

# Roberto Dell'Acqua

## 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.

77  
papers

2,787  
citations

29  
h-index

51  
g-index

79  
ext. papers

3,026  
ext. citations

3.4  
avg, IF

4.98  
L-index

#	Paper	IF	Citations
77	The demonstration of short-term consolidation. <i>Cognitive Psychology</i> , <b>1998</b> , 36, 138-202	3.1	456
76	Visual short-term memory capacity for simple and complex objects. <i>Journal of Cognitive Neuroscience</i> , <b>2010</b> , 22, 496-512	3.1	140
75	Naming times and standardized norms for the Italian PD/DPSS set of 266 pictures: direct comparisons with American, English, French, and Spanish published databases. <i>Behavior Research Methods</i> , <b>2000</b> , 32, 588-615		132
74	Spatial attention freezes during the attention blink. <i>Psychophysiology</i> , <b>2006</b> , 43, 394-400	4.1	128
73	On the control of visual spatial attention: evidence from human electrophysiology. <i>Psychological Research</i> , <b>2006</b> , 70, 414-24	2.5	124
72	Unconscious semantic priming from pictures. <i>Cognition</i> , <b>1999</b> , 73, B1-B15	3.5	116
71	ERP Evidence for Ultra-Fast Semantic Processing in the Picture-Word Interference Paradigm. <i>Frontiers in Psychology</i> , <b>2010</b> , 1, 177	3.4	85
70	Taking one's time in feeling other-race pain: an event-related potential investigation on the time-course of cross-racial empathy. <i>Social Cognitive and Affective Neuroscience</i> , <b>2014</b> , 9, 454-63	4	74
69	Attentional capture by visual singletons is mediated by top-down task set: new evidence from the N2pc component. <i>Psychophysiology</i> , <b>2008</b> , 45, 1013-24	4.1	71
68	Selective activation of the superior frontal gyrus in task-switching: an event-related fNIRS study. <i>NeuroImage</i> , <b>2008</b> , 42, 945-55	7.9	71
67	Attentional and structural constraints on visual encoding. <i>Psychological Research</i> , <b>1999</b> , 62, 154-164	2.5	71
66	Attentional control and capture in the attentional blink paradigm: Evidence from human electrophysiology. <i>European Journal of Cognitive Psychology</i> , <b>2006</b> , 18, 560-578		67
65	Orienting attention to objects in visual short-term memory. <i>Neuropsychologia</i> , <b>2010</b> , 48, 419-28	3.2	59
64	The picture-word interference effect is not a Stroop effect. <i>Psychonomic Bulletin and Review</i> , <b>2007</b> , 14, 717-22	4.1	58
63	Interhemispheric ERP asymmetries over inferior parietal cortex reveal differential visual working memory maintenance for fearful versus neutral facial identities. <i>Psychophysiology</i> , <b>2011</b> , 48, 187-97	4.1	53
62	Electrophysiological evidence of visual encoding deficits in a cross-modal attentional blink paradigm. <i>Psychophysiology</i> , <b>2003</b> , 40, 629-39	4.1	50
61	Number-space interactions in the human parietal cortex: Enlightening the SNARC effect with functional near-infrared spectroscopy. <i>Cerebral Cortex</i> , <b>2014</b> , 24, 444-51	5.1	48

