Marta Olivetti Belardinelli

List of Publications by Year
in descending order

101 papers	3,193 citations	126858 33 h-index	175177 52 g-index
112 all docs	112 docs citations	112 times ranked	3649 citing authors

#	Article	IF	Citations
1	Abnormal visual scanning and impaired mental state recognition in pre-manifest Huntington disease. Experimental Brain Research, 2021, 239, 141-150.	0.7	6
2	Crossâ€¢cultural differences in intercultural mindreading: Evidence from a sample of Palestinian, Italian, and German adolescents. PsyCh Journal, 2021, 10, 263-274.	0.5	9
3	Differences in Distance Estimations in Real and Virtual 3D Environments. Advances in Intelligent Systems and Computing, 2020, , 881-896.	0.5	2
4	Emotion recognition and inhibitory control in manifest and pre-manifest Huntington's disease: evidence from a new Stroop task. Neural Regeneration Research, 2020, 15, 1518.	1.6	4
5	The format of mental imagery: from a critical review to an integrated embodied representation approach. Cognitive Processing, 2019, 20, 277-289.	0.7	32
6	Effects of stimulus-related variables on mental states recognition in Huntingtonâ€™s disease. International Journal of Neuroscience, 2019, 129, 563-572.	0.8	6
7	Effects of the Mindfulness-Based Stress Reduction Program on Mind Wandering and Dispositional Mindfulness Facets. Mindfulness, 2019, 10, 185-195.	1.6	20
8	Assessment and Intervention with Patients with Severe Disorders of Consciousness. Advances in Neurodevelopmental Disorders, 2017, 1, 196-202.	0.7	6
9	Dispositional mindfulness facets predict the efficiency of attentional networks. Mindfulness, 2017, 8, 101-109.	1.6	18
10	Patients with moderate AlzheimerÃ¢â‚¬â„¢s disease engage in verbal reminiscence with the support of a computer-aided program: a pilot study. Frontiers in Aging Neuroscience, 2015, 7, 109.	1.7	18
11	Supporting self-managed leisure engagement and communication in post-coma persons with multiple disabilities. Research in Developmental Disabilities, 2015, 38, 75-83.	1.2	3
12	Usability and Workload of Access Technology for People With Severe Motor Impairment. Neurorehabilitation and Neural Repair, 2015, 29, 950-957.	1.4	73
13	Intersection of reality and fiction in art perception: pictorial space, body sway and mental imagery. Cognitive Processing, 2015, 16, 233-236.	0.7	5
14	Insula and inferior frontal triangularis activations distinguish between conditioned brain responses using emotional sounds for basic BCI communication. Frontiers in Behavioral Neuroscience, 2014, 8, 247.	1.0	10
15	Assessing learning as a possible sign of consciousness in post-coma persons with minimal responsiveness. Frontiers in Human Neuroscience, 2014, 8, 25.	1.0	9
16	Technology-based intervention programs to promote stimulation control and communication in post-coma persons with different levels of disability. Frontiers in Human Neuroscience, 2014, 8, 48.	1.0	22
17	Questioning the dichotomy between vegetative state and minimally conscious state: a review of the statistical evidence. Frontiers in Human Neuroscience, 2014, 8, 865.	1.0	26
18	Technology-aided programs for post-coma patients emerged from or in a minimally conscious state. Frontiers in Human Neuroscience, 2014, 8, 931.	1.0	6

