. <i>Journal of Experimental Psychology: General</i> , 2018 , 147, 1827-1850	4.7	29
54	Optic Nerve Degeneration and Reduced Contrast Sensitivity Due to Folic Acid Deficiency: A Behavioral and Electrophysiological Study in Rhesus Monkeys 2018 , 59, 6045-6056		1
53	Temporally evolving gain mechanisms of attention in macaque area V4. <i>Journal of Neurophysiology</i> , 2017 , 118, 964-985	3.2	14
52	Reward-based plasticity of spatial priority maps: Exploiting inter-subject variability to probe the underlying neurobiology. <i>Cognitive Neuroscience</i> , 2017 , 8, 85-101	1.7	8
51	Statistical learning of distractor suppression. <i>Journal of Vision</i> , 2017 , 17, 674	0.4	1
50	Orchestrating Proactive and Reactive Mechanisms for Filtering Distracting Information: Brain-Behavior Relationships Revealed by a Mixed-Design fMRI Study. <i>Journal of Neuroscience</i> , 2016 , 36, 988-1000	6.6	41
49	Neural structures involved in visual search guidance by reward-enhanced contextual cueing of the target location. <i>NeuroImage</i> , 2016 , 124, 887-897	7.9	20
48	Augmenting distractor filtering via transcranial magnetic stimulation of the lateral occipital cortex. <i>Cortex</i> , 2016 , 84, 63-79	3.8	2
47	Disentangling the Role of Cortico-Basal Ganglia Loops in Top-Down and Bottom-Up Visual Attention: An Investigation of Attention Deficits in Parkinson Disease. <i>Journal of Cognitive Neuroscience</i> , 2015 , 27, 1215-37	3.1	21
46	Biases of attention in chronic smokers: men and women are not alike. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2014 , 14, 742-55	3.5	6
45	The cerebellum and visual perceptual learning: evidence from a motion extrapolation task. <i>Cortex</i> , 2014 , 58, 52-71	3.8	20
44	Altering spatial priority maps via reward-based learning. <i>Journal of Neuroscience</i> , 2014 , 34, 8594-604	6.6	113
43	Reward-priming of location in visual search. <i>PLoS ONE</i> , 2014 , 9, e103372	3.7	40
42	Rewards teach visual selective attention. <i>Vision Research</i> , 2013 , 85, 58-72	2.1	260
41	The costly filtering of potential distraction: evidence for a supramodal mechanism. <i>Journal of Experimental Psychology: General</i> , 2013 , 142, 906-22	4.7	31

40	Selective tuning for contrast in macaque area V4. <i>Journal of Neuroscience</i> , 2013 , 33, 18583-96	6.6	19
39	Toward a unified theory of visual area V4. <i>Neuron</i> , 2012 , 74, 12-29	13.9	198
38	Neural basis of visual selective attention. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2011 , 2, 392-407	4.7	26
37	Reward has a residual impact on target selection in visual search, but not on the suppression of distractors. <i>Visual Cognition</i> , 2011 , 19, 117-128	1.8	68
36	Cooperative and opposing effects of strategic and involuntary attention. <i>Journal of Cognitive Neuroscience</i> , 2011 , 23, 2838-51	3.1	8
35	Dissociable effects of reward on attentional learning: from passive associations to active monitoring. <i>PLoS ONE</i> , 2011 , 6, e19460	3.7	43
34	Does the macaque monkey provide a good model for studying human executive control? A comparative behavioral study of task switching. <i>PLoS ONE</i> , 2011 , 6, e21489	3.7	16
33	Reward changes salience in human vision via the anterior cingulate. <i>Journal of Neuroscience</i> , 2010 , 30, 11096-103	6.6	437
32	Reward guides vision when it's your thing: trait reward-seeking in reward-mediated visual priming. <i>PLoS ONE</i> , 2010 , 5, e14087	3.7	117
31	Learning to attend and to ignore is a matter of gains and losses. <i>Psychological Science</i> , 2009 , 20, 778-84	7.9	254
30	Dynamic interaction between "Go" and "Stop" signals in the saccadic eye movement system: New evidence against the functional independence of the underlying neural mechanisms. <i>Vision Research</i> , 2009 , 49, 1316-28	2.1	12
29	Sluggish engagement and disengagement of non-spatial attention in dyslexic children. <i>Cortex</i> , 2008 , 44, 1221-33	3.8	90
28	Local (focussed) and global (distributed) visual processing in hemispatial neglect. <i>Experimental Brain Research</i> , 2008 , 187, 447-57	2.3	5
27	Neurons in area V4 of the macaque translate attended visual features into behaviorally relevant categories. <i>Neuron</i> , 2007 , 54, 303-18	13.9	93
26	Selecting and ignoring the component features of a visual object: A negative priming paradigm. <i>Visual Cognition</i> , 2006 , 14, 584-618	1.8	19
25	Visual selective attention and the effects of monetary rewards. <i>Psychological Science</i> , 2006 , 17, 222-7	7.9	294
24	Selective attention to specific features within objects: behavioral and electrophysiological evidence. <i>Journal of Cognitive Neuroscience</i> , 2006 , 18, 539-61	3.1	49
23	The urgency to look: prompt saccades to the benefit of perception. <i>Vision Research</i> , 2005 , 45, 3391-401	2.1	50

