

Emiliano Macaluso

List of Publications by Year in descending order

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Version: 2024-02-01

134
papers

7,557
citations

53794

45
h-index

58581

82
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136
all docs

136
docs citations

136
times ranked

7407
citing authors

#	ARTICLE	IF	CITATIONS
1	An EEG study of the combined effects of top-down and bottom-up attentional selection under varying task difficulty. <i>Psychophysiology</i> , 2022, 59, e14002.	2.4	8
2	Dynamic causal interactions between occipital and parietal cortex explain how endogenous spatial attention and stimulus-driven salience jointly shape the distribution of processing priorities in 2D visual space. <i>NeuroImage</i> , 2022, 255, 119206.	4.2	9
3	Hemispheric functional segregation facilitates target detection during sustained visuospatial attention. <i>Human Brain Mapping</i> , 2022, 43, 4529-4539.	3.6	4
4	Atomoxetine modulates the contribution of low-level signals during free viewing of natural images in rhesus monkeys. <i>Neuropharmacology</i> , 2021, 182, 108377.	4.1	5
5	Does Cue Focality Modulate Age-related Performance in Prospective Memory? An fMRI Investigation. <i>Experimental Aging Research</i> , 2021, 47, 1-20.	1.2	4
6	Evaluation of denoising strategies for task-based functional connectivity: Equalizing residual motion artifacts between rest and cognitively demanding tasks. <i>Human Brain Mapping</i> , 2021, 42, 1805-1828.	3.6	14
7	The lateral intraparietal sulcus takes viewpoint changes into account during memory-guided attention in natural scenes. <i>Brain Structure and Function</i> , 2021, 226, 989-1006.	2.3	4
8	Memory for spatio-temporal contextual details during the retrieval of naturalistic episodes. <i>Scientific Reports</i> , 2021, 11, 14577.	3.3	4
9	Medio-lateral functional dissociation of the rostral prefrontal cortex with focal/non-focal cues during a prospective memory task. <i>Brain Imaging and Behavior</i> , 2020, 14, 1175-1186.	2.1	4
10	Brain Network Modularity During a Sustained Working-Memory Task. <i>Frontiers in Physiology</i> , 2020, 11, 422.	2.8	6
11	Sensitivity of occipito-temporal cortex, premotor and Broca's areas to visible speech gestures in a familiar language. <i>PLoS ONE</i> , 2020, 15, e0234695.	2.5	8
12	Context-Dependent Coding of Temporal Distance Between Cinematic Events in the Human Precuneus. <i>Journal of Neuroscience</i> , 2020, 40, 2129-2138.	3.6	24
13	Left hemispatial neglect and overt orienting in naturalistic conditions: Role of high-level and stimulus-driven signals. <i>Cortex</i> , 2019, 113, 329-346.	2.4	6
14	Enhanced insular/prefrontal connectivity when resisting from emotional distraction during visual search. <i>Brain Structure and Function</i> , 2019, 224, 2009-2026.	2.3	12
15	Age-related microstructural and physiological changes in normal brain measured by MRI \hat{D}^3 -metrics derived from anomalous diffusion signal representation. <i>NeuroImage</i> , 2019, 188, 654-667.	4.2	17
16	Brain-Heart Pathways to Blood Pressure-Related Hypoalgesia. <i>Psychosomatic Medicine</i> , 2018, 80, 845-852.	2.0	8
17	Visuo-spatial orienting during active exploratory behavior: Processing of task-related and stimulus-related signals. <i>Cortex</i> , 2018, 102, 26-44.	2.4	5
18	Functional Imaging of Visuospatial Attention in Complex and Naturalistic Conditions. <i>Current Topics in Behavioral Neurosciences</i> , 2018, 41, 279-302.	1.7	1