60	Visual encoding of patterns is subject to dual-task interference. <i>Memory and Cognition</i> , <b>2000</b> , 28, 184-91	2.2	48
59	P3 latency shifts in the attentional blink: further evidence for second target processing postponement. <i>Brain Research</i> , <b>2007</b> , 1137, 131-9	3.7	47
58	Reevaluating encoding-capacity limitations as a cause of the attentional blink. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , <b>2009</b> , 35, 338-51	2.6	42
57	Bidirectional semantic priming in the attentional blink. <i>Psychonomic Bulletin and Review</i> , <b>2005</b> , 12, 460-5	4.1	42
56	A reference-channel based methodology to improve estimation of event-related hemodynamic response from fNIRS measurements. <i>NeuroImage</i> , <b>2013</b> , 72, 106-19	7.9	41
55	Four-dot masking produces the attentional blink. <i>Vision Research</i> , <b>2003</b> , 43, 1907-13	2.1	40
54	The interdependence of spatial attention and lexical access as revealed by early asymmetries in occipito-parietal ERP activity. <i>Psychophysiology</i> , <b>2007</b> , 44, 436-43	4.1	38
53	Semantic and repetition priming within the attentional blink: an event-related brain potential (ERP) investigation study. <i>Biological Psychology</i> , <b>2007</b> , 76, 21-30	3.2	37
52	The "red-alert" effect in visual search: evidence from human electrophysiology. <i>Psychophysiology</i> , <b>2013</b> , 50, 671-9	4.1	32
51	Central processing overlap modulates P3 latency. <i>Experimental Brain Research</i> , <b>2005</b> , 165, 54-68	2.3	32
50	Contralateral cortical organisation of information in visual short-term memory: evidence from lateralized brain activity during retrieval. <i>Neuropsychologia</i> , <b>2012</b> , 50, 1748-58	3.2	30
49	Selective influence of second target exposure duration and task-1 load effects in the attentional blink phenomenon. <i>Psychonomic Bulletin and Review</i> , <b>2000</b> , 7, 472-9	4.1	30
48	Colour-specific differences in attentional deployment for equiluminant pop-out colours: evidence from lateralised potentials. <i>International Journal of Psychophysiology</i> , <b>2014</b> , 91, 194-205	2.9	28
47	The attentional blink impairs detection and delays encoding of visual information: evidence from human electrophysiology. <i>Journal of Cognitive Neuroscience</i> , <b>2015</b> , 27, 720-35	3.1	28
46	Cross-modal attentional deficits in processing tactile stimulation. <i>Perception &amp; Psychophysics</i> , <b>2001</b> , 63, 777-89		28
45	Sparing from the attentional blink is not spared from structural limitations. <i>Psychonomic Bulletin and Review</i> , <b>2012</b> , 19, 232-8	4.1	27
44	Electrophysiological evidence of multitasking impairment of attentional deployment reflects target-specific processing, not distractor inhibition. <i>International Journal of Psychophysiology</i> , <b>2012</b> , 86, 152-9	2.9	27
43	Short-term consolidation of visual patterns interferes with visuo-spatial attention: converging evidence from human electrophysiology. <i>Brain Research</i> , <b>2007</b> , 1185, 158-69	3.7	25

42	Short-term consolidation of individual identities leads to Lag-1 sparing. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , <b>2007</b> , 33, 593-609	2.6	22
41	Object-substitution masking modulates spatial attention deployment and the encoding of information in visual short-term memory: insights from occipito-parietal ERP components. <i>Psychophysiology</i> , <b>2011</b> , 48, 687-96	4.1	21
40	Bayesian filtering of human brain hemodynamic activity elicited by visual short-term maintenance recorded through functional near-infrared spectroscopy (fNIRS). <i>Optics Express</i> , <b>2010</b> , 18, 26550-68	3.3	21
39	Reward motivation and neurostimulation interact to improve working memory performance in healthy older adults: A simultaneous tDCS-fNIRS study. <i>NeuroImage</i> , <b>2019</b> , 202, 116062	7.9	18
38	The attentional blink freezes spatial attention allocation to targets, not distractors: evidence from human electrophysiology. <i>Brain Research</i> , <b>2014</b> , 1559, 33-45	3.7	15
37	What Phonological Facilitation Tells about Semantic Interference: A Dual-Task Study. <i>Frontiers in Psychology</i> , <b>2011</b> , 2, 57	3.4	15
36	Look out for strangers! Sustained neural activity during visual working memory maintenance of other-race faces is modulated by implicit racial prejudice. <i>Social Cognitive and Affective Neuroscience</i> , <b>2012</b> , 7, 314-21	4	15
35	Surfing the attentional waves during visual curve tracing: evidence from the sustained posterior contralateral negativity. <i>Psychophysiology</i> , <b>2011</b> , 48, 1510-1516	4.1	14
34	A hemodynamic correlate of lateralized visual short-term memories. <i>Neuropsychologia</i> , <b>2011</b> , 49, 1611-23.2	3.2	14
33	Exploring the role of primary and supplementary motor areas in simple motor tasks with fNIRS. <i>Cognitive Processing</i> , <b>2012</b> , 13 Suppl 1, S97-101	1.5	13
32	On the representation of words and nonwords in visual short-term memory: evidence from human electrophysiology. <i>Psychophysiology</i> , <b>2009</b> , 46, 191-9	4.1	13
31	The SNARC effect is not a unitary phenomenon. <i>Psychonomic Bulletin and Review</i> , <b>2018</b> , 25, 688-695	4.1	12
30	Functional dissociation of anterior cingulate cortex and intraparietal sulcus in visual working memory. <i>Cortex</i> , <b>2019</b> , 121, 277-291	3.8	12
29	Electrophysiological evidence of enhanced cortical activity in the human brain during visual curve tracing. <i>Vision Research</i> , <b>2010</b> , 50, 1321-7	2.1	12
28	Selective effect of closed-head injury on central resource allocation: evidence from dual-task performance. <i>Experimental Brain Research</i> , <b>2001</b> , 136, 364-78	2.3	12
27	Enhanced frontal activation underlies sparing from the attentional blink: Evidence from human electrophysiology. <i>Psychophysiology</i> , <b>2016</b> , 53, 623-33	4.1	12
26	On the costs of lag-1 sparing. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , <b>2014</b> , 40, 416-28	2.6	11
25	Attentional blink and selection in the tactile domain. <i>European Journal of Cognitive Psychology</i> , <b>2006</b> , 18, 537-559		11

