

# Mario Liotti

## List of Publications by Year in descending order

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84  
papers

10,842  
citations

57752

44  
h-index

51602

86  
g-index

94  
all docs

94  
docs citations

94  
times ranked

12092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Talairach Atlas labels for functional brain mapping. <i>Human Brain Mapping</i> , 2000, 10, 120-131.	3.6	3,089
2	An ERP study of the temporal course of the Stroop color-word interference effect. <i>Neuropsychologia</i> , 2000, 38, 701-711.	1.6	541
3	Differential limbic cortical correlates of sadness and anxiety in healthy subjects: implications for affective disorders. <i>Biological Psychiatry</i> , 2000, 48, 30-42.	1.3	409
4	Inhibitory control in children with attention-deficit/hyperactivity disorder: event-related potentials identify the processing component and timing of an impaired right-frontal response-inhibition mechanism. <i>Biological Psychiatry</i> , 2000, 48, 238-246.	1.3	367
5	Unmasking Disease-Specific Cerebral Blood Flow Abnormalities: Mood Challenge in Patients With Remitted Unipolar Depression. <i>American Journal of Psychiatry</i> , 2002, 159, 1830-1840.	7.2	325
6	Naturalizing aesthetics: Brain areas for aesthetic appraisal across sensory modalities. <i>NeuroImage</i> , 2011, 58, 250-258.	4.2	301
7	A Larynx Area in the Human Motor Cortex. <i>Cerebral Cortex</i> , 2008, 18, 837-845.	2.9	281
8	Brain responses associated with consciousness of breathlessness (air hunger). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 2035-2040.	7.1	254
9	Abnormal Brain Activity Related to Performance Monitoring and Error Detection in Children with ADHD. <i>Cortex</i> , 2005, 41, 377-388.	2.4	242
10	Task-related default mode network modulation and inhibitory control in ADHD: effects of motivation and methylphenidate. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2011, 52, 761-771.	5.2	232
11	The Role of Functional Neuroimaging in the Neuropsychology of Depression. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2001, 23, 121-136.	1.3	231
12	Electrophysiological activity underlying inhibitory control processes in normal adults. <i>Neuropsychologia</i> , 2006, 44, 384-395.	1.6	218
13	Neuroimaging of Inhibitory Control Areas in Children With Attention Deficit Hyperactivity Disorder Who Were Treatment Naive or in Long-Term Treatment. <i>American Journal of Psychiatry</i> , 2006, 163, 1052-1060.	7.2	215
14	The somatotopy of speech: Phonation and articulation in the human motor cortex. <i>Brain and Cognition</i> , 2009, 70, 31-41.	1.8	208
15	Spatiotemporal analysis of brain electrical fields. <i>Human Brain Mapping</i> , 1994, 1, 134-152.	3.6	204
16	Semantic Amnesia with Preservation of Autobiographic Memory. A Case Report. <i>Cortex</i> , 1987, 23, 575-597.	2.4	200
17	Neuroimaging of cerebral activations and deactivations associated with hypercapnia and hunger for air. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 2029-2034.	7.1	170
18	Emotional expectancy: Brain electrical activity associated with an emotional bias in interpreting life events. <i>Psychophysiology</i> , 1996, 33, 218-233.	2.4	150

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19	Auditory attention in the congenitally blind. <i>NeuroReport</i> , 1998, 9, 1007-1012.	1.2	150
20	Egocentric and relative spatial codes in S-R compatibility. <i>Psychological Research</i> , 1987, 49, 81-90.	1.7	143
21	Volumetric MRI differences in treatment-naïve vs chronically treated children with ADHD. <i>Neurology</i> , 2006, 67, 1023-1027.	1.1	137
22	A Bias Against Disconfirmatory Evidence Is Associated With Delusion Proneness in a Nonclinical Sample. <i>Schizophrenia Bulletin</i> , 2007, 33, 1023-1028.	4.3	136
23	Frontal and inferior temporal cortical activity in visual target detection: Evidence from high spatially sampled event-related potentials. <i>Brain Topography</i> , 1996, 9, 3-14.	1.8	129
24	Cortical Gray Matter in Attention-Deficit/Hyperactivity Disorder: A Structural Magnetic Resonance Imaging Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 229-238.	0.5	125
25	Discovering biomarkers for antidepressant response: protocol from the Canadian biomarker integration network in depression (CAN-BIND) and clinical characteristics of the first patient cohort. <i>BMC Psychiatry</i> , 2016, 16, 105.	2.6	114
26	The temporal dynamics of the effects in occipital cortex of visual-spatial selective attention. <i>Cognitive Brain Research</i> , 2002, 15, 1-15.	3.0	112
27	Neuroimaging evidence implicating cerebellum in the experience of hypercapnia and hunger for air. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 2041-2046.	7.1	107
28	A cognitive bias against disconfirmatory evidence (BADE) is associated with schizotypy. <i>Schizophrenia Research</i> , 2007, 90, 334-337.	2.0	94
29	Tests of a temporal theory of attentional binding. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1988, 14, 444-452.	0.9	77
30	Temporal dissociation of parallel processing in the human subcortical outputs. <i>Nature</i> , 1999, 400, 364-367.	27.8	77
31	Imprecise singing is widespread. <i>Journal of the Acoustical Society of America</i> , 2010, 128, 2182-2190.	1.1	77
32	Biological vulnerability to depression: linked structural and functional brain network findings. <i>British Journal of Psychiatry</i> , 2014, 204, 283-289.	2.8	77
33	Effects of Motivation and Medication on Electrophysiological Markers of Response Inhibition in Children with Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2010, 67, 624-631.	1.3	72
34	Electrophysiological correlates of response inhibition in children and adolescents with ADHD: Influence of gender, age, and previous treatment history. <i>Psychophysiology</i> , 2007, 44, 936-948.	2.4	65
35	Electrophysiological Effects of Stimulant Treatment on Inhibitory Control in Children with Attention-Deficit/Hyperactivity Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2007, 17, 356-366.	1.3	64
36	Is conflict monitoring supramodal? Spatiotemporal dynamics of cognitive control processes in an auditory Stroop task. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2012, 12, 1-15.	2.0	64

