Emiliano Ricciardi

List of Publications by Year
in descending order

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115	5,228	117453	102304
papers	citations	34 h-index	66 g-index

143	143	143	6460
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Default and control network connectivity dynamics track the stream of affect at multiple timescales. Social Cognitive and Affective Neuroscience, 2022, 17, 461-469.	1.5	8
2	The Contribution of Shape Features and Demographic Variables to Disembedding Abilities. Frontiers in Psychology, 2022, 13, 798871.	1.1	0
3	Mental health in the post-lockdown pandemic phase: Relief or exacerbation of psychological distress? A cross-sectional study in the general population in Italy. Acta Psychologica, 2022, 225, 103555.	0.7	15
4	Mindfulness-based online intervention increases well-being and decreases stress after Covid-19 lockdown. Scientific Reports, 2022, 12, 6483.	1.6	29
5	Cross-participant prediction of vigilance stages through the combined use of wPLI and wSMI EEG functional connectivity metrics. Sleep, 2021, 44, .	0.6	14
6	Social cognition in the blind brain: A coordinateâ€based metaâ€analysis. Human Brain Mapping, 2021, 42, 1243-1256.	1.9	11
7	Major Stress-Related Symptoms During the Lockdown: A Study by the Italian Society of Psychophysiology and Cognitive Neuroscience. Frontiers in Public Health, 2021, 9, 636089.	1.3	7
8	Role of corpus callosum in sleep spindle synchronization and coupling with slow waves. Brain Communications, 2021, 3, fcab108.	1.5	6
9	Emotion Regulation Failures Are Preceded by Local Increases in Sleep-like Activity. Journal of Cognitive Neuroscience, 2021, 33, 2342-2356.	1.1	7
10	U-Limb: A multi-modal, multi-center database on arm motion control in healthy and post-stroke conditions. GigaScience, 2021, 10, .	3.3	18
11	Overlapping and specific neural correlates for empathizing, affective mentalizing, and cognitive mentalizing: A coordinateâ€based metaâ€analytic study. Human Brain Mapping, 2021, 42, 4777-4804.	1.9	45
12	Enhancing Organizational Memory Through Virtual Memoryscapes: Does It Work?. Frontiers in Psychology, 2021, 12, 683870.	1.1	2
13	Cortical and subcortical hemodynamic changes during sleep slow waves in human light sleep. NeuroImage, 2021, 236, 118117.	2.1	10
14	Oscillatory signatures of Repetition Suppression and Novelty Detection reveal altered induced visual responses in early deafness. Cortex, 2021, 142, 138-153.	1.1	5
15	Complementing canonical fMRI with functional Quantitative Susceptibility Mapping (fQSM) in modern neuroimaging research. NeuroImage, 2021, 244, 118574.	2.1	1
16	Interactions between auditory statistics processing and visual experience emerge only in late development. IScience, 2021, 24, 103383.	1.9	5
17	Predictive value of electroencephalography connectivity measures for motor training outcome in multiple sclerosis: an observational longitudinal study. European Journal of Physical and Rehabilitation Medicine, 2020, 55, 743-753.	1.1	4
18	The sensory-deprived brain as a unique tool to understand brain development and function. Neuroscience and Biobehavioral Reviews, 2020, 108, 78-82.	2.9	14