24	Attentional requirements for the selection of words from different grammatical categories. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , <b>2009</b> , 35, 1344-51	2.2	10
23	Multitasking costs in close-head injury patients. A fine-grained analysis. <i>Experimental Brain Research</i> , <b>2003</b> , 152, 29-41	2.3	10
22	On the Role of the Inferior Intraparietal Sulcus in Visual Working Memory for Lateralized Single-feature Objects. <i>Journal of Cognitive Neuroscience</i> , <b>2017</b> , 29, 337-351	3.1	8
21	Event-related potential evidence for two functionally dissociable sources of semantic effects in the attentional blink. <i>PLoS ONE</i> , <b>2012</b> , 7, e49099	3.7	7
20	The attentional blink within and across the hemispheres: Evidence from a patient with a complete section of the corpus callosum. <i>Biological Psychology</i> , <b>2009</b> , 82, 64-9	3.2	7
19	A neuropsychological assessment of dual-task costs in closed-head injury patients using Cohen's effect size estimation method. <i>Psychological Research</i> , <b>2006</b> , 70, 553-61	2.5	7
18	Is global shape sufficient for automatic object identification?. <i>Visual Cognition</i> , <b>2001</b> , 8, 801-821	1.8	6
17	Multishell Diffusion MRI-Based Tractography of the Facial Nerve in Vestibular Schwannoma. <i>American Journal of Neuroradiology</i> , <b>2020</b> , 41, 1480-1486	4.4	6
16	N2pc reflects two modes for coding the number of visual targets. <i>Psychophysiology</i> , <b>2018</b> , 55, e13219	4.1	5
15	N1pc reversal following repeated eccentric visual stimulation. <i>Psychophysiology</i> , <b>2013</b> , 50, 351-64	4.1	4
14	Spatial layout of letters in nonwords affects visual short-term memory load: evidence from human electrophysiology. <i>Psychophysiology</i> , <b>2011</b> , 48, 430-6	4.1	4
13	A bilateral N2pc (N2pcb) component is elicited by search targets displayed on the vertical midline. <i>Psychophysiology</i> , <b>2020</b> , 57, e13512	4.1	4
12	Long-term continuous monitoring of the preterm brain with diffuse optical tomography and electroencephalography: a technical note on cap manufacturing. <i>Neurophotonics</i> , <b>2016</b> , 3, 045009	3.9	4
11	Backward masking interrupts spatial attention, slows downstream processing, and limits conscious perception. <i>Consciousness and Cognition</i> , <b>2017</b> , 54, 101-113	2.6	3
10	The distractor frequency effect in the colour-naming Stroop task: An overt naming event-related potential study. <i>Journal of Cognitive Psychology</i> , <b>2015</b> , 27, 277-289	0.9	3
9	Unitary attention in callosal agenesis. <i>Cognitive Neuropsychology</i> , <b>2005</b> , 22, 1035-53	2.3	3
8	On pacing trials while scanning brain hemodynamics: The case of the SNARC effect. <i>Psychonomic Bulletin and Review</i> , <b>2018</b> , 25, 2267-2273	4.1	2
7	Distilling the distinct contralateral and ipsilateral attentional responses to lateral stimuli and the bilateral response to midline stimuli for upper and lower visual hemifield locations. <i>Psychophysiology</i> , <b>2020</b> , 57, e13651	4.1	2

6	Computer data simulator to assess the accuracy of estimates of visual N2/N2pc event-related potential components. <i>Journal of Neural Engineering</i> , <b>2020</b> , 17, 036024	5	1
5	Mapping hemodynamic changes during hypoglycemia in the very preterm neonatal brain: preliminary results <b>2019</b> ,		1
4	Development of a Computer Simulator of the Visual N2 Event-Related Potential Component for the Study of Cognitive Processes. <i>IFMBE Proceedings</i> , <b>2020</b> , 29-36	0.2	1
3	A Time-Frequency Analysis for the Online Detection of the N2pc Event-Related Potential (ERP) Component in Individual EEG Datasets. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2020</b> , 2020, 1019-1022	0.9	1
2	A bilateral SPCN is elicited by to-be-memorized visual stimuli displayed along the vertical midline.. <i>Psychophysiology</i> , <b>2022</b> , e14045	4.1	0
1	Lack of visual field asymmetries for spatial cueing in reading parafoveal Chinese characters. <i>Psychonomic Bulletin and Review</i> , <b>2015</b> , 22, 1764-9	4.1	