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19	Microswitch-aided programs with contingent stimulation versus general stimulation programs for post-coma persons with multiple disabilities. Developmental Neurorehabilitation, 2014, 17, 251-258.	0.5	8
20	The representation of conceptual knowledge: visual, auditory, and olfactory imagery compared with semantic processing. Cognitive Processing, 2014, 15, 143-157.	0.7	7
21	P371: Selective attention and performance in controlling a P300-based brain computer interface in people with amyotrophic lateral sclerosis. Clinical Neurophysiology, 2014, 125, S146.	0.7	0
22	Where is Uphill? Exploring Sex Differences When Reorienting on a Sloped Environment Presented through 2-D Images. Perception, 2014, 43, 249-264.	0.5	3
23	Emotion Based Attentional Priority for Storage in Visual Short-Term Memory. PLoS ONE, 2014, 9, e95261.	1.1	16
24	Development of a Binary fMRI-BCI for Alzheimer Patients: A Semantic Conditioning Paradigm Using Affective Unconditioned Stimuli. , 2013, , .		8
25	The relationship between â€˜theory of mindâ€™ and attachmentâ€related anxiety and avoidance in Italian adolescents. Journal of Adolescence, 2013, 36, 613-621.	1.2	37
26	Attention and P300-based BCI performance in people with amyotrophic lateral sclerosis. Frontiers in Human Neuroscience, 2013, 7, 732.	1.0	106
27	Psychophysiological Methods to Evaluate Userâ€™s Response in Human Robot Interaction: A Review and Feasibility Study. Robotics, 2013, 2, 92-121.	2.1	30
28	ViSA: A neurodynamic model for visuo-spatial working memory, attentional blink, and conscious access.. Psychological Review, 2012, 119, 745-769.	2.7	26
29	Toward a Brain-Computer Interface for Alzheimer's Disease Patients by Combining Classical Conditioning and Brain State Classification. Journal of Alzheimer's Disease, 2012, 31, S211-S220.	1.2	27
30	Promoting adaptive behavior in persons with acquired brain injury, extensive motor and communication disabilities, and consciousness disorders. Research in Developmental Disabilities, 2012, 33, 1964-1974.	1.2	20
31	Technology-based intervention to help persons with minimally conscious state and pervasive motor disabilities perform environmentally relevant adaptive behavior. Cognitive Processing, 2012, 13, 219-222.	0.7	6
32	Eye-gaze independent EEG-based brainâ€“computer interfaces for communication. Journal of Neural Engineering, 2012, 9, 045001.	1.8	126
33	Toward functioning and usable brainâ€“computer interfaces (BCIs): A literature review. Disability and Rehabilitation: Assistive Technology, 2012, 7, 89-103.	1.3	42
34	Microswitch technology and contingent stimulation to promote adaptive engagement in persons with minimally conscious state: a case evaluation. Cognitive Processing, 2012, 13, 133-137.	0.7	15
35	The debt of cognitive science to Ulric Neisser. Cognitive Processing, 2012, 13, 189-191.	0.7	15
36	Cognitive reserve and its implications for rehabilitation and Alzheimerâ€™s disease. Cognitive Processing, 2012, 13, 1-12.	0.7	58

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37	Effects of Aversive Stimuli on Prospective Memory. An Event-Related fMRI Study. PLoS ONE, 2011, 6, e26290.	1.1	16
38	Influence of Musical Expertise on Segmental and Tonal Processing in Mandarin Chinese. Journal of Cognitive Neuroscience, 2011, 23, 2701-2715.	1.1	129
39	A learning assessment procedure as a test supplement for monitoring progress with two post-coma persons with a diagnosis of vegetative state. Developmental Neurorehabilitation, 2011, 14, 358-365.	0.5	11
40	The Role of Vividness of Visual Mental Imagery on Different Dimensions of Creativity. Creativity Research Journal, 2011, 23, 372-375.	1.7	33
41	Technology-assisted writing opportunities for a man emerged from a minimally conscious state and affected by extensive motor disabilities. Developmental Neurorehabilitation, 2011, 14, 123-127.	0.5	5
42	Multisensory integration affects visuo-spatial working memory.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 1099-1109.	0.7	31
43	Sensoryâ€motor brain network connectivity for speech comprehension. Human Brain Mapping, 2010, 31, 567-580.	1.9	80
44	How and when auditory action effects impair motor performance. Experimental Brain Research, 2010, 201, 323-330.	0.7	19
45	Vegetative state: efforts to curb misdiagnosis. Cognitive Processing, 2010, 11, 87-90.	0.7	35
46	Perceptual preferences in depth stratification of transparent layers: Photometric and non-photometric factors. Journal of Vision, 2010, 10, 1-13.	0.1	18
47	Abilities Within and Across Visual and Verbal Domains: How Specific Is Their Influence on Creativity?. Creativity Research Journal, 2010, 22, 369-377.	1.7	62
48	Neural correlates of focused attention and cognitive monitoring in meditation. Brain Research Bulletin, 2010, 82, 46-56.	1.4	214
49	An overview of intervention options for promoting adaptive behavior of persons with acquired brain injury and minimally conscious state. Research in Developmental Disabilities, 2010, 31, 1121-1134.	1.2	63
50	From melody to lexical tone: Musical ability enhances specific aspects of foreign language perception. European Journal of Cognitive Psychology, 2010, 22, 46-61.	1.3	82
51	Exogenous and endogenous spatial attention effects on visuospatial working memory. Quarterly Journal of Experimental Psychology, 2010, 63, 1590-1602.	0.6	32
52	Color Binding in Visuo-Spatial Working Memory. Lecture Notes in Computer Science, 2010, , 179-190.	1.0	0
53	Semantic encoding in working memory: Is there a (multi)modality effect?. Memory, 2009, 17, 655-663.	0.9	40
54	The influence of melodic and rhythmic redundancies on recognition memory for unknown musical themes. Musicae Scientiae, 2009, 13, 337-355.	2.2	2