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19	Scale-invariant rearrangement of resting state networks in the human brain under sustained stimulation. <i>NeuroImage</i> , 2018, 179, 570-581.	4.2	13
20	Fear processing is differentially affected by lateralized stimulation of carotid baroreceptors. <i>Cortex</i> , 2018, 99, 200-212.	2.4	17
21	The λ^3 -parameter of anomalous diffusion quantified in human brain by MRI depends on local magnetic susceptibility differences. <i>NeuroImage</i> , 2017, 147, 619-631.	4.2	14
22	Brain activity induced by implicit processing of others' pain and pleasure. <i>Human Brain Mapping</i> , 2017, 38, 5562-5576.	3.6	8
23	Audiovisual integration as conflict resolution: The conflict of the McGurk illusion. <i>Human Brain Mapping</i> , 2017, 38, 5691-5705.	3.6	36
24	Task-Related Modulations of BOLD Low-Frequency Fluctuations within the Default Mode Network. <i>Frontiers in Physics</i> , 2017, 5, .	2.1	15
25	Competition between Visual Events Modulates the Influence of Saliency during Free-Viewing of Naturalistic Videos. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 320.	2.0	8
26	Neural Correlates of Divided Attention in Natural Scenes. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1392-1405.	2.3	9
27	The Curious Incident of Attention in Multisensory Integration: Bottom-up vs. Top-down. <i>Multisensory Research</i> , 2016, 29, 557-583.	1.1	71
28	Mothers with depressive symptoms display differential brain activations when empathizing with infant faces. <i>Psychiatry Research - Neuroimaging</i> , 2016, 249, 1-11.	1.8	20
29	The Response of the Left Ventral Attentional System to Invalid Targets and its Implication for the Spatial Neglect Syndrome: a Multivariate fMRI Investigation. <i>Cerebral Cortex</i> , 2016, 26, 4551-4562.	2.9	31
30	Time-resolved detection of stimulus/task-related networks, via clustering of transient intersubject synchronization. <i>Human Brain Mapping</i> , 2015, 36, 3404-3425.	3.6	6
31	Exogenous features versus prior experiences modulate different subregions of the right IPL during episodic memory retrieval. <i>Scientific Reports</i> , 2015, 5, 11248.	3.3	16
32	New insight into the contrast in diffusional kurtosis images: Does it depend on magnetic susceptibility?. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 2015-2024.	3.0	16
33	The attracting power of the gaze of politicians is modulated by the personality and ideological attitude of their voters: a functional magnetic resonance imaging study. <i>European Journal of Neuroscience</i> , 2015, 42, 2534-2545.	2.6	24
34	Parietal cortex integrates contextual and saliency signals during the encoding of natural scenes in working memory. <i>Human Brain Mapping</i> , 2015, 36, 5003-5017.	3.6	45
35	Crossmodal semantic congruence can affect visuo-spatial processing and activity of the fronto-parietal attention networks. <i>Frontiers in Integrative Neuroscience</i> , 2015, 9, 45.	2.1	34
36	Orienting of visuo-spatial attention in complex 3D space: Search and detection. <i>Human Brain Mapping</i> , 2015, 36, 2231-2247.	3.6	10