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19	Shape coding in occipito-temporal cortex relies on object silhouette, curvature, and medial axis. Journal of Neurophysiology, 2020, 124, 1560-1570.	0.9	7
20	EEG frequency-tagging demonstrates increased left hemispheric involvement and crossmodal plasticity for face processing in congenitally deaf signers. NeuroImage, 2020, 223, 117315.	2.1	23
21	Does (lack of) sight matter for V1? New light from the study of the blind brain. Neuroscience and Biobehavioral Reviews, 2020, 118, 1-2.	2.9	9
22	Variability in the analysis of a single neuroimaging dataset by many teams. Nature, 2020, 582, 84-88.	13.7	634
23	Integrity of Corpus Callosum Is Essential for the Cross-Hemispheric Propagation of Sleep Slow Waves: A High-Density EEG Study in Split-Brain Patients. Journal of Neuroscience, 2020, 40, 5589-5603.	1.7	29
24	Reductions in perceived stress following Transcendental Meditation practice are associated with increased brain regional connectivity at rest. Brain and Cognition, 2020, 139, 105517.	0.8	18
25	Quantifying peripheral sympathetic activations during sleep by means of an automatic method for pulse wave amplitude drop detection. Sleep Medicine, 2020, 69, 220-232.	0.8	16
26	The Relation Between Consumers' Frontal Alpha Asymmetry, Attitude, and Investment Decision. Frontiers in Neuroscience, 2020, 14, 577978.	1.4	5
27	To Move or Not to Move? Functional Role of Ventral Premotor Cortex in Motor Monitoring During Limb Immobilization. Cerebral Cortex, 2019, 29, 273-282.	1.6	15
28	Quantitative Susceptibility Mapping of Brain Function During Auditory Stimulation. IEEE Transactions on Radiation and Plasma Medical Sciences, 2019, 3, 516-522.	2.7	5
29	EEG functional connectivity metrics wPLI and wSMI account for distinct types of brain functional interactions. Scientific Reports, 2019, 9, 8894.	1.6	71
30	Brain Hemodynamic Intermediate Phenotype Links Vitamin B₁₂ to Cognitive Profile of Healthy and Mild Cognitive Impaired Subjects. Neural Plasticity, 2019, 2019, 1-11.	1.0	6
31	Common spatiotemporal processing of visual features shapes object representation. Scientific Reports, 2019, 9, 7601.	1.6	7
32	Visual imagery and visual perception induce similar changes in occipital slow waves of sleep. Journal of Neurophysiology, 2019, 121, 2140-2152.	0.9	21
33	Regional Delta Waves In Human Rapid Eye Movement Sleep. Journal of Neuroscience, 2019, 39, 2686-2697.	1.7	104
34	Formant Space Reconstruction From Brain Activity in Frontal and Temporal Regions Coding for Heard Vowels. Frontiers in Human Neuroscience, 2019, 13, 32.	1.0	2
35	Musique, censure et crÃ©ation: G. G. Ancina et le â€œTempio armonicoâ€•(1599). Anne PiÃ©jus. Biblioteca della â€œRivista di storia e letteratura religiosaâ€• Studi 33. Florence: Olschki, 2017. xxii + 470 pp. â‚¬54.. Renaissance Quarterly, 2019, 72, 362-363.	0.0	0
36	Emotionotopy in the human right temporo-parietal cortex. Nature Communications, 2019, 10, 5568.	5.8	55

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37	Vascular Function Is Improved After an Environmental Enrichment Program. Hypertension, 2018, 71, 1218-1225.	1.3	18
38	Different levels of visual perceptual skills are associated with specific modifications in functional connectivity and global efficiency. International Journal of Psychophysiology, 2018, 123, 127-135.	0.5	12
39	Foreground-Background Segmentation Revealed during Natural Image Viewing. ENeuro, 2018, 5, ENEURO.0075-18.2018.	0.9	12
40	Eight Weddings and Six Funerals: An fMRI Study on Autobiographical Memories. Frontiers in Behavioral Neuroscience, 2018, 12, 212.	1.0	2
41	Editorial. International Journal of Psychophysiology, 2018, 131, S1.	0.5	0
42	Randomized trial on the effects of a combined physical/cognitive training in aged MCI subjects: the Train the Brain study. Scientific Reports, 2017, 7, 39471.	1.6	108
43	Modality-independent encoding of individual concepts in the left parietal cortex. Neuropsychologia, 2017, 105, 39-49.	0.7	28
44	Not in one metric: Neuroticism modulates different resting state metrics within distinctive brain regions. Behavioural Brain Research, 2017, 327, 34-43.	1.2	27
45	Heart rate variability analysis during muscle fatigue due to prolonged isometric contraction. , 2017, 2017, 1324-1327.		3
46	Peripersonal space representation develops independently from visual experience. Scientific Reports, 2017, 7, 17673.	1.6	12
47	Functional and spatial segregation within the inferior frontal and superior temporal cortices during listening, articulation imagery, and production of vowels. Scientific Reports, 2017, 7, 17029.	1.6	23
48	Muscle fatigue assessment through electrodermal activity analysis during isometric contraction. , 2017, 2017, 398-401.		4
49	A magnetic compatible supernumerary robotic finger for functional magnetic resonance imaging (fMRI) acquisitions: Device description and preliminary results. , 2017, 2017, 1177-1182.		8
50	Analysis of Residual Dependencies of Independent Components Extracted from fMRI Data. Computational Intelligence and Neuroscience, 2016, 2016, 1-15.	1.1	1
51	Are Supramodality and Cross-Modal Plasticity the Yin and Yang of Brain Development? From Blindness to Rehabilitation. Frontiers in Systems Neuroscience, 2016, 10, 89.	1.2	65
52	When Neuroscience â€˜Touchesâ€™ Architecture: From Hapticity to a Supramodal Functioning of the Human Brain. Frontiers in Psychology, 2016, 7, 866.	1.1	30
53	Progression from Vegetative to Minimally Conscious State Is Associated with Changes in Brain Neural Response to Passive Tasks: A Longitudinal Single-Case Functional MRI Study. Journal of the International Neuropsychological Society, 2016, 22, 620-630.	1.2	21
54	How concepts are encoded in the human brain: A modality independent, category-based cortical organization of semantic knowledge. NeuroImage, 2016, 135, 232-242.	2.1	50

