

Mario Liotti

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.

82

papers

9,403

citations

43

h-index

94

g-index

94

ext. papers

10,170

ext. citations

4.6

avg, IF

5.59

L-index

#	Paper	IF	Citations
82	Automated Talairach atlas labels for functional brain mapping. <i>Human Brain Mapping</i> , 2000 , 10, 120-31	5.9	2771
81	An ERP study of the temporal course of the Stroop color-word interference effect. <i>Neuropsychologia</i> , 2000 , 38, 701-11	3.2	475
80	Differential limbic--cortical correlates of sadness and anxiety in healthy subjects: implications for affective disorders. <i>Biological Psychiatry</i> , 2000 , 48, 30-42	7.9	370
79	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, 238-46	7.9	332
78	Unmasking disease-specific cerebral blood flow abnormalities: mood challenge in patients with remitted unipolar depression. <i>American Journal of Psychiatry</i> , 2002 , 159, 1830-40	11.9	296
77	A larynx area in the human motor cortex. <i>Cerebral Cortex</i> , 2008 , 18, 837-45	5.1	240
76	Naturalizing aesthetics: brain areas for aesthetic appraisal across sensory modalities. <i>NeuroImage</i> , 2011 , 58, 250-8	7.9	239
75	Abnormal brain activity related to performance monitoring and error detection in children with ADHD. <i>Cortex</i> , 2005 , 41, 377-88	3.8	219
74	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, 2035-40	11.5	208
73	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, 1052-60	11.9	198
72	The role of functional neuroimaging in the neuropsychology of depression. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2001 , 23, 121-36	2.1	197
71	Electrophysiological activity underlying inhibitory control processes in normal adults. <i>Neuropsychologia</i> , 2006 , 44, 384-95	3.2	194
70	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, 761-71	7.9	184
69	The somatotopy of speech: phonation and articulation in the human motor cortex. <i>Brain and Cognition</i> , 2009 , 70, 31-41	2.7	181
68	Semantic amnesia with preservation of autobiographic memory. A case report. <i>Cortex</i> , 1987 , 23, 575-97	3.8	176
67	Spatiotemporal analysis of brain electrical fields. <i>Human Brain Mapping</i> , 1994 , 1, 134-152	5.9	172
66	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, 2029-34	11.5	150

65	Emotional expectancy: brain electrical activity associated with an emotional bias in interpreting life events. <i>Psychophysiology</i> , 1996 , 33, 218-33	4.1	145
64	Auditory attention in the congenitally blind: where, when and what gets reorganized?. <i>NeuroReport</i> , 1998 , 9, 1007-12	1.7	134
63	Volumetric MRI differences in treatment-naïve vs chronically treated children with ADHD. <i>Neurology</i> , 2006 , 67, 1023-7	6.5	126
62	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	4.3	117
61	A bias against disconfirmatory evidence is associated with delusion proneness in a nonclinical sample. <i>Schizophrenia Bulletin</i> , 2007 , 33, 1023-8	1.3	110
60	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, 229-38	7.2	107
59	Egocentric and relative spatial codes in S-R compatibility. <i>Psychological Research</i> , 1987 , 49, 81-90	2.5	100
58	The temporal dynamics of the effects in occipital cortex of visual-spatial selective attention. <i>Cognitive Brain Research</i> , 2002 , 15, 1-15		99
57	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, 2041-6	11.5	86
56	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	4.2	80
55	A cognitive bias against disconfirmatory evidence (BADE) is associated with schizotypy. <i>Schizophrenia Research</i> , 2007 , 90, 334-7	3.6	77
54	Tests of a temporal theory of attentional binding.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1988 , 14, 444-452	2.6	76
53	Temporal dissociation of parallel processing in the human subcortical outputs. <i>Nature</i> , 1999 , 400, 364-7	50.4	67
52	Imprecise singing is widespread. <i>Journal of the Acoustical Society of America</i> , 2010 , 128, 2182-90	2.2	66
51	Effects of motivation and medication on electrophysiological markers of response inhibition in children with attention-deficit/hyperactivity disorder. <i>Biological Psychiatry</i> , 2010 , 67, 624-31	7.9	62
50	Electrophysiological correlates of response inhibition in children and adolescents with ADHD: influence of gender, age, and previous treatment history. <i>Psychophysiology</i> , 2007 , 44, 936-48	4.1	58
49	The human red nucleus and lateral cerebellum in supporting roles for sensory information processing. <i>Human Brain Mapping</i> , 2000 , 10, 147-59	5.9	57
48	Biological vulnerability to depression: linked structural and functional brain network findings. <i>British Journal of Psychiatry</i> , 2014 , 204, 283-9	5.4	53