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37	Visual gravity cues in the interpretation of biological movements: neural correlates in humans. <i>NeuroImage</i> , 2015, 104, 221-230.	4.2	46
38	Selective reorienting response of the left hemisphere to invalid visual targets in the right side of space: Relevance for the spatial neglect syndrome. <i>Cortex</i> , 2015, 65, 31-35.	2.4	20
39	Effect of Parasympathetic Stimulation on Brain Activity During Appraisal of Fearful Expressions. <i>Neuropsychopharmacology</i> , 2015, 40, 1649-1658.	5.4	37
40	Immediate memory for "when, where and what". Short-delay retrieval using dynamic naturalistic material. <i>Human Brain Mapping</i> , 2015, 36, 2495-2513.	3.6	32
41	Scale invariance of temporal order discrimination using complex, naturalistic events. <i>Cognition</i> , 2015, 140, 111-121.	2.2	13
42	Unfamiliar Walking Movements Are Detected Early in the Visual Stream: An fMRI Study. <i>Cerebral Cortex</i> , 2015, 25, 2022-2034.	2.9	19
43	fMRI correlates of object-based attentional facilitation vs. suppression of irrelevant stimuli, dependent on global grouping and endogenous cueing. <i>Frontiers in Integrative Neuroscience</i> , 2014, 8, 12.	2.1	8
44	Set-relevance Determines the Impact of Distractors on Episodic Memory Retrieval. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2070-2086.	2.3	10
45	Spatial orienting in complex audiovisual environments. <i>Human Brain Mapping</i> , 2014, 35, 1597-1614.	3.6	56
46	Functional interplay between stimulus-oriented and stimulus-independent attending during a prospective memory task. <i>Neuropsychologia</i> , 2014, 53, 203-212.	1.6	23
47	Abnormal processing of deontological guilt in obsessive-compulsive disorder. <i>Brain Structure and Function</i> , 2014, 219, 1321-1331.	2.3	41
48	Weighing the stigma of weight: An fMRI study of neural reactivity to the pain of obese individuals. <i>NeuroImage</i> , 2014, 91, 109-119.	4.2	21
49	The contribution of working memory to divided attention. <i>Human Brain Mapping</i> , 2013, 34, 158-175.	3.6	33
50	Letters persistence after physical offset: Visual word form area and left planum temporale. An fMRI study. <i>Human Brain Mapping</i> , 2013, 34, 1282-1292.	3.6	2
51	Attachment models affect brain responses in areas related to emotions and empathy in nulliparous women. <i>Human Brain Mapping</i> , 2013, 34, 1399-1414.	3.6	82
52	Direct stimulation of the autonomic nervous system modulates activity of the brain at rest and when engaged in a cognitive task. <i>Human Brain Mapping</i> , 2013, 34, 1605-1614.	3.6	20
53	Their pain is not our pain: Brain and autonomic correlates of empathic resonance with the pain of same and different race individuals. <i>Human Brain Mapping</i> , 2013, 34, 3168-3181.	3.6	172
54	Sensory processing during viewing of cinematographic material: Computational modeling and functional neuroimaging. <i>NeuroImage</i> , 2013, 67, 213-226.	4.2	41

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55	Audio-visual interactions for motion perception in depth modulate activity in visual area V3A. <i>NeuroImage</i> , 2013, 71, 158-167.	4.2	18
56	Simulated self-motion in a visual gravity field: Sensitivity to vertical and horizontal heading in the human brain. <i>NeuroImage</i> , 2013, 71, 114-124.	4.2	95
57	Visual Saliency Improves Spatial Working Memory via Enhanced Parieto-Temporal Functional Connectivity. <i>Journal of Neuroscience</i> , 2013, 33, 4110-4117.	3.6	57
58	Detection of Transient Inter-regional Coupling in fMRI Time Series: A New Method Combining Inter-subjects Synchronization and Cluster-Analyses. , 2013, , .		1
59	Audio-Visual Perception of 3D Cinematography: An fMRI Study Using Condition-Based and Computation-Based Analyses. <i>PLoS ONE</i> , 2013, 8, e76003.	2.5	10
60	Attention and predictions: control of spatial attention beyond the endogenous-exogenous dichotomy. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 685.	2.0	79
61	Functional Brain Activity within the Medial and Lateral Portion of BA10 during a Prospective Memory Task. <i>Behavioural Neurology</i> , 2013, 26, 207-209.	2.1	5
62	Amygdala Activation Is Associated with Sense of Presence during Viewing 3D-surround Cinematography. <i>Lecture Notes in Computer Science</i> , 2013, , 153-160.	1.3	1
63	Functional anatomy of temporal organisation and domain-specificity of episodic memory retrieval. <i>Neuropsychologia</i> , 2012, 50, 2943-2955.	1.6	45
64	Learning about Time: Plastic Changes and Interindividual Brain Differences. <i>Neuron</i> , 2012, 75, 725-737.	8.1	69
65	Large scale brain activations predict reasoning profiles. <i>NeuroImage</i> , 2012, 59, 1752-1764.	4.2	43
66	Action anticipation beyond the action observation network: a functional magnetic resonance imaging study in expert basketball players. <i>European Journal of Neuroscience</i> , 2012, 35, 1646-1654.	2.6	134
67	Mapping reflexive shifts of attention in eye-centered and hand-centered coordinate systems. <i>Human Brain Mapping</i> , 2012, 33, 165-178.	3.6	18
68	Physiological correlates of subjective time: Evidence for the temporal accumulator hypothesis. <i>NeuroImage</i> , 2011, 57, 1251-1263.	4.2	43
69	Single domain amnesic MCI: A multiple cognitive domains fMRI investigation. <i>Neurobiology of Aging</i> , 2011, 32, 1542-1557.	3.1	71
70	Stimulus-Driven Orienting of Visuo-Spatial Attention in Complex Dynamic Environments. <i>Neuron</i> , 2011, 69, 1015-1028.	8.1	76
71	Spatial Constraints in Multisensory Attention. <i>Frontiers in Neuroscience</i> , 2011, , 485-508.	0.0	1
72	Anisotropic anomalous diffusion assessed in the human brain by scalar invariant indices. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1043-1052.	3.0	43

