

# Marco Tettamanti

## List of Publications by Year in descending order

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76  
papers

5,988  
citations

101384

36  
h-index

98622

67  
g-index

79  
all docs

79  
docs citations

79  
times ranked

5614  
citing authors

#	ARTICLE	IF	CITATIONS
1	Listening to Action-related Sentences Activates Fronto-parietal Motor Circuits. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 273-281.	1.1	925
2	The neural correlates of verb and noun processing. <i>Brain</i> , 1999, 122, 2337-2344.	3.7	415
3	Syntax and the Brain: Disentangling Grammar by Selective Anomalies. <i>NeuroImage</i> , 2001, 13, 110-118.	2.1	376
4	The Neural Representation of Abstract Words: The Role of Emotion. <i>Cerebral Cortex</i> , 2014, 24, 1767-1777.	1.6	307
5	Word and picture matching: a PET study of semantic category effects. <i>Neuropsychologia</i> , 1999, 37, 293-306.	0.7	305
6	Different Brain Correlates for Watching Real and Virtual Hand Actions. <i>NeuroImage</i> , 2001, 14, 749-758.	2.1	271
7	Negation in the brain: Modulating action representations. <i>NeuroImage</i> , 2008, 43, 358-367.	2.1	183
8	Broca's Area: a Supramodal Hierarchical Processor?. <i>Cortex</i> , 2006, 42, 491-494.	1.1	180
9	The Effects of Semantic Category and Knowledge Type on Lexical-Semantic Access: A PET Study. <i>NeuroImage</i> , 1998, 8, 350-359.	2.1	159
10	A fMRI study of word retrieval in aphasia. <i>Brain and Language</i> , 2003, 85, 357-368.	0.8	157
11	The Functional and Structural Neural Basis of Individual Differences in Loss Aversion. <i>Journal of Neuroscience</i> , 2013, 33, 14307-14317.	1.7	153
12	The Different Neural Correlates of Action and Functional Knowledge in Semantic Memory: An fMRI Study. <i>Cerebral Cortex</i> , 2008, 18, 740-751.	1.6	151
13	Bilingual aphasia and language control: A follow-up fMRI and intrinsic connectivity study. <i>Brain and Language</i> , 2009, 109, 141-156.	0.8	147
14	Interhemispheric Transmission of Visuomotor Information in Humans: fMRI Evidence. <i>Journal of Neurophysiology</i> , 2002, 88, 1051-1058.	0.9	146
15	Neural Correlates for the Acquisition of Natural Language Syntax. <i>NeuroImage</i> , 2002, 17, 700-709.	2.1	136
16	Idiom Comprehension: A Prefrontal Task?. <i>Cerebral Cortex</i> , 2008, 18, 162-170.	1.6	122
17	Training-Induced Brain Remapping in Chronic Aphasia: A Pilot Study. <i>Neurorehabilitation and Neural Repair</i> , 2007, 21, 152-160.	1.4	110
18	Basal ganglia and language: phonology modulates dopaminergic release. <i>NeuroReport</i> , 2005, 16, 397-401.	0.6	105

