

Franco Cauda

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

5,082
citations

101384

36
h-index

98622

67
g-index

102
all docs

102
docs citations

102
times ranked

7603
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional connectivity of the insula in the resting brain. <i>NeuroImage</i> , 2011, 55, 8-23.	2.1	677
2	Meta-analytic clustering of the insular cortex. <i>NeuroImage</i> , 2012, 62, 343-355.	2.1	264
3	Altered Resting State in Diabetic Neuropathic Pain. <i>PLoS ONE</i> , 2009, 4, e4542.	1.1	194
4	Functional Connectivity and Coactivation of the Nucleus Accumbens: A Combined Functional Connectivity and Structure-Based Meta-analysis. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2864-2877.	1.1	190
5	Gray matter alterations in chronic pain: A network-oriented meta-analytic approach. <i>NeuroImage: Clinical</i> , 2014, 4, 676-686.	1.4	169
6	Activation likelihood estimation meta-analysis of brain correlates of placebo analgesia in human experimental pain. <i>Human Brain Mapping</i> , 2013, 34, 738-752.	1.9	165
7	Grey matter abnormality in autism spectrum disorder: an activation likelihood estimation meta-analysis study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 1304-1313.	0.9	158
8	Different functions in the cingulate cortex, a meta-analytic connectivity modeling study. <i>NeuroImage</i> , 2011, 56, 2157-2172.	2.1	149
9	Collicular Vision Guides Nonconscious Behavior. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 888-902.	1.1	131
10	Unawareness of deficits in Alzheimer's disease: role of the cingulate cortex. <i>Brain</i> , 2011, 134, 1061-1076.	3.7	124
11	Disrupted intrinsic functional connectivity in the vegetative state. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 80, 429-431.	0.9	121
12	Dynamic Changes in Amygdala Psychophysiological Connectivity Reveal Distinct Neural Networks for Facial Expressions of Basic Emotions. <i>Scientific Reports</i> , 2017, 7, 45260.	1.6	120
13	Altered resting state attentional networks in diabetic neuropathic pain. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 806-811.	0.9	116
14	Functional Connectivity of the Posteromedial Cortex. <i>PLoS ONE</i> , 2010, 5, e13107.	1.1	115
15	Motor imagery of walking following training in locomotor attention. The effect of "the tango lesson". <i>NeuroImage</i> , 2006, 32, 1441-1449.	2.1	112
16	Low-frequency BOLD fluctuations demonstrate altered thalamocortical connectivity in diabetic neuropathic pain. <i>BMC Neuroscience</i> , 2009, 10, 138.	0.8	104
17	Preoperative and intraoperative brain mapping for the resection of eloquent-area tumors. A prospective analysis of methodology, correlation, and usefulness based on clinical outcomes. <i>Acta Neurochirurgica</i> , 2010, 152, 1835-1846.	0.9	102
18	The Neural Correlates of Time: A Meta-analysis of Neuroimaging Studies. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1796-1826.	1.1	73