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55	Decoding and encoding approaches to brain imaging data: from cognition to robotics. International Journal of Psychophysiology, 2016, 108, 16.	0.5	0
56	Towards a synergy framework across neuroscience and robotics: Lessons learned and open questions. Reply to comments on: â€œHand synergies: Integration of robotics and neuroscience for understanding the control of biological and artificial handsâ€• Physics of Life Reviews, 2016, 17, 54-60.	1.5	13
57	Congenital blindness affects diencephalic but not mesencephalic structures in the human brain. Brain Structure and Function, 2016, 221, 1465-1480.	1.2	46
58	Sleep reverts changes in human gray and white matter caused by wake-dependent training. NeuroImage, 2016, 129, 367-377.	2.1	50
59	Hand synergies: Integration of robotics and neuroscience for understanding the control of biological and artificial hands. Physics of Life Reviews, 2016, 17, 1-23.	1.5	191
60	The Motor Control of Hand Movements in the Human Brain: Toward the Definition of a Cortical Representation of Postural Synergies. Springer Series on Touch and Haptic Systems, 2016, , 41-60.	0.2	0
61	A synergy-based hand control is encoded in human motor cortical areas. ELife, 2016, 5, .	2.8	98
62	A topographical organization for action representation in the human brain. Human Brain Mapping, 2015, 36, 3832-3844.	1.9	32
63	Spatial imagery relies on a sensory independent, though sensory sensitive, functional organization within the parietal cortex: A fMRI study of angle discrimination in sighted and congenitally blind individuals. Neuropsychologia, 2015, 68, 59-70.	0.7	27
64	Neural and Behavioral Correlates of Extended Training during Sleep Deprivation in Humans: Evidence for Local, Task-Specific Effects. Journal of Neuroscience, 2015, 35, 4487-4500.	1.7	108
65	Proneness to social anxiety modulates neural complexity in the absence of exposure: A resting state fMRI study using Hurst exponent. Psychiatry Research - Neuroimaging, 2015, 232, 135-144.	0.9	43
66	The direct, not V1-mediated, functional influence between the thalamus and middle temporal complex in the human brain is modulated by the speed of visual motion. Neuroscience, 2015, 284, 833-844.	1.1	17
67	It's not all in your car: functional and structural correlates of exceptional driving skills in professional racers. Frontiers in Human Neuroscience, 2014, 8, 888.	1.0	33
68	The blind brain: How (lack of) vision shapes the morphological and functional architecture of the human brain. Experimental Biology and Medicine, 2014, 239, 1414-1420.	1.1	42
69	Modality Dependent Cross-Modal Functional Reorganization Following Congenital Visual Deprivation within Occipital Areas: A Meta-Analysis of Tactile and Auditory Studies. Multisensory Research, 2014, 27, 247-262.	0.6	14
70	Functional Signalers of Changes in Visual Stimuli: Cortical Responses to Increments and Decrements in Motion Coherence. Cerebral Cortex, 2014, 24, 110-118.	1.6	26
71	Mind the blind brain to understand the sighted one! Is there a supramodal cortical functional architecture?. Neuroscience and Biobehavioral Reviews, 2014, 41, 64-77.	2.9	135
72	Towards a supramodal organization of conceptual knowledge. International Journal of Psychophysiology, 2014, 94, 154.	0.5	0