47	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	3.5	53
46	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, 356-66	2.9	53
45	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	2.3	53
44	Representation of the speech effectors in the human motor cortex: somatotopy or overlap?. <i>Brain and Language</i> , 2010 , 113, 39-44	2.9	51
43	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	2.3	51
42	Right hemisphere sensitivity to arousal and depression. <i>Brain and Cognition</i> , 1992 , 18, 138-51	2.7	50
41	Differential hemispheric asymmetries in depression and anxiety: a reaction-time study. <i>Biological Psychiatry</i> , 1991 , 29, 887-99	7.9	46
40	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, 146-61	3.1	44
39	Executive functioning in children with attention-deficit/hyperactivity disorder: combined type with and without a stimulant medication history. <i>Neuropsychology</i> , 2008 , 22, 329-40	3.8	41
38	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	3.2	40
37	Children's Brain Activations While Viewing Televised Violence Revealed by fMRI. <i>Media Psychology</i> , 2006 , 8, 25-37	2.9	40
36	Visuoimaginal constructional apraxia: on a case of selective deficit of imagery. <i>Brain and Cognition</i> , 1986 , 5, 255-67	2.7	40
35	Functional Imaging and Language. <i>Journal of Clinical Neurophysiology</i> , 1994 , 11, 175-190	2.2	38
34	Spatiotemporal dynamics of the hedonic processing of chocolate images in individuals with and without trait chocolate craving. <i>Appetite</i> , 2012 , 58, 790-9	4.5	36
33	Electrophysiological evidence of early attentional bias to drug-related pictures in chronic cannabis users. <i>Addictive Behaviors</i> , 2014 , 39, 114-21	4.2	35
32	Electrophysiological evidence for abnormal error monitoring in recurrent major depressive disorder. <i>Psychophysiology</i> , 2011 , 48, 1192-202	4.1	34
31	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, 228-37	2.7	34
30	Looking before you leap: a theory of motivated control of action. <i>Cognition</i> , 2009 , 112, 141-58	3.5	31

29	Deficits of the automatic orienting of attention in schizophrenic patients. <i>Journal of Psychiatric Research</i> , 1993 , 27, 119-30	5.2	29
28	The Neural Basis of Vocal Pitch Imitation in Humans. <i>Journal of Cognitive Neuroscience</i> , 2016 , 28, 621-35	3.1	27
27	Spatiotemporal dynamics of speech sound perception in chronic developmental stuttering. <i>Brain and Language</i> , 2010 , 115, 141-7	2.9	27
26	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, 836-45	7.9	26
25	Prefrontal cortex function in remitted major depressive disorder. <i>Psychological Medicine</i> , 2013 , 43, 1219-30	6.0	25
24	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	3.3	25
23	Long-range synchronization and local desynchronization of alpha oscillations during visual short-term memory retention in children. <i>Experimental Brain Research</i> , 2010 , 201, 719-27	2.3	23
22	High-caloric and chocolate stimuli processing in healthy humans: an integration of functional imaging and electrophysiological findings. <i>Nutrients</i> , 2014 , 6, 319-41	6.7	22
21	When is giving an impulse? An ERP investigation of intuitive prosocial behavior. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 1121-9	4	19
20	Electrophysiology of blunted emotional bias in psychopathic personality. <i>Psychophysiology</i> , 2014 , 51, 36-41	4.1	19
19	Cortical Gray Matter in Attention-Deficit/Hyperactivity Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010 , 49, 229-238	7.2	19
18	The neural mechanisms of reciprocal communication. <i>Brain Research</i> , 2010 , 1353, 159-67	3.7	18
17	Right hemisphere superiority for programming oculomotion: evidence from simple reaction time experiments. <i>Neuropsychologia</i> , 1988 , 26, 201-11	3.2	18
16	fMRI BOLD Signal Changes in Elite Swimmers While Viewing Videos of Personal Failure. <i>Brain Imaging and Behavior</i> , 2008 , 2, 84-93	4.1	16
15	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	4.9	15
14	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, 313-26	2.9	10
13	Altered Long-Range Phase Synchronization and Cortical Activation in Children Born Very Preterm. <i>IFMBE Proceedings</i> , 2010 , 29, 250-253	0.2	8
12	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	1.6	7

11	To stop or not to stop: A high spatio-temporal resolution study of response inhibition using MEG. <i>International Congress Series</i> , 2007 , 1300, 425-428		6
10	Improvement of voicing in patients with Parkinson's disease by speech therapy. <i>Neurology</i> , 2003 , 61, 1316; author reply 1316-7	6.5	6
9	Functional brain organization of preparatory attentional control in visual search. <i>Brain Research</i> , 2013 , 1530, 32-43	3.7	5
8	Xenon effects on regional cerebral blood flow assessed by 15O-H2O positron emission tomography: implications for hyperpolarized xenon MRI. <i>Journal of Magnetic Resonance Imaging</i> , 1997 , 7, 761-4	5.6	5
7	CNS Resident Award: role of the lateral premotor cortex in articulation. <i>Clinical Neurosurgery</i> , 2003 , 50, 341-9		5
6	Imaging Human Emotions and Affective Feelings: Implications for Biological Psychiatry 33-74		3
5	Magnetoencephalography study of brain dynamics in young children born extremely preterm. <i>International Congress Series</i> , 2007 , 1300, 99-102		2
4	High temporal resolution imaging of spatial working memory. <i>International Congress Series</i> , 2007 , 1300, 433-436		2
3	Spatiotemporal dynamics of reward and punishment effects induced by associative learning. <i>PLoS ONE</i> , 2018 , 13, e0199847	3.7	2
2	Electrophysiological evidence that psychopathic personality traits are associated with atypical response to salient distractors. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020 , 20, 195-213	3.5	2
1	Spatiotemporal Dynamics of Covert Versus Overt Processing of Happy, Fearful and Sad Facial Expressions. <i>Brain Sciences</i> , 2021 , 11,	3.4	1