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19	Early development of the Drosophila mushroom bodies, brain centres for associative learning and memory. <i>Development Genes and Evolution</i> , 1997, 207, 242-252.	0.4	88
20	Gender differences in healthy aging and Alzheimer's Dementia: A <sup>18</sup> F-FDG-PET study of brain and cognitive reserve. <i>Human Brain Mapping</i> , 2017, 38, 4212-4227.	1.9	87
21	Intention Processing in Communication: A Common Brain Network for Language and Gestures. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2415-2431.	1.1	85
22	Distinct pathways of neural coupling for different basic emotions. <i>NeuroImage</i> , 2012, 59, 1804-1817.	2.1	78
23	The Neural Substrate of Naming Events: Effects of Processing Demands but not of Grammatical Class. <i>Cerebral Cortex</i> , 2008, 18, 171-177.	1.6	76
24	Generating animal and tool names: An fMRI study of effective connectivity. <i>Brain and Language</i> , 2005, 93, 32-45.	0.8	69
25	Fine-Grained Semantic Categorization across the Abstract and Concrete Domains. <i>PLoS ONE</i> , 2013, 8, e67090.	1.1	64
26	She runs, the road runs, my mind runs, bad blood runs between us: Literal and figurative motion verbs: An fMRI study. <i>NeuroImage</i> , 2013, 83, 361-371.	2.1	60
27	Syntax without language: Neurobiological evidence for cross-domain syntactic computations. <i>Cortex</i> , 2009, 45, 825-838.	1.1	58
28	Metabolic connectomics targeting brain pathology in dementia with Lewy bodies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1311-1325.	2.4	57
29	Neural convergence for language comprehension and grammatical class production in highly proficient bilinguals is independent of age of acquisition. <i>Cortex</i> , 2013, 49, 1252-1258.	1.1	53
30	Dissecting the neurofunctional bases of intentional action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7440-7445.	3.3	46
31	Cholinergic activity correlates with reserve proxies in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2013, 34, 2694.e13-2694.e18.	1.5	43
32	Decoding the neural representation of fine-grained conceptual categories. <i>NeuroImage</i> , 2016, 132, 93-103.	2.1	43
33	[11C]-MP4A PET Cholinergic Measurements in Amnesic Mild Cognitive Impairment, Probable Alzheimer's Disease, and Dementia with Lewy Bodies: A Bayesian Method and Voxel-Based Analysis. <i>Journal of Alzheimer's Disease</i> , 2012, 31, 387-399.	1.2	41
34	CEREBRAL RESPONSES TO EMOTIONAL EXPRESSIONS AND THE DEVELOPMENT OF SOCIAL ANXIETY DISORDER: A PRELIMINARY LONGITUDINAL STUDY. <i>Depression and Anxiety</i> , 2012, 29, 54-61.	2.0	39
35	Effective connectivity gateways to the Theory of Mind network in processing communicative intention. <i>NeuroImage</i> , 2017, 155, 169-176.	2.1	39
36	The Neural Bases of Word Encoding and Retrieval: A fMRI-Guided Transcranial Magnetic Stimulation Study. <i>Brain Topography</i> , 2010, 22, 318-332.	0.8	38

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37	Neural representations of unfamiliar objects are modulated by sensorimotor experience. <i>Cortex</i> , 2013, 49, 1110-1125.	1.1	36
38	How the effects of actions become our own. <i>Science Advances</i> , 2020, 6, .	4.7	36
39	Brain white matter organisation in adolescence is related to childhood cerebral responses to facial expressions and harm avoidance. <i>NeuroImage</i> , 2012, 61, 1394-1401.	2.1	34
40	Semantic domain-specific functional integration for action-related vs. abstract concepts. <i>Brain and Language</i> , 2010, 112, 223-232.	0.8	33
41	Neural correlates for the acquisition of natural language syntax. <i>NeuroImage</i> , 2002, 17, 700-9.	2.1	31
42	Generalization of the effects of phonological training for anomia using structural equation modelling: A multiple single-case study. <i>Neurocase</i> , 2010, 16, 93-105.	0.2	29
43	Action-related semantic content and negation polarity modulate motor areas during sentence reading: An event-related desynchronization study. <i>Brain Research</i> , 2012, 1484, 39-49.	1.1	28
44	Training of Manual Actions Improves Language Understanding of Semantically Related Action Sentences. <i>Frontiers in Psychology</i> , 2012, 3, 547.	1.1	28
45	The disembodiment effect of negation: negating action-related sentences attenuates their interference on congruent upper limb movements. <i>Journal of Neurophysiology</i> , 2013, 109, 1782-1792.	0.9	27
46	Remodelling of sensorimotor maps in paraplegia: a functional magnetic resonance imaging study after a surgical nerve transfer. <i>Neuroscience Letters</i> , 2001, 303, 62-66.	1.0	26
47	Late acquisition of literacy in a native language. <i>Human Brain Mapping</i> , 2007, 28, 19-33.	1.9	26
48	The bilingual brain: Linguistic and non-linguistic skills. <i>Brain and Language</i> , 2009, 109, 51-54.	0.8	24
49	Can syntax appear in a mirror (system)?. <i>Cortex</i> , 2012, 48, 923-935.	1.1	22
50	How Task Interactivity Shapes Action Observation. <i>Cerebral Cortex</i> , 2019, 29, 5302-5314.	1.6	18
51	Observed Manipulation Enhances Left Fronto-Parietal Activations in the Processing of Unfamiliar Tools. <i>PLoS ONE</i> , 2014, 9, e99401.	1.1	17
52	The auditory scene: An fMRI study on melody and accompaniment in professional pianists. <i>NeuroImage</i> , 2014, 102, 764-775.	2.1	17
53	Frequency-based approach to the study of semantic brain networks connectivity. <i>Journal of Neuroscience Methods</i> , 2013, 212, 181-189.	1.3	16
54	Framing effects reveal discrete lexical-semantic and sublexical procedures in reading: an fMRI study. <i>Frontiers in Psychology</i> , 2015, 6, 1328.	1.1	16

