

# Roberto Dell'Acqua

## List of Publications by Year in descending order

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79  
papers

3,315  
citations

126907

33  
h-index

149698

56  
g-index

79  
all docs

79  
docs citations

79  
times ranked

2457  
citing authors

#	ARTICLE	IF	CITATIONS
1	A bilateral <scp>SPCN</scp> is elicited by toâ€œbeâ€œmemorized visual stimuli displayed along the vertical midline. <i>Psychophysiology</i> , 2022, 59, e14045.	2.4	4
2	A neural network predicting the amplitude of the N2pc in individual EEG datasets. <i>Journal of Neural Engineering</i> , 2021, 18, 056044.	3.5	2
3	A bilateral N2pc (N2pcb) component is elicited by search targets displayed on the vertical midline. <i>Psychophysiology</i> , 2020, 57, e13512.	2.4	6
4	A Time-Frequency Analysis for the Online Detection of the N2pc Event-Related Potential (ERP) Component in Individual EEG Datasets. , 2020, 2020, 1019-1022.		2
5	Multishell Diffusion MRIâ€œBased Tractography of the Facial Nerve in Vestibular Schwannoma. <i>American Journal of Neuroradiology</i> , 2020, 41, 1480-1486.	2.4	8
6	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> , 2020, 57, e13651.	2.4	5
7	Computer data simulator to assess the accuracy of estimates of visual N2/N2pc event-related potential components. <i>Journal of Neural Engineering</i> , 2020, 17, 036024.	3.5	4
8	Development of a Computer Simulator of the Visual N2 Event-Related Potential Component for the Study of Cognitive Processes. <i>IFMBE Proceedings</i> , 2020, , 29-36.	0.3	1
9	Reward motivation and neurostimulation interact to improve working memory performance in healthy older adults: A simultaneous tDCS-fNIRS study. <i>NeuroImage</i> , 2019, 202, 116062.	4.2	39
10	Functional dissociation of anterior cingulate cortex and intraparietal sulcus in visual working memory. <i>Cortex</i> , 2019, 121, 277-291.	2.4	20
11	Mapping hemodynamic changes during hypoglycemia in the very preterm neonatal brain: preliminary results. , 2019, , .		1
12	On pacing trials while scanning brain hemodynamics: The case of the SNARC effect. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 2267-2273.	2.8	3
13	The SNARC effect is not a unitary phenomenon. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 688-695.	2.8	26
14	N2pc reflects two modes for coding the number of visual targets. <i>Psychophysiology</i> , 2018, 55, e13219.	2.4	7
15	Backward masking interrupts spatial attention, slows downstream processing, and limits conscious perception. <i>Consciousness and Cognition</i> , 2017, 54, 101-113.	1.5	6
16	On the Role of the Inferior Intraparietal Sulcus in Visual Working Memory for Lateralized Single-feature Objects. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 337-351.	2.3	13
17	Enhanced frontal activation underlies sparing from the attentional blink: Evidence from human electrophysiology. <i>Psychophysiology</i> , 2016, 53, 623-633.	2.4	16
18	Long-term continuous monitoring of the preterm brain with diffuse optical tomography and electroencephalography: a technical note on cap manufacturing. <i>NeuroPhotonics</i> , 2016, 3, 045009.	3.3	9