22	Attentional modulation of visual processing. <i>Annual Review of Neuroscience</i> , 2004 , 27, 611-47	17	817
21	Associative knowledge controls deployment of visual selective attention. <i>Nature Neuroscience</i> , 2003 , 6, 182-9	25.5	219
20	Serial attention mechanisms in visual search: a direct behavioral demonstration. <i>Journal of Cognitive Neuroscience</i> , 2002 , 14, 980-93	3.1	44
19	My eyes want to look where your eyes are looking: exploring the tendency to imitate another individual's gaze. <i>NeuroReport</i> , 2002 , 13, 2259-64	1.7	139
18	Learning increases stimulus salience in anterior inferior temporal cortex of the macaque. <i>Journal of Neurophysiology</i> , 2001 , 86, 290-303	3.2	71
17	Volitional covert orienting to a peripheral cue does not suppress cue-induced inhibition of return. <i>Journal of Cognitive Neuroscience</i> , 2000 , 12, 648-63	3.1	83
16	Competitive mechanisms subserve attention in macaque areas V2 and V4. <i>Journal of Neuroscience</i> , 1999 , 19, 1736-53	6.6	1037
15	Serial attention mechanisms in visual search: a critical look at the evidence. <i>Psychological Research</i> , 1999 , 62, 195-219	2.5	76
14	On the time course of exogenous cueing effects: a response to Lupiáez and Weaver. <i>Vision Research</i> , 1998 , 38, 1625-1628	2.1	10
13	Responses of neurons in inferior temporal cortex during memory-guided visual search. <i>Journal of Neurophysiology</i> , 1998 , 80, 2918-40	3.2	545
12	Neural mechanisms of spatial selective attention in areas V1, V2, and V4 of macaque visual cortex. <i>Journal of Neurophysiology</i> , 1997 , 77, 24-42	3.2	1306
11	Neural mechanisms for stimulus selection in cortical areas of the macaque subserving object vision. <i>Behavioural Brain Research</i> , 1995 , 71, 125-34	3.4	17
10	Oculomotor activity and visual spatial attention. <i>Behavioural Brain Research</i> , 1995 , 71, 81-8	3.4	58
9	Do peripheral non-informative cues induce early facilitation of target detection?. <i>Vision Research</i> , 1994 , 34, 179-89	2.1	110
8	A neural basis for visual search in inferior temporal cortex. <i>Nature</i> , 1993 , 363, 345-7	50.4	1115
7	Spontaneous Saccades and Gaze-Holding Ability in the Pigmented Rat. I. Effects of Inferior Olive Lesion. <i>European Journal of Neuroscience</i> , 1990 , 2, 1074-1084	3.5	11
6	Spontaneous Saccades and Gaze-Holding Ability in the Pigmented Rat. II. Effects of Localized Cerebellar Lesions. <i>European Journal of Neuroscience</i> , 1990 , 2, 1085-1094	3.5	31
5	Effects of ethanol and imidazobenzodiazepine Ro 15-4513 on spontaneous saccades of the pigmented rat. <i>Experimental Brain Research</i> , 1989 , 76, 1-11	2.3	

4	Saccadic Eye Movements and Gaze Holding in the Head-Restrained Pigmented Rat. <i>European Journal of Neuroscience</i> , 1989 , 1, 639-646	3-5	33
3	Antagonist action of imidazobenzodiazepine Ro 15-4513 on ethanol-induced alterations of saccadic eye movements in the pigmented rat. <i>Neuroscience Letters</i> , 1988 , 89, 69-73	3-3	2
2	Distribution in the visual field of the costs of voluntarily allocated attention and of the inhibitory after-effects of covert orienting. <i>Neuropsychologia</i> , 1987 , 25, 55-71	3-2	157
1	Laws of concatenated perception: Vision goes for novelty, Decisions for perseverance		3