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55	A study on a shared control navigation system: human/robot collaboration for assisting people in mobility. Cognitive Processing, 2009, 10, 215-218.	0.7	6
56	Photometric, figural and crossmodal factors in the perception of transparency and in depth stratification of layers. Cognitive Processing, 2009, 10, 204-207.	0.7	0
57	Attentional interference facilitates skilled anticipatory action. Cognitive Processing, 2009, 10, 334-337.	0.7	0
58	Comparing distance perception in different virtual environments. Cognitive Processing, 2009, 10, 294-296.	0.7	7
59	Mental imagery generation in different modalities activates sensory-motor areas. Cognitive Processing, 2009, 10, 268-271.	0.7	28
60	Learning as a possible sign of non-reflective consciousness in persons with a diagnosis of vegetative state and pervasive motor impairment. Cognitive Processing, 2009, 10, 355-359.	0.7	15
61	An fMRI investigation on image generation in different sensory modalities: The influence of vividness. Acta Psychologica, 2009, 132, 190-200.	0.7	125
62	Interactions between Voluntary and Stimulus-driven Spatial Attention Mechanisms across Sensory Modalities. Journal of Cognitive Neuroscience, 2009, 21, 2384-2397.	1.1	41
63	Evaluation of technology-assisted learning setups for undertaking assessment and providing intervention to persons with a diagnosis of vegetative state. Developmental Neurorehabilitation, 2009, 12, 411-420.	0.5	18
64	World Health Organisation Disability Assessment Schedule II: Contribution to the Italian validation. Disability and Rehabilitation, 2009, 31, 553-564.	0.9	88
65	A Metrics Review for Performance Evaluation on Assisted Wheelchair Navigation. Lecture Notes in Computer Science, 2009, , 1145-1152.	1.0	3
66	Promoting Engagement, Requests and Choice by a Man with Post-Coma Pervasive Motor Impairment and Minimally Conscious State through a Technology-Based Program. Journal of Developmental and Physical Disabilities, 2008, 20, 379-388.	1.0	32
67	Learning in Post-coma Persons with Profound Multiple Disabilities: Two Case Evaluations. Journal of Developmental and Physical Disabilities, 2008, 20, 209-216.	1.0	27
68	Perceptual load affects exogenous spatial orienting while working memory load does not. Experimental Brain Research, 2008, 184, 371-382.	0.7	35
69	Multisensory integration affects ERP components elicited by exogenous cues. Experimental Brain Research, 2008, 185, 269-277.	0.7	41
70	How the bimodal format of presentation affects working memory: an overview. Cognitive Processing, 2008, 9, 69-76.	0.7	31
71	Hypothalamus, sexual arousal and psychosexual identity in human males: a functional magnetic resonance imaging study. European Journal of Neuroscience, 2008, 27, 2922-2927.	1.2	43
72	Cooperative Behavior of Artificial Neural Agents Based on Evolutionary Architectures. , 2008, , .		2