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19	Lack of visual field asymmetries for spatial cueing in reading parafoveal Chinese characters. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 1764-1769.	2.8	0
20	The Attentional Blink Impairs Detection and Delays Encoding of Visual Information: Evidence from Human Electrophysiology. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 720-735.	2.3	40
21	The distractor frequency effect in the colour-naming Stroop task: An overt naming event-related potential study. <i>Journal of Cognitive Psychology</i> , 2015, 27, 277-289.	0.9	6
22	Number-Space Interactions in the Human Parietal Cortex: Enlightening the SNARC Effect with Functional Near-Infrared Spectroscopy. <i>Cerebral Cortex</i> , 2014, 24, 444-451.	2.9	64
23	On the costs of lag-1 sparing.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 416-428.	0.9	15
24	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> , 2014, 9, 454-463.	3.0	93
25	The attentional blink freezes spatial attention allocation to targets, not distractors: Evidence from human electrophysiology. <i>Brain Research</i> , 2014, 1559, 33-45.	2.2	17
26	Colour-specific differences in attentional deployment for equiluminant pop-out colours: Evidence from lateralised potentials. <i>International Journal of Psychophysiology</i> , 2014, 91, 194-205.	1.0	40
27	A reference-channel based methodology to improve estimation of event-related hemodynamic response from fNIRS measurements. <i>NeuroImage</i> , 2013, 72, 106-119.	4.2	48
28	The "coerced alert" effect in visual search: Evidence from human electrophysiology. <i>Psychophysiology</i> , 2013, 50, 671-679.	2.4	39
29	<sc>N</sc>1pc reversal following repeated eccentric visual stimulation. <i>Psychophysiology</i> , 2013, 50, 351-364.	2.4	6
30	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> , 2012, 7, 314-321.	3.0	18
31	Electrophysiological evidence of multitasking impairment of attentional deployment reflects target-specific processing, not distractor inhibition. <i>International Journal of Psychophysiology</i> , 2012, 86, 152-159.	1.0	35
32	Exploring the role of primary and supplementary motor areas in simple motor tasks with fNIRS. <i>Cognitive Processing</i> , 2012, 13, 97-101.	1.4	15
33	Event-Related Potential Evidence for Two Functionally Dissociable Sources of Semantic Effects in the Attentional Blink. <i>PLoS ONE</i> , 2012, 7, e49099.	2.5	10
34	Contralateral cortical organisation of information in visual short-term memory: Evidence from lateralized brain activity during retrieval. <i>Neuropsychologia</i> , 2012, 50, 1748-1758.	1.6	44
35	Sparing from the attentional blink is not spared from structural limitations. <i>Psychonomic Bulletin and Review</i> , 2012, 19, 232-238.	2.8	30
36	What Phonological Facilitation Tells about Semantic Interference: A Dual-Task Study. <i>Frontiers in Psychology</i> , 2011, 2, 57.	2.1	19

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37	Interhemispheric ERP asymmetries over inferior parietal cortex reveal differential visual working memory maintenance for fearful versus neutral facial identities. <i>Psychophysiology</i> , 2011, 48, 187-197.	2.4	64
38	Spatial layout of letters in nonwords affects visual short-term memory load: Evidence from human electrophysiology. <i>Psychophysiology</i> , 2011, 48, 430-436.	2.4	4
39	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> , 2011, 48, 687-696.	2.4	22
40	Surfing the attentional waves during visual curve tracing: Evidence from the sustained posterior contralateral negativity. <i>Psychophysiology</i> , 2011, 48, 1510-1516.	2.4	15
41	A hemodynamic correlate of lateralized visual short-term memories. <i>Neuropsychologia</i> , 2011, 49, 1611-1621.	1.6	17
42	Orienting attention to objects in visual short-term memory. <i>Neuropsychologia</i> , 2010, 48, 419-428.	1.6	67
43	Electrophysiological evidence of enhanced cortical activity in the human brain during visual curve tracing. <i>Vision Research</i> , 2010, 50, 1321-1327.	1.4	12
44	ERP Evidence for Ultra-Fast Semantic Processing in the Picture-Word Interference Paradigm. <i>Frontiers in Psychology</i> , 2010, 1, 177.	2.1	101
45	Visual Short-term Memory Capacity for Simple and Complex Objects. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 496-512.	2.3	170
46	Bayesian filtering of human brain hemodynamic activity elicited by visual short-term maintenance recorded through functional near-infrared spectroscopy (fNIRS). <i>Optics Express</i> , 2010, 18, 26550.	3.4	24
47	On the representation of words and nonwords in visual short-term memory: Evidence from human electrophysiology. <i>Psychophysiology</i> , 2009, 46, 191-199.	2.4	13
48	The attentional blink within and across the hemispheres: Evidence from a patient with a complete section of the corpus callosum. <i>Biological Psychology</i> , 2009, 82, 64-69.	2.2	7
49	Attentional requirements for the selection of words from different grammatical categories.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2009, 35, 1344-1351.	0.9	10
50	Reevaluating encoding-capacity limitations as a cause of the attentional blink.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2009, 35, 338-351.	0.9	48
51	Attentional capture by visual singletons is mediated by top-down task set: New evidence from the N2pc component. <i>Psychophysiology</i> , 2008, 45, 1013-1024.	2.4	86
52	Selective activation of the superior frontal gyrus in task-switching: An event-related fNIRS study. <i>NeuroImage</i> , 2008, 42, 945-955.	4.2	91
53	Short-term consolidation of individual identities leads to Lag-1 sparing.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2007, 33, 593-609.	0.9	25
54	Semantic and repetition priming within the attentional blink: An event-related brain potential (ERP) investigation study. <i>Biological Psychology</i> , 2007, 76, 21-30.	2.2	41