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73	Deontological and altruistic guilt: Evidence for distinct neurobiological substrates. <i>Human Brain Mapping</i> , 2011, 32, 229-239.	3.6	105
74	The Neural Correlates of Object Familiarity and Domain Specificity in the Human Visual Cortex: An fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2878-2891.	2.3	10
75	Spatial Constraints in Multisensory Attention. <i>Frontiers in Neuroscience</i> , 2011, , 485-508.	0.0	1
76	Grey and White Matter Changes at Different Stages of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 147-159.	2.6	135
77	The representation of space near the body through touch and vision. <i>Neuropsychologia</i> , 2010, 48, 782-795.	1.6	150
78	Right temporal-parietal junction engagement during spatial reorienting does not depend on strategic attention control. <i>Neuropsychologia</i> , 2010, 48, 1160-1164.	1.6	35
79	Conditional and syllogistic deductive tasks dissociate functionally during premise integration. <i>Human Brain Mapping</i> , 2010, 31, 1430-1445.	3.6	53
80	Processing of Targets in Smooth or Apparent Motion Along the Vertical in the Human Brain: An fMRI Study. <i>Journal of Neurophysiology</i> , 2010, 103, 360-370.	1.8	39
81	Neural Correlates of the Spatial and Expectancy Components of Endogenous and Stimulus-Driven Orienting of Attention in the Posner Task. <i>Cerebral Cortex</i> , 2010, 20, 1574-1585.	2.9	199
82	Visual and Semantic Processing of Living Things and Artifacts: An fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 554-570.	2.3	13
83	Item Retrieval and Competition in Noun and Verb Generation: An fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1140-1157.	2.3	88
84	Auditory temporal expectations modulate activity in visual cortex. <i>NeuroImage</i> , 2010, 51, 1168-1183.	4.2	45
85	Orienting of spatial attention and the interplay between the senses. <i>Cortex</i> , 2010, 46, 282-297.	2.4	91
86	The costs of monitoring simultaneously two sensory modalities decrease when dividing attention in space. <i>NeuroImage</i> , 2010, 49, 2717-2727.	4.2	53
87	Neural correlates of episodic retrieval: An fMRI study of the part-list cueing effect. <i>NeuroImage</i> , 2010, 50, 678-692.	4.2	18
88	Amblyopic dyslexia: A little investigated reading disorder. <i>Neurocase</i> , 2010, 16, 397-407.	0.6	3
89	Attending to Multiple Visual Streams: Interactions between Location-based and Category-based Attentional Selection. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1628-1641.	2.3	14
90	Neural Basis of Maternal Communication and Emotional Expression Processing during Infant Preverbal Stage. <i>Cerebral Cortex</i> , 2009, 19, 1124-1133.	2.9	251