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73	Morphometric Changes of the Corpus Callosum in Congenital Blindness. PLoS ONE, 2014, 9, e107871.	1.1	37
74	Hypersensitivity to pain in congenital blindness. Pain, 2013, 154, 1973-1978.	2.0	31
75	Cholinergic enhancement reduces functional connectivity and BOLD variability in visual extrastriate cortex during selective attention. Neuropharmacology, 2013, 64, 305-313.	2.0	40
76	Cholinergic enhancement differentially modulates neural response to encoding during face identity and face location working memory tasks. Experimental Biology and Medicine, 2013, 238, 999-1008.	1.1	12
77	The Effects of Visual Control and Distance in Modulating Peripersonal Spatial Representation. PLoS ONE, 2013, 8, e59460.	1.1	7
78	How Skill Expertise Shapes the Brain Functional Architecture: An fMRI Study of Visuo-Spatial and Motor Processing in Professional Racing-Car and NaÃ¯ve Drivers. PLoS ONE, 2013, 8, e77764.	1.1	72
79	How the brain heals emotional wounds: the functional neuroanatomy of forgiveness. Frontiers in Human Neuroscience, 2013, 7, 839.	1.0	52
80	Beyond Motor Scheme: A Supramodal Distributed Representation in the Action-Observation Network. PLoS ONE, 2013, 8, e58632.	1.1	22
81	Increased BOLD Variability in the Parietal Cortex and Enhanced Parieto-Occipital Connectivity during Tactile Perception in Congenitally Blind Individuals. Neural Plasticity, 2012, 2012, 1-8.	1.0	42
82	Touching Motion: rTMS on the Human Middle Temporal Complex Interferes with Tactile Speed Perception. Brain Topography, 2012, 25, 389-398.	0.8	21
83	Where the brain appreciates the final state of an event: The neural correlates of telicity. Brain and Language, 2012, 123, 68-74.	0.8	15
84	The neural mechanisms of reliability weighted integration of shape information from vision and touch. NeuroImage, 2012, 60, 1063-1072.	2.1	53
85	Evidence of a direct influence between the thalamus and hMT+ independent of V1 in the human brain as measured by fMRI. NeuroImage, 2012, 60, 1440-1447.	2.1	38
86	FMRI Compatible Sensing Glove for Hand Gesture Monitoring. Springer Series on Touch and Haptic Systems, 2012, , 215-228.	0.2	2
87	Covert brand recognition engages emotion-specific brain networks. Archives Italiennes De Biologie, 2012, 150, 259-73.	0.1	2
88	Decomposing metaphor processing at the cognitive and neural level through functional magnetic resonance imaging. Brain Research Bulletin, 2011, 86, 203-216.	1.4	121
89	The Nature of Consciousness in the Visually Deprived Brain. Frontiers in Psychology, 2011, 2, 19.	1.1	66
90	New light from the dark. Current Opinion in Neurology, 2011, 24, 357-363.	1.8	80