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55	The interdependence of spatial attention and lexical access as revealed by early asymmetries in occipito-parietal ERP activity. <i>Psychophysiology</i> , 2007, 44, 436-443.	2.4	39
56	P3 latency shifts in the attentional blink: Further evidence for second target processing postponement. <i>Brain Research</i> , 2007, 1137, 131-139.	2.2	51
57	Short-term consolidation of visual patterns interferes with visuo-spatial attention: Converging evidence from human electrophysiology. <i>Brain Research</i> , 2007, 1185, 158-169.	2.2	27
58	The picture-word interference effect is not a Stroop effect. <i>Psychonomic Bulletin and Review</i> , 2007, 14, 717-722.	2.8	63
59	Spatial attention freezes during the attention blink. <i>Psychophysiology</i> , 2006, 43, 394-400.	2.4	140
60	On the control of visual spatial attention: evidence from human electrophysiology. <i>Psychological Research</i> , 2006, 70, 414-424.	1.7	134
61	A neuropsychological assessment of dual-task costs in closed-head injury patients using Cohen's effect size estimation method. <i>Psychological Research</i> , 2006, 70, 553-561.	1.7	9
62	Attentional control and capture in the attentional blink paradigm: Evidence from human electrophysiology. <i>European Journal of Cognitive Psychology</i> , 2006, 18, 560-578.	1.3	78
63	Attentional blink and selection in the tactile domain. <i>European Journal of Cognitive Psychology</i> , 2006, 18, 537-559.	1.3	15
64	Bidirectional semantic priming in the attentional blink. <i>Psychonomic Bulletin and Review</i> , 2005, 12, 460-465.	2.8	47
65	Central processing overlap modulates P3 latency. <i>Experimental Brain Research</i> , 2005, 165, 54-68.	1.5	39
66	Unitary attention in callosal agenesis. <i>Cognitive Neuropsychology</i> , 2005, 22, 1035-1053.	1.1	3
67	Multitasking costs in close-head injury patients. <i>Experimental Brain Research</i> , 2003, 152, 29-41.	1.5	10
68	Electrophysiological evidence of visual encoding deficits in a cross-modal attentional blink paradigm. <i>Psychophysiology</i> , 2003, 40, 629-639.	2.4	54
69	Four-dot masking produces the attentional blink. <i>Vision Research</i> , 2003, 43, 1907-1913.	1.4	41
70	Selective effect of closed-head injury on central resource allocation: evidence from dual-task performance. <i>Experimental Brain Research</i> , 2001, 136, 364-378.	1.5	13
71	Cross-modal attentional deficits in processing tactile stimulation. <i>Perception &amp; Psychophysics</i> , 2001, 63, 777-789.	2.3	33
72	Is global shape sufficient for automatic object identification?. <i>Visual Cognition</i> , 2001, 8, 801-821.	1.6	7

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73	Naming times and standardized norms for the italian PD/DPSS set of 266 pictures: Direct comparisons with American, English, French, and Spanish published databases. Behavior Research Methods, 2000, 32, 588-615.	1.3	151
74	Visual encoding of patterns is subject to dual-task interference. Memory and Cognition, 2000, 28, 184-191.	1.6	53
75	Selective influence of second target exposure duration and Task1 load effects in the attentional blink phenomenon. Psychonomic Bulletin and Review, 2000, 7, 472-479.	2.8	33
76	Attentional and structural constraints on visual encoding. Psychological Research, 1999, 62, 154-164.	1.7	81
77	Unconscious semantic priming from pictures. Cognition, 1999, 73, B1-B15.	2.2	137
78	The Demonstration of Short-Term Consolidation. Cognitive Psychology, 1998, 36, 138-202.	2.2	528
79	On target selection as reflected by posterior <scp>ERP</scp> components in featureâ€gguided visual search. Psychophysiology, 0, , .	2.4	1