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91	The Brain Network Underlying Serial Visual Search: Comparing Overt and Covert Spatial Orienting, for Activations and for Effective Connectivity. <i>Cerebral Cortex</i> , 2009, 19, 2946-2958.	2.9	47
92	fMRI correlates of visuo-spatial reorienting investigated with an attention shifting double-cue paradigm. <i>Human Brain Mapping</i> , 2009, 30, 2367-2381.	3.6	36
93	Spatial attention can modulate audiovisual integration at multiple cortical and subcortical sites. <i>European Journal of Neuroscience</i> , 2009, 29, 1247-1257.	2.6	125
94	Images-based suppression of unwanted global signals in resting-state functional connectivity studies. <i>Magnetic Resonance Imaging</i> , 2009, 27, 1058-1064.	1.8	50
95	Single-epoch analysis of interleaved evoked potentials and fMRI responses during steady-state visual stimulation. <i>Clinical Neurophysiology</i> , 2009, 120, 738-747.	1.5	15
96	Interactions between Voluntary and Stimulus-driven Spatial Attention Mechanisms across Sensory Modalities. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 2384-2397.	2.3	41
97	Interaural temporal and coherence cues jointly contribute to successful sound movement perception and activation of parietal cortex. <i>NeuroImage</i> , 2009, 46, 1200-1208.	4.2	5
98	Structural Correlates of Implicit Learning Deficits in Subjects with Developmental Dyslexia. <i>Annals of the New York Academy of Sciences</i> , 2008, 1145, 212-221.	3.8	41
99	Putaminal activity is related to perceptual certainty. <i>NeuroImage</i> , 2008, 41, 123-129.	4.2	23
100	Vestibular Nuclei and Cerebellum Put Visual Gravitational Motion in Context. <i>Journal of Neurophysiology</i> , 2008, 99, 1969-1982.	1.8	76
101	Neural Basis for Priming of Pop-Out during Visual Search Revealed with fMRI. <i>Cerebral Cortex</i> , 2007, 17, 1612-1624.	2.9	123
102	Dissociation of Stimulus Relevance and Saliency Factors during Shifts of Visuospatial Attention. <i>Cerebral Cortex</i> , 2007, 17, 1701-1711.	2.9	155
103	Neural basis of generation of conclusions in elementary deduction. <i>NeuroImage</i> , 2007, 38, 752-762.	4.2	91
104	The Golden Beauty: Brain Response to Classical and Renaissance Sculptures. <i>PLoS ONE</i> , 2007, 2, e1201.	2.5	208
105	Bimanual passive movement: functional activation and inter-regional coupling. <i>Frontiers in Integrative Neuroscience</i> , 2007, 1, 5.	2.1	8
106	Delay Activity and Sensory-Motor Translation During Planned Eye or Hand Movements to Visual or Tactile Targets. <i>Journal of Neurophysiology</i> , 2007, 98, 3081-3094.	1.8	19
107	Processing of multisensory spatial congruency can be dissociated from working memory and visuo-spatial attention. <i>European Journal of Neuroscience</i> , 2007, 26, 1681-1691.	2.6	36
108	Spatial re-orienting of visual attention along the horizontal or the vertical axis. <i>Experimental Brain Research</i> , 2007, 180, 23-34.	1.5	27