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91	Distinct Neural Systems Involved in Agency and Animacy Detection. Journal of Cognitive Neuroscience, 2011, 23, 1911-1920.	1.1	101
92	Functional inhibition of the human middle temporal cortex affects non-visual motion perception: a repetitive transcranial magnetic stimulation study during tactile speed discrimination. Experimental Biology and Medicine, 2011, 236, 138-144.	1.1	29
93	Is Social Phobia a â€œMis-Communicationâ€•Disorder? Brain Functional Connectivity during Face Perception Differs between Patients with Social Phobia and Healthy Control Subjects. Frontiers in Systems Neuroscience, 2010, 4, 152.	1.2	31
94	Effects of Visual Experience on the Human MT+ Functional Connectivity Networks: An fMRI Study of Motion Perception in Sighted and Congenitally Blind Individuals. Frontiers in Systems Neuroscience, 2010, 4, 159.	1.2	43
95	Beyond visual, aural and haptic movement perception: hMT+ is activated by electrotactile motion stimulation of the tongue in sighted and in congenitally blind individuals. Brain Research Bulletin, 2010, 82, 264-270.	1.4	125
96	Neural correlates of human-robot handshaking. , 2010, , .		5
97	Do We Really Need Vision? How Blind People â€œSeeâ€•the Actions of Others. Journal of Neuroscience, 2009, 29, 9719-9724.	1.7	134
98	Cholinergic modulation of visual working memory during aging: A parametric PET study. Brain Research Bulletin, 2009, 79, 322-332.	1.4	25
99	Beyond amygdala: Default Mode Network activity differs between patients with Social Phobia and healthy controls. Brain Research Bulletin, 2009, 79, 409-413.	1.4	165
100	Neural correlates of â€œanalytical-specific visual perceptionâ€•and degree of task difficulty as investigated by the Mangina-Test: A functional magnetic resonance imaging (fMRI) study in young healthy adults. International Journal of Psychophysiology, 2009, 73, 150-156.	0.5	10
101	Modulation of specific brain activity by the perceptual analysis of very subtle geometrical relationships of the Mangina-Test stimuli: A functional magnetic resonance imaging (fMRI) investigation in young healthy adults. International Journal of Psychophysiology, 2009, 73, 157-163.	0.5	6
102	Imagery and spatial processes in blindness and visual impairment. Neuroscience and Biobehavioral Reviews, 2008, 32, 1346-1360.	2.9	206
103	Cholinergic Enhancement Eliminates Modulation of Neural Activity by Task Difficulty in the Prefrontal Cortex during Working Memory. Journal of Cognitive Neuroscience, 2008, 20, 1342-1353.	1.1	29
104	Neural correlates of â€œanalytical-specific visual perceptionâ€•as investigated by the Mangina-Test: A functional magnetic resonance imaging study in young healthy adults. International Journal of Psychophysiology, 2008, 69, 146-147.	0.5	2
105	Tactile flow explains haptic counterparts of common visual illusions. Brain Research Bulletin, 2008, 75, 737-741.	1.4	60
106	Differential modulation of neural activity throughout the distributed neural system for face perception in patients with Social Phobia and healthy subjects. Brain Research Bulletin, 2008, 77, 286-292.	1.4	113
107	Sensing Glove for Brain Studies: Design and Assessment of Its Compatibility for fMRI With a Robust Test. IEEE/ASME Transactions on Mechatronics, 2008, 13, 345-354.	3.7	35
108	Functional Exploration Studies of Supramodal Organization in the Human Extrastriate Cortex. Springer Tracts in Advanced Robotics, 2008, , 7-24.	0.3	0

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109	The Effect of Visual Experience on the Development of Functional Architecture in hMT+. Cerebral Cortex, 2007, 17, 2933-2939.	1.6	163
110	Neural correlates of spatial working memory in humans: A functional magnetic resonance imaging study comparing visual and tactile processes. Neuroscience, 2006, 139, 339-349.	1.1	168
111	Combination of event-related potentials and functional magnetic resonance imaging during single-letter reading. , 2006, 2006, 984-7.		0
112	A Compatible Electrocutaneous Display for functional Magnetic Resonance Imaging application. , 2006, 2006, 1021-4.		4
113	Pharmacological Modulation of Prefrontal Cortical Activity During a Working Memory Task in Young and Older Humans: A PET Study With Physostigmine. American Journal of Psychiatry, 2005, 162, 2061-2070.	4.0	43
114	Beyond sensory images: Object-based representation in the human ventral pathway. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5658-5663.	3.3	452
115	Interactions Between Auditory Statistics Processing and Visual Experience Emerge Only in Late Development. SSRN Electronic Journal, 0, , .	0.4	0