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19	Temporal and spatial neural dynamics in the perception of basic emotions from complex scenes. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1690-1703.	1.5	70
20	Functional anatomy of cortical areas characterized by Von Economo neurons. <i>Brain Structure and Function</i> , 2013, 218, 1-20.	1.2	67
21	Once you feel it, you see it: Insula and sensory-motor contribution to visual awareness for fearful bodies in parietal neglect. <i>Cortex</i> , 2015, 62, 56-72.	1.1	63
22	The neural correlates of happiness: A review of PET and fMRI studies using autobiographical recall methods. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2016, 16, 383-392.	1.0	62
23	White matter and schizophrenia: A meta-analysis of voxel-based morphometry and diffusion tensor imaging studies. <i>Psychiatry Research - Neuroimaging</i> , 2017, 270, 8-21.	0.9	61
24	Brain structural alterations are distributed following functional, anatomic and genetic connectivity. <i>Brain</i> , 2018, 141, 3211-3232.	3.7	61
25	Shared "Core" Areas between the Pain and Other Task-Related Networks. <i>PLoS ONE</i> , 2012, 7, e41929.	1.1	59
26	Multimodal fMRI Resting-State Functional Connectivity in Granulin Mutations: The Case of Fronto-Parietal Dementia. <i>PLoS ONE</i> , 2014, 9, e106500.	1.1	58
27	The morphometric co-atrophy networking of schizophrenia, autistic and obsessive spectrum disorders. <i>Human Brain Mapping</i> , 2018, 39, 1898-1928.	1.9	56
28	The homotopic connectivity of the functional brain: a meta-analytic approach. <i>Scientific Reports</i> , 2019, 9, 3346.	1.6	50
29	The Neural Correlates of Consciousness and Attention: Two Sister Processes of the Brain. <i>Frontiers in Neuroscience</i> , 2019, 13, 1169.	1.4	50
30	Concordance of white matter and gray matter abnormalities in autism spectrum disorders: A voxel-based meta-analysis study. <i>Human Brain Mapping</i> , 2014, 35, 2073-2098.	1.9	47
31	Route and survey processing of topographical memory during navigation. <i>Psychological Research</i> , 2010, 74, 545-559.	1.0	46
32	How do morphological alterations caused by chronic pain distribute across the brain? A meta-analytic co-alteration study. <i>NeuroImage: Clinical</i> , 2018, 18, 15-30.	1.4	45
33	Cerebellar Clustering and Functional Connectivity During Pain Processing. <i>Cerebellum</i> , 2016, 15, 343-356.	1.4	43
34	Linking coordinative and executive dysfunctions to atrophy in spinocerebellar ataxia 2 patients. <i>Brain Structure and Function</i> , 2011, 216, 275-288.	1.2	42
35	Virtual navigation for memory rehabilitation in a traumatic brain injured patient. <i>Neurocase</i> , 2012, 18, 123-131.	0.2	42
36	Evolutionary appearance of von Economo's neurons in the mammalian cerebral cortex. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 104.	1.0	41

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37	Updating and characterizing neuroanatomical markers in high-risk subjects, recently diagnosed and chronic patients with schizophrenia: A revised coordinate-based meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 123, 83-103.	2.9	40
38	Looking for Neuroimaging Markers in Frontotemporal Lobar Degeneration Clinical Trials: A Multi-Voxel Pattern Analysis Study in Granulin Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 249-262.	1.2	39
39	Mindfulness meditation and consciousness: An integrative neuroscientific perspective. <i>Consciousness and Cognition</i> , 2016, 40, 67-78.	0.8	39
40	Discovering the somatotopic organization of the motor areas of the medial wall using low-frequency bold fluctuations. <i>Human Brain Mapping</i> , 2011, 32, 1566-1579.	1.9	38
41	Action Observation Areas Represent Intentions From Subtle Kinematic Features. <i>Cerebral Cortex</i> , 2018, 28, 2647-2654.	1.6	36
42	Are schizophrenia, autistic, and obsessive spectrum disorders dissociable on the basis of neuroimaging morphological findings?: A voxel-based meta-analysis. <i>Autism Research</i> , 2017, 10, 1079-1095.	2.1	35
43	Mental number line disruption in a right-neglect patient after a left-hemisphere stroke. <i>Brain and Cognition</i> , 2009, 69, 81-88.	0.8	34
44	Parcellation of the cingulate cortex at rest and during tasks: a meta-analytic clustering and experimental study. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 275.	1.0	34
45	Nucleus accumbens functional connectivity discriminates medication-overuse headache. <i>NeuroImage: Clinical</i> , 2016, 11, 686-693.	1.4	32
46	Drawing lines while imagining circles: Neural basis of the bimanual coupling effect during motor execution and motor imagery. <i>NeuroImage</i> , 2014, 88, 100-112.	2.1	30
47	Brain functional connectivity in individuals with callosotomy and agenesis of the corpus callosum: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 105, 231-248.	2.9	30
48	Reorganization and enhanced functional connectivity of motor areas in repetitive ankle movements after training in locomotor attention. <i>Brain Research</i> , 2009, 1297, 124-134.	1.1	28
49	A combined robotic and cognitive training for locomotor rehabilitation: evidences of cerebral functional reorganization in two chronic traumatic brain injured patients. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 146.	1.0	28
50	Video game play changes spatial and verbal memory: rehabilitation of a single case with traumatic brain injury. <i>Cognitive Processing</i> , 2009, 10, 195-197.	0.7	27
51	Neural activity during production of rorschach responses: An fMRI study. <i>Psychiatry Research - Neuroimaging</i> , 2017, 262, 25-31.	0.9	27
52	Neuropathic pain in post-burn hypertrophic scars: A psychophysical and neurophysiological study. <i>Muscle and Nerve</i> , 2012, 45, 883-890.	1.0	25
53	The Pathoconnectivity Profile of Alzheimer's Disease: A Morphometric Coalteration Network Analysis. <i>Frontiers in Neurology</i> , 2018, 8, 739.	1.1	25
54	Disentangling predictive processing in the brain: a meta-analytic study in favour of a predictive network. <i>Scientific Reports</i> , 2021, 11, 16258.	1.6	23