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73	A Frontoparietal Network for Spatial Attention Reorienting in the Auditory Domain: A Human fMRI/MEG Study of Functional and Temporal Dynamics. Cerebral Cortex, 2008, 18, 1139-1147.	1.6	55
74	Neural Correlates of Mindfulness and Concentration in Buddhist Monks: A fMRI study. , 2007, , .		9
75	The suppression of reflexive visual and auditory orienting when attention is otherwise engaged.. Journal of Experimental Psychology: Human Perception and Performance, 2007, 33, 137-148.	0.7	77
76	Brain network for passive word listening as evaluated with ICA and Granger causality. Brain Research Bulletin, 2007, 72, 284-292.	1.4	34
77	Are vertical meridian effects due to audio-visual interference? A new confirmation with deaf subjects. Disability and Rehabilitation, 2007, 29, 797-804.	0.9	4
78	â€œWhatâ€•versus â€œWhereâ€•in the audiovisual domain: An fMRI study. NeuroImage, 2006, 33, 672-680.	2.1	45
79	Crossâ€modal plasticity of the motor cortex while listening to a rehearsed musical piece. European Journal of Neuroscience, 2006, 24, 955-958.	1.2	190
80	A new method for detecting causality in fMRI data of cognitive processing. Cognitive Processing, 2006, 7, 42-52.	0.7	35
81	The role of the feedforward paradigm in cognitive psychology. Cognitive Processing, 2006, 7, 73-88.	0.7	43
82	Assessing the automaticity of intramodal and crossmodal spatial attentional orienting. Cognitive Processing, 2006, 7, 3-3.	0.7	3
83	Human brain activation elicited by the localization of sounds delivering at attended or unattended positions: an fMRI/MEG study. Cognitive Processing, 2006, 7, 116-117.	0.7	12
84	An fMRI study of the binding of audio-visual information: the dissociation between object and space processing. Cognitive Processing, 2006, 7, 138-139.	0.7	1
85	On the influence of audio-visual interactions on working memory performance: a study with non-semantic stimuli. Cognitive Processing, 2006, 7, 187-187.	0.7	3
86	Interactive sonification for blind people exploration of geo-referenced data: comparison between a keyboard-exploration and a haptic-exploration interfaces. Cognitive Processing, 2006, 7, 178-179.	0.7	2
87	Music-to-language transfer effect: may melodic ability improve learning of tonal languages by native nontonal speakers?. Cognitive Processing, 2006, 7, 203-207.	0.7	65
88	Spatial attention triggered by unimodal, crossmodal, and bimodal exogenous cues: a comparison of reflexive orienting mechanisms. Experimental Brain Research, 2006, 173, 40-48.	0.7	45
89	The role of prefrontal cortex in visuo-spatial planning: a repetitive TMS study. Experimental Brain Research, 2006, 171, 411-415.	0.7	73
90	Human brain activation during passive listening to sounds from different locations: An fMRI and MEG study. Human Brain Mapping, 2005, 26, 251-261.	1.9	109

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91	The head-centered meridian effect: Auditory attention orienting in conditions of impaired visuo-spatial information. Disability and Rehabilitation, 2005, 27, 761-768.	0.9	3
92	Spatial cognition. Disability and Rehabilitation, 2005, 27, 729-729.	0.9	0
93	Checking an integrated model of web accessibility and usability evaluation for disabled people. Disability and Rehabilitation, 2005, 27, 781-790.	0.9	42
94	Audio-visual crossmodal interactions in environmental perception: an fMRI investigation. Cognitive Processing, 2004, 5, 167-174.	0.7	39
95	Intermodal sensory image generation: An fMRI analysis. European Journal of Cognitive Psychology, 2004, 16, 729-752.	1.3	19
96	Children's Recognition of Their Musical Performance. Musicae Scientiae, 2003, 7, 31-48.	2.2	1
97	Head-centred meridian effect on auditory spatial attention orienting. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2002, 55, 937-963.	2.3	16
98	Is mental imagery prominently visual?. Behavioral and Brain Sciences, 2002, 25, 204-205.	0.4	1
99	The role of feedforward control in motor planning. Behavioral and Brain Sciences, 2001, 24, 896-897.	0.4	2
100	Regularities, context, and neural coding: Are universals reflected in the experienced world?. Behavioral and Brain Sciences, 2001, 24, 701-702.	0.4	3
101	How fMRI Technology Contributes to the Advancement of Research in Mental Imagery: A Review. , 0, , .		2