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37	The human red nucleus and lateral cerebellum in supporting roles for sensory information processing. <i>Human Brain Mapping</i> , 2000, 10, 147-159.	3.6	62
38	Functional imaging of brain areas involved in the processing of coherent and incoherent wide field-of-view visual motion. <i>Experimental Brain Research</i> , 2000, 131, 393-405.	1.5	61
39	Representation of the speech effectors in the human motor cortex: Somatotopy or overlap?. <i>Brain and Language</i> , 2010, 113, 39-44.	1.6	60
40	Areas of the human brain activated by ambient visual motion, indicating three kinds of self-movement. <i>Experimental Brain Research</i> , 2002, 143, 78-88.	1.5	59
41	Right hemisphere sensitivity to arousal and depression. <i>Brain and Cognition</i> , 1992, 18, 138-151.	1.8	57
42	Differential hemispheric asymmetries in depression and anxiety: A reaction-time study. <i>Biological Psychiatry</i> , 1991, 29, 887-899.	1.3	54
43	Early frontal responses elicited by physical threat words in an emotional Stroop task: Modulation by anxiety sensitivity. <i>Biological Psychology</i> , 2009, 81, 48-57.	2.2	52
44	Children's Brain Activations While Viewing Televised Violence Revealed by fMRI. <i>Media Psychology</i> , 2006, 8, 25-37.	3.6	48
45	Evidence for specificity of ERP abnormalities during response inhibition in ADHD children: A comparison with reading disorder children without ADHD. <i>Brain and Cognition</i> , 2010, 72, 228-237.	1.8	48
46	A Noninvasive Imaging Approach to Understanding Speech Changes Following Deep Brain Stimulation in Parkinson's Disease. <i>American Journal of Speech-Language Pathology</i> , 2009, 18, 146-161.	1.8	45
47	Spatiotemporal dynamics of the hedonic processing of chocolate images in individuals with and without trait chocolate craving. <i>Appetite</i> , 2012, 58, 790-799.	3.7	45
48	Electrophysiological evidence of early attentional bias to drug-related pictures in chronic cannabis users. <i>Addictive Behaviors</i> , 2014, 39, 114-121.	3.0	45
49	Executive functioning in children with attention-deficit/hyperactivity disorder: Combined type with and without a stimulant medication history.. <i>Neuropsychology</i> , 2008, 22, 329-340.	1.3	44
50	Visuoimaginal constructional apraxia: On a case of selective deficit of imagery. <i>Brain and Cognition</i> , 1986, 5, 255-267.	1.8	42
51	Functional Imaging and Language. <i>Journal of Clinical Neurophysiology</i> , 1994, 11, 175-190.	1.7	41
52	Electrophysiological evidence for abnormal error monitoring in recurrent major depressive disorder. <i>Psychophysiology</i> , 2011, 48, 1192-1202.	2.4	39
53	When is giving an impulse? An ERP investigation of intuitive prosocial behavior. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 1121-1129.	3.0	39
54	The Neural Basis of Vocal Pitch Imitation in Humans. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 621-635.	2.3	36