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55	Rehabilitation of Communicative Abilities in Patients with a History of TBI: Behavioral Improvements and Cerebral Changes in Resting-State Activity. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 48.	1.0	22
56	Human Movement Responses to the Rorschach and Mirroring Activity: An fMRI Study. <i>Assessment</i> , 2019, 26, 56-69.	1.9	21
57	Crossing the Line of Pain: fMRI Correlates of Crossed-Hands Analgesia. <i>Journal of Pain</i> , 2013, 14, 957-965.	0.7	19
58	Massive Modulation of Brain Areas After Mechanical Pain Stimulation: A Time-Resolved fMRI Study. <i>Cerebral Cortex</i> , 2014, 24, 2991-3005.	1.6	19
59	Brain pathology recapitulates physiology: A network meta-analysis. <i>Communications Biology</i> , 2021, 4, 301.	2.0	19
60	Bifocal extradural cortical stimulation-induced recovery of consciousness in the permanent post-traumatic vegetative state. <i>Journal of Neurology</i> , 2009, 256, 834-836.	1.8	18
61	Behavioral and neuroplastic effects of low-frequency rTMS of the unaffected hemisphere in a chronic stroke patient: A concomitant TMS and fMRI study. <i>Neurocase</i> , 2014, 20, 615-626.	0.2	18
62	The alteration landscape of the cerebral cortex. <i>NeuroImage</i> , 2019, 184, 359-371.	2.1	18
63	Neural Correlates of Gender Differences in Reputation Building. <i>PLoS ONE</i> , 2014, 9, e106285.	1.1	17
64	Finding specificity in structural brain alterations through Bayesian reverse inference. <i>Human Brain Mapping</i> , 2020, 41, 4155-4172.	1.9	17
65	A meta-analytic approach to mapping co-occurrent grey matter volume increases and decreases in psychiatric disorders. <i>NeuroImage</i> , 2020, 222, 117220.	2.1	16
66	Tasks activating the default mode network map multiple functional systems. <i>Brain Structure and Function</i> , 2022, 227, 1711-1734.	1.2	16
67	Unawareness of bipolar disorder: the role of the cingulate cortex. <i>Neurocase</i> , 2015, 21, 438-447.	0.2	15
68	Gray matter abnormalities follow non-random patterns of co-alteration in autism: Meta-connectomic evidence. <i>NeuroImage: Clinical</i> , 2021, 30, 102583.	1.4	15
69	Multivariate analysis of brain metabolism reveals chemotherapy effects on prefrontal cerebellar system when related to dorsal attention network. <i>EJNMMI Research</i> , 2013, 3, 22.	1.1	14
70	How many clusters in the insular cortex?. <i>Cerebral Cortex</i> , 2013, 23, 2779-2780.	1.6	14
71	Node Detection Using High-Dimensional Fuzzy Parcellation Applied to the Insular Cortex. <i>Neural Plasticity</i> , 2016, 2016, 1-8.	1.0	14
72	Hubs of long-distance co-alteration characterize brain pathology. <i>Human Brain Mapping</i> , 2020, 41, 3878-3899.	1.9	14

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73	BACON: A tool for reverse inference in brain activation and alteration. <i>Human Brain Mapping</i> , 2021, 42, 3343-3351.	1.9	14
74	Beyond the "Pain Matrix," inter-run synchronization during mechanical nociceptive stimulation. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 265.	1.0	13
75	Functional Connectivity Networks in Asymptomatic and Symptomatic <i>DYT1</i> Carriers. <i>Movement Disorders</i> , 2016, 31, 1739-1743.	2.2	12
76	Six actions to improve detection of critical features for neuroimaging coordinate-based meta-analysis preparation. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 137, 104659.	2.9	12
77	Low entropy maps as patterns of the pathological alteration specificity of brain regions: A meta-analysis dataset. <i>Data in Brief</i> , 2018, 21, 1483-1495.	0.5	10
78	Enhanced dynamic functional connectivity (whole-brain chronnectome) in chess experts. <i>Scientific Reports</i> , 2020, 10, 7051.	1.6	10
79	The pathoconnectivity network analysis of the insular cortex: A morphometric fingerprinting. <i>NeuroImage</i> , 2021, 225, 117481.	2.1	10
80	The Foraging Brain: Evidence of Lévy Dynamics in Brain Networks. <i>PLoS ONE</i> , 2016, 11, e0161702.	1.1	9
81	Introducing the concept of neurobiological foundation of Rorschach responses using the example of Oral Dependent Language. <i>Scandinavian Journal of Psychology</i> , 2019, 60, 528-538.	0.8	9
82	The neural correlates of hedonic and eudaimonic happiness: An fMRI study. <i>Neuroscience Letters</i> , 2019, 712, 134491.	1.0	9
83	Complexity and Cognitive Engagement in the Rorschach Task: An fMRI Study. <i>Journal of Personality Assessment</i> , 2021, 103, 634-644.	1.3	9
84	Revealing the Selectivity of Neuroanatomical Alteration in Autism Spectrum Disorder via Reverse Inference. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2023, 8, 1075-1083.	1.1	7
85	A Bayesian Reanalysis of the Phase III Aducanumab (ADU) Trial. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-4.	1.2	7
86	Bra.Di.P.O. and P.I.G.R.O.: Innovative Devices for Motor Learning Programs. <i>Journal of Robotics</i> , 2014, 2014, 1-12.	0.6	5
87	Attention, Salience, and Self-Awareness: The Role of Insula in Meditation. , 2018, , 213-221.		4
88	Heterogeneous neuroimaging findings, damage propagation and connectivity: an integrative view. <i>Brain</i> , 2019, 142, e17-e17.	3.7	4
89	Beyond localized and distributed accounts of brain functions. <i>Physics of Life Reviews</i> , 2014, 11, 442-443.	1.5	3
90	An Automated Toolbox to Predict Single Subject Atrophy in Presymptomatic Granulin Mutation Carriers. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-14.	1.2	3

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91	A co-alteration parceling of the cingulate cortex. Brain Structure and Function, 2022, , 1.	1.2	2
92	Interhemispheric co-alteration of brain homotopic regions. Brain Structure and Function, 2021, 226, 2181-2204.	1.2	1
93	Multimodal Approach to the Surgical Removal of Gliomas in Eloquent Brain Regions. , 0, , .		0