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55	Sentential negation of abstract and concrete conceptual categories: a brain decoding multivariate pattern analysis study. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170124.	1.8	14
56	Unaware Processing of Tools in the Neural System for Object-Directed Action Representation. <i>Journal of Neuroscience</i> , 2017, 37, 10712-10724.	1.7	13
57	A tug of war: antagonistic effective connectivity patterns over the motor cortex and the severity of motor symptoms in Gilles de la Tourette syndrome. <i>European Journal of Neuroscience</i> , 2017, 46, 2203-2213.	1.2	12
58	Neural Correlates for the Acquisition of Natural Language Syntax. , 2002, 17, 700-700.		12
59	Cognitive training with action-related verbs induces neural plasticity in the action representation system as assessed by gray matter brain morphometry. <i>Neuropsychologia</i> , 2018, 114, 186-194.	0.7	11
60	The role of experience for abstract concepts: Expertise modulates the electrophysiological correlates of mathematical word processing. <i>Brain and Language</i> , 2019, 188, 1-10.	0.8	8
61	The prenatal brain readiness for speech processing: A review on foetal development of auditory and primordial language networks. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 709-719.	2.9	8
62	Acute effect of 3-(4-acetamido)-butyryl-horazepam (DDS2700) on brain function assessed by PET at rest and during attentive tasks. <i>Nuclear Medicine Communications</i> , 2001, 22, 399-404.	0.5	6
63	Recovery from anomia: Effects of specific rehabilitation on brain reorganisation: An er-fMRI study in 2 anomic patients. <i>Brain and Language</i> , 2003, 87, 126-127.	0.8	5
64	How words get meaning: The neural processing of novel object names after sensorimotor training. <i>NeuroImage</i> , 2019, 197, 284-294.	2.1	5
65	Selective defects of face familiarity associated to a left temporo-occipital lesion. <i>Neurological Sciences</i> , 2021, 42, 613-623.	0.9	5
66	Grounding Sentence Processing in the Sensory-Motor System. , 2016, , 647-657.		4
67	Action and emotion perception in Parkinson's disease: A neuroimaging meta-analysis. <i>NeuroImage: Clinical</i> , 2022, 35, 103031.	1.4	2
68	Structural Brain Correlates of Childhood Inhibited Temperament: An ENIGMA-Anxiety Mega-analysis. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2022, 61, 1182-1188.	0.3	2
69	Neural correlates of learning new grammatical rules: a fMRI study. <i>NeuroImage</i> , 2001, 13, 616.	2.1	0
70	Exploring semantic memory areas by means of parametric models of f-MRI data. , 0, , .		0
71	Exploring Semantic Memory Areas by Functional MRI. , 0, , 211-224.		0
72	Sensorimotor Representation for Motion Verbs in Literal vs. Figurative Context: A fMRI Study. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 61, 224-225.	0.5	0

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73	A research program in neuroimaging for an evolutionary theory of syntax. <i>Language and Cognition</i> , 2013, 5, 157-166.	0.2	0
74	Reducing Energy Consumption in Prospective Memory Support System through Hierarchical Positioning Algorithm. , 2014, , .		0
75	P.0035 Structural brain correlates of childhood inhibited temperament: rationale and methodology for an ENIGMA-Anxiety mega-analysis. <i>European Neuropsychopharmacology</i> , 2021, 53, S26-S27.	0.3	0
76	Effective connectivity within the neural system for object-directed action representation during aware and unaware tool processing. <i>Cortex</i> , 2022, , .	1.1	0