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55	Looking before you leap: A theory of motivated control of action. <i>Cognition</i> , 2009, 112, 141-158.	2.2	33
56	Deficits of the automatic orienting of attention in schizophrenic patients. <i>Journal of Psychiatric Research</i> , 1993, 27, 119-130.	3.1	32
57	The temporal dynamics of implicit processing of non-letter, letter, and word-forms in the human visual cortex. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 56.	2.0	32
58	Spatiotemporal dynamics of speech sound perception in chronic developmental stuttering. <i>Brain and Language</i> , 2010, 115, 141-147.	1.6	31
59	Prefrontal cortex function in remitted major depressive disorder. <i>Psychological Medicine</i> , 2013, 43, 1219-1230.	4.5	30
60	Motivational incentives and methylphenidate enhance electrophysiological correlates of error monitoring in children with attention deficit/hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2013, 54, 836-845.	5.2	30
61	Electrophysiology of blunted emotional bias in psychopathic personality. <i>Psychophysiology</i> , 2014, 51, 36-41.	2.4	28
62	Standardization of electroencephalography for multi-site, multi-platform and multi-investigator studies: insights from the canadian biomarker integration network in depression. <i>Scientific Reports</i> , 2017, 7, 7473.	3.3	28
63	Long-range synchronization and local desynchronization of alpha oscillations during visual short-term memory retention in children. <i>Experimental Brain Research</i> , 2010, 201, 719-727.	1.5	27
64	High-Caloric and Chocolate Stimuli Processing in Healthy Humans: An Integration of Functional Imaging and Electrophysiological Findings. <i>Nutrients</i> , 2014, 6, 319-341.	4.1	25
65	The neural mechanisms of reciprocal communication. <i>Brain Research</i> , 2010, 1353, 159-167.	2.2	22
66	Right hemisphere superiority for programming oculomotion: Evidence from simple reaction time experiments. <i>Neuropsychologia</i> , 1988, 26, 201-211.	1.6	21
67	Cortical Gray Matter in Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 229-238.	0.5	21
68	fMRI BOLD Signal Changes in Elite Swimmers While Viewing Videos of Personal Failure. <i>Brain Imaging and Behavior</i> , 2008, 2, 84-93.	2.1	20
69	On the interaction between sad mood and cognitive control: The effect of induced sadness on electrophysiological modulations underlying Stroop conflict processing. <i>International Journal of Psychophysiology</i> , 2013, 87, 313-326.	1.0	15
70	Spatiotemporal Dynamics of Covert Versus Overt Processing of Happy, Fearful and Sad Facial Expressions. <i>Brain Sciences</i> , 2021, 11, 942.	2.3	15
71	Imaging Human Emotions and Affective Feelings: Implications for Biological Psychiatry. , 0, , 33-74.		13
72	Neural, Mood, and Endocrine Responses in Elite Athletes Relative to Successful and Failed Performance Videos. <i>Journal of Clinical Sport Psychology</i> , 2012, 6, 6-21.	1.0	9

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73	Altered Long-Range Phase Synchronization and Cortical Activation in Children Born Very Preterm. IFMBE Proceedings, 2010, 29, 250-253.	0.3	8
74	Improvement of voicing in patients with Parkinson's disease by speech therapy. Neurology, 2003, 61, 1316-1317.	1.1	7
75	To stop or not to stop: A high spatio-temporal resolution study of response inhibition using MEG. International Congress Series, 2007, 1300, 425-428.	0.2	6
76	Functional brain organization of preparatory attentional control in visual search. Brain Research, 2013, 1530, 32-43.	2.2	6
77	Xenon effects on regional cerebral blood flow assessed by <sup>15</sup> O-H <sub>2</sub> O positron emission tomography: Implications for hyperpolarized xenon MRI. Journal of Magnetic Resonance Imaging, 1997, 7, 761-764.	3.4	5
78	Magnetoencephalography study of brain dynamics in young children born extremely preterm. International Congress Series, 2007, 1300, 99-102.	0.2	5
79	CNS Resident Award: role of the lateral premotor cortex in articulation. Clinical Neurosurgery, 2003, 50, 341-9.	0.2	5
80	Spatiotemporal dynamics of reward and punishment effects induced by associative learning. PLoS ONE, 2018, 13, e0199847.	2.5	4
81	High temporal resolution imaging of spatial working memory. International Congress Series, 2007, 1300, 433-436.	0.2	2
82	Electrophysiological evidence that psychopathic personality traits are associated with atypical response to salient distractors. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 195-213.	2.0	2
83	"Health Comes First": Action Tendencies to Health-Related Stimuli in People with Health-Anxiety as Revealed by an Emotional Go/No-Go Task. International Journal of Environmental Research and Public Health, 2021, 18, 9104.	2.6	1
84	Spatiotemporal Dynamics of Covert vs. Overt Emotional Face Processing in Dysphoria. Frontiers in Behavioral Neuroscience, 0, 16, .	2.0	1