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109	Episodic memory impairment in patients with Alzheimer's disease is correlated with entorhinal cortex atrophy. <i>Journal of Neurology</i> , 2007, 254, 774-781.	3.6	119
110	The neural basis of temporal auditory discrimination. <i>NeuroImage</i> , 2006, 30, 512-520.	4.2	60
111	An independent component analysis-based approach on ballistocardiogram artifact removing. <i>Magnetic Resonance Imaging</i> , 2006, 24, 393-400.	1.8	50
112	Multisensory Processing in Sensory-Specific Cortical Areas. <i>Neuroscientist</i> , 2006, 12, 327-338.	3.5	140
113	Influence of gaze direction on crossmodal modulation of visual ERPs by endogenous tactile spatial attention. <i>Cognitive Brain Research</i> , 2005, 23, 406-417.	3.0	15
114	Representation of Visual Gravitational Motion in the Human Vestibular Cortex. <i>Science</i> , 2005, 308, 416-419.	12.6	278
115	Multisensory stimulation with or without saccades: fMRI evidence for crossmodal effects on sensory-specific cortices that reflect multisensory location-congruence rather than task-relevance. <i>NeuroImage</i> , 2005, 26, 414-425.	4.2	38
116	Multisensory spatial interactions: a window onto functional integration in the human brain. <i>Trends in Neurosciences</i> , 2005, 28, 264-271.	8.6	349
117	High Binaural Coherence Determines Successful Sound Localization and Increased Activity in Posterior Auditory Areas. <i>Neuron</i> , 2005, 47, 893-905.	8.1	67
118	Cross-Modal Consequences of Human Spatial Attention. , 2005, , 187-196.		2
119	The Functional Neuroanatomy of Temporal Discrimination. <i>Journal of Neuroscience</i> , 2004, 24, 2585-2591.	3.6	182
120	Occipital-parietal interactions during shifts of exogenous visuospatial attention: trial-dependent changes of effective connectivity. <i>Magnetic Resonance Imaging</i> , 2004, 22, 1477-1486.	1.8	30
121	Simultaneous EEG-fMRI acquisition: how far is it from being a standardized technique?. <i>Magnetic Resonance Imaging</i> , 2004, 22, 1445-1455.	1.8	32
122	Spatial and temporal factors during processing of audiovisual speech: a PET study. <i>NeuroImage</i> , 2004, 21, 725-732.	4.2	204
123	Preparatory states in crossmodal spatial attention: spatial specificity and possible control mechanisms. <i>Experimental Brain Research</i> , 2003, 149, 62-74.	1.5	88
124	Multimodal Spatial Representations Engaged in Human Parietal Cortex during Both Saccadic and Manual Spatial Orienting. <i>Current Biology</i> , 2003, 13, 990-999.	3.9	53
125	Multimodal spatial representations in the human parietal cortex: evidence from functional imaging. <i>Advances in Neurology</i> , 2003, 93, 219-33.	0.8	13
126	Supramodal Effects of Covert Spatial Orienting Triggered by Visual or Tactile Events. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 389-401.	2.3	134

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127	Directing Attention to Locations and to Sensory Modalities: Multiple Levels of Selective Processing revealed with PET. <i>Cerebral Cortex</i> , 2002, 12, 357-368.	2.9	137
128	Crossmodal Spatial Influences of Touch on Extrastriate Visual Areas Take Current Gaze Direction into Account. <i>Neuron</i> , 2002, 34, 647-658.	8.1	83
129	A Common Cortical Substrate Activated by Horizontal and Vertical Sound Movement in the Human Brain. <i>Current Biology</i> , 2002, 12, 1584-1590.	3.9	125
130	Multimodal mechanisms of attention related to rates of spatial shifting in vision and touch. <i>Experimental Brain Research</i> , 2001, 137, 445-454.	1.5	24
131	Spatial attention and crossmodal interactions between vision and touch. <i>Neuropsychologia</i> , 2001, 39, 1304-1316.	1.6	170
132	Selective Spatial Attention in Vision and Touch: Unimodal and Multimodal Mechanisms Revealed by PET. <i>Journal of Neurophysiology</i> , 2000, 83, 3062-3075.	1.8	110
133	Interhemispheric Differences in Extrastriate Areas during Visuo-Spatial Selective Attention. <i>NeuroImage</i> , 2000, 12, 485-494.	4.2	19
134	Modulation of Human Visual Cortex by Crossmodal Spatial Attention. <i>Science</i> , 2000, 289, 1206-1208.	12.6	585