Franco Cauda

List of Publications by Year
in descending order

93 papers	5,082 citations	101543 36 h-index	98798 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. NeuroImage, 2011, 55, 8-23.	4.2	677
2	Meta-analytic clustering of the insular cortex. NeuroImage, 2012, 62, 343-355.	4.2	264
3	Altered Resting State in Diabetic Neuropathic Pain. PLoS ONE, 2009, 4, e4542.	2.5	194
4	Functional Connectivity and Coactivation of the Nucleus Accumbens: A Combined Functional Connectivity and Structure-Based Meta-analysis. Journal of Cognitive Neuroscience, 2011, 23, 2864-2877.	2.3	190
5	Gray matter alterations in chronic pain: A network-oriented meta-analytic approach. NeuroImage: Clinical, 2014, 4, 676-686.	2.7	169
6	Activation likelihood estimation metaâ€analysis of brain correlates of placebo analgesia in human experimental pain. Human Brain Mapping, 2013, 34, 738-752.	3.6	165
7	Grey matter abnormality in autism spectrum disorder: an activation likelihood estimation meta-analysis study. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1304-1313.	1.9	158
8	Different functions in the cingulate cortex, a meta-analytic connectivity modeling study. NeuroImage, 2011, 56, 2157-2172.	4.2	149
9	Collicular Vision Guides Nonconscious Behavior. Journal of Cognitive Neuroscience, 2010, 22, 888-902.	2.3	131
10	Unawareness of deficits in Alzheimerâ€™s disease: role of the cingulate cortex. Brain, 2011, 134, 1061-1076.	7.6	124
11	Disrupted intrinsic functional connectivity in the vegetative state. Journal of Neurology, Neurosurgery and Psychiatry, 2008, 80, 429-431.	1.9	121
12	Dynamic Changes in Amygdala Psychophysiological Connectivity Reveal Distinct Neural Networks for Facial Expressions of Basic Emotions. Scientific Reports, 2017, 7, 45260.	3.3	120
13	Altered resting state attentional networks in diabetic neuropathic pain. Journal of Neurology, Neurosurgery and Psychiatry, 2010, 81, 806-811.	1.9	116
14	Functional Connectivity of the Posteromedial Cortex. PLoS ONE, 2010, 5, e13107.	2.5	115
15	Motor imagery of walking following training in locomotor attention. The effect of â€˜the tango lessonâ€™. NeuroImage, 2006, 32, 1441-1449.	4.2	112
16	Low-frequency BOLD fluctuations demonstrate altered thalamocortical connectivity in diabetic neuropathic pain. BMC Neuroscience, 2009, 10, 138.	1.9	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. Acta Neurochirurgica, 2010, 152, 1835-1846.	1.7	102
18	The Neural Correlates of Time: A Meta-analysis of Neuroimaging Studies. Journal of Cognitive Neuroscience, 2019, 31, 1796-1826.	2.3	73

#	Article	IF	Citations
19	Temporal and spatial neural dynamics in the perception of basic emotions from complex scenes. Social Cognitive and Affective Neuroscience, 2014, 9, 1690-1703.	3.0	70
20	Functional anatomy of cortical areas characterized by Von Economo neurons. Brain Structure and Function, 2013, 218, 1-20.	2.3	67
21	Once you feel it, you see it: Insula and sensory-motor contribution to visual awareness for fearful bodies in parietal neglect. Cortex, 2015, 62, 56-72.	2.4	63
22	The neural correlates of happiness: A review of PET and fMRI studies using autobiographical recall methods. Cognitive, Affective and Behavioral Neuroscience, 2016, 16, 383-392.	2.0	62
23	White matter and schizophrenia: A meta-analysis of voxel-based morphometry and diffusion tensor imaging studies. Psychiatry Research - Neuroimaging, 2017, 270, 8-21.	1.8	61
24	Brain structural alterations are distributed following functional, anatomic and genetic connectivity. Brain, 2018, 141, 3211-3232.	7.6	61
25	Shared â€œCoreâ€•Areas between the Pain and Other Task-Related Networks. PLoS ONE, 2012, 7, e41929.	2.5	59
26	Multimodal fMRI Resting-State Functional Connectivity in Granulin Mutations: The Case of Fronto-Parietal Dementia. PLoS ONE, 2014, 9, e106500.	2.5	58
27	The morphometric coâ€atrophy networking of schizophrenia, autistic and obsessive spectrum disorders. Human Brain Mapping, 2018, 39, 1898-1928.	3.6	56
28	The homotopic connectivity of the functional brain: a meta-analytic approach. Scientific Reports, 2019, 9, 3346.	3.3	50
29	The Neural Correlates of Consciousness and Attention: Two Sister Processes of the Brain. Frontiers in Neuroscience, 2019, 13, 1169.	2.8	50
30	Concordance of white matter and gray matter abnormalities in autism spectrum disorders: A voxelâ€based metaâ€analysis study. Human Brain Mapping, 2014, 35, 2073-2098.	3.6	47
31	Route and survey processing of topographical memory during navigation. Psychological Research, 2010, 74, 545-559.	1.7	46
32	How do morphological alterations caused by chronic pain distribute across the brain? A meta-analytic co-alteration study. NeuroImage: Clinical, 2018, 18, 15-30.	2.7	45
33	Cerebellar Clustering and Functional Connectivity During Pain Processing. Cerebellum, 2016, 15, 343-356.	2.5	43
34	Linking coordinative and executive dysfunctions to atrophy in spinocerebellar ataxia 2 patients. Brain Structure and Function, 2011, 216, 275-288.	2.3	42
35	Virtual navigation for memory rehabilitation in a traumatic brain injured patient. Neurocase, 2012, 18, 123-131.	0.6	42
36	Evolutionary appearance of von EconomoÃ¢â‚¬â„¢s neurons in the mammalian cerebral cortex. Frontiers in Human Neuroscience, 2014, 8, 104.	2.0	41

#	Article	IF	Citations
37	Updating and characterizing neuroanatomical markers in high-risk subjects, recently diagnosed and chronic patients with schizophrenia: A revised coordinate-based meta-analysis. Neuroscience and Biobehavioral Reviews, 2021, 123, 83-103.	6.1	40
38	Looking for Neuroimaging Markers in Frontotemporal Lobar Degeneration Clinical Trials: A Multi-Voxel Pattern Analysis Study in Granulin Disease. Journal of Alzheimer's Disease, 2016, 51, 249-262.	2.6	39
39	Mindfulness meditation and consciousness: An integrative neuroscientific perspective. Consciousness and Cognition, 2016, 40, 67-78.	1.5	39
40	Discovering the somatotopic organization of the motor areas of the medial wall using lowâ€frequency bold fluctuations. Human Brain Mapping, 2011, 32, 1566-1579.	3.6	38
41	Action Observation Areas Represent Intentions From Subtle Kinematic Features. Cerebral Cortex, 2018, 28, 2647-2654.	2.9	36
42	Are schizophrenia, autistic, and obsessive spectrum disorders dissociable on the basis of neuroimaging morphological findings?: A voxelâ€based metaâ€analysis. Autism Research, 2017, 10, 1079-1095.	3.8	35
43	Mental number line disruption in a right-neglect patient after a left-hemisphere stroke. Brain and Cognition, 2009, 69, 81-88.	1.8	34
44	Parcellation of the cingulate cortex at rest and during tasks: a meta-analytic clustering and experimental study. Frontiers in Human Neuroscience, 2013, 7, 275.	2.0	34
45	Nucleus accumbens functional connectivity discriminates medication-overuse headache. NeuroImage: Clinical, 2016, 11, 686-693.	2.7	32
46	Drawing lines while imagining circles: Neural basis of the bimanual coupling effect during motor execution and motor imagery. NeuroImage, 2014, 88, 100-112.	4.2	30
47	Brain functional connectivity in individuals with callosotomy and agenesis of the corpus callosum: A systematic review. Neuroscience and Biobehavioral Reviews, 2019, 105, 231-248.	6.1	30
48	Reorganization and enhanced functional connectivity of motor areas in repetitive ankle movements after training in locomotor attention. Brain Research, 2009, 1297, 124-134.	2.2	28
49	A combined robotic and cognitive training for locomotor rehabilitation: evidences of cerebral functional reorganization in two chronic traumatic brain injured patients. Frontiers in Human Neuroscience, 2011, 5, 146.	2.0	28
50	Video game play changes spatial and verbal memory: rehabilitation of a single case with traumatic brain injury. Cognitive Processing, 2009, 10, 195-197.	1.4	27
51	Neural activity during production of rorschach responses: An fMRI study. Psychiatry Research - Neuroimaging, 2017, 262, 25-31.	1.8	27
52	Neuropathic pain in postâ€burn hypertrophic scars: A psychophysical and neurophysiological study. Muscle and Nerve, 2012, 45, 883-890.	2.2	25
53	The Pathoconnectivity Profile of Alzheimerâ€™s Disease: A Morphometric Coalteration Network Analysis. Frontiers in Neurology, 2018, 8, 739.	2.4	25
54	Disentangling predictive processing in the brain: a meta-analytic study in favour of a predictive network. Scientific Reports, 2021, 11, 16258.	3.3	23

#	Article	IF	Citations
55	Rehabilitation of Communicative Abilities in Patients with a History of TBI: Behavioral Improvements and Cerebral Changes in Resting-State Activity. Frontiers in Behavioral Neuroscience, 2016, 10, 48.	2.0	22
56	Human Movement Responses to the Rorschach and Mirroring Activity: An fMRI Study. Assessment, 2019, 26, 56-69.	3.1	21
57	Crossing the Line of Pain: fMRI Correlates of Crossed-Hands Analgesia. Journal of Pain, 2013, 14, 957-965.	1.4	19
58	Massive Modulation of Brain Areas After Mechanical Pain Stimulation: A Time-Resolved fMRI Study. Cerebral Cortex, 2014, 24, 2991-3005.	2.9	19
59	Brain pathology recapitulates physiology: A network meta-analysis. Communications Biology, 2021, 4, 301.	4.4	19
60	Bifocal extradural cortical stimulation-induced recovery of consciousness in the permanent post-traumatic vegetative state. Journal of Neurology, 2009, 256, 834-836.	3.6	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. Neurocase, 2014, 20, 615-626.	0.6	18
62	The alteration landscape of the cerebral cortex. NeuroImage, 2019, 184, 359-371.	4.2	18
63	Neural Correlates of Gender Differences in Reputation Building. PLoS ONE, 2014, 9, e106285.	2.5	17
64	Finding specificity in structural brain alterations through Bayesian reverse inference. Human Brain Mapping, 2020, 41, 4155-4172.	3.6	17
65	A meta-analytic approach to mapping co-occurrent grey matter volume increases and decreases in psychiatric disorders. NeuroImage, 2020, 222, 117220.	4.2	16
66	Tasks activating the default mode network map multiple functional systems. Brain Structure and Function, 2022, 227, 1711-1734.	2.3	16
67	Unawareness of bipolar disorder: the role of the cingulate cortex. Neurocase, 2015, 21, 438-447.	0.6	15
68	Gray matter abnormalities follow non-random patterns of co-alteration in autism: Meta-connectomic evidence. NeuroImage: Clinical, 2021, 30, 102583.	2.7	15
69	Multivariate analysis of brain metabolism reveals chemotherapy effects on prefrontal cerebellar system when related to dorsal attention network. EJNMMI Research, 2013, 3, 22.	2.5	14
70	How many clusters in the insular cortex?. Cerebral Cortex, 2013, 23, 2779-2780.	2.9	14
71	Node Detection Using High-Dimensional Fuzzy Parcellation Applied to the Insular Cortex. Neural Plasticity, 2016, 2016, 1-8.	2.2	14
72	Hubs of longâ€distance coâ€alteration characterize brain pathology. Human Brain Mapping, 2020, 41, 3878-3899.	3.6	14

#	Article	IF	Citations
73	BACON: A tool for reverse inference in brain activation and alteration. Human Brain Mapping, 2021, 42, 3343-3351.	3.6	14
74	Beyond the Ã¢â‚¬Å“Pain Matrix‚Ã¢â‚¬Â•inter-run synchronization during mechanical nociceptive stimulation. Frontiers in Human Neuroscience, 2014, 8, 265.	2.0	13
75	Functional Connectivity Networks in Asymptomatic and Symptomatic DYT1 Carriers. Movement Disorders, 2016, 31, 1739-1743.	3.9	12
76	Six actions to improve detection of critical features for neuroimaging coordinate-based meta-analysis preparation. Neuroscience and Biobehavioral Reviews, 2022, 137, 104659.	6.1	12
77	Low entropy maps as patterns of the pathological alteration specificity of brain regions: A meta-analysis dataset. Data in Brief, 2018, 21, 1483-1495.	1.0	10
78	Enhanced dynamic functional connectivity (whole-brain chronnectome) in chess experts. Scientific Reports, 2020, 10, 7051.	3.3	10
79	The pathoconnectivity network analysis of the insular cortex: A morphometric fingerprinting. NeuroImage, 2021, 225, 117481.	4.2	10
80	The Foraging Brain: Evidence of LÃ©vy Dynamics in Brain Networks. PLoS ONE, 2016, 11, e0161702.	2.5	9
81	Introducing the concept of neurobiological foundation of Rorschach responses using the example of Oral Dependent Language. Scandinavian Journal of Psychology, 2019, 60, 528-538.	1.5	9
82	The neural correlates of hedonic and eudaimonic happiness: An fMRI study. Neuroscience Letters, 2019, 712, 134491.	2.1	9
83	Complexity and Cognitive Engagement in the Rorschach Task: An fMRI Study. Journal of Personality Assessment, 2021, 103, 634-644.	2.1	9
84	Revealing the Selectivity of Neuroanatomical Alteration in Autism Spectrum Disorder via Reverse Inference. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2023, 8, 1075-1083.	1.5	7
85	A Bayesian Reanalysis of the Phase III Aducanumab (ADU) Trial. Journal of Alzheimer's Disease, 2022, , 1-4.	2.6	7
86	Bra.Di.P.O. and P.I.G.R.O.: Innovative Devices for Motor Learning Programs. Journal of Robotics, 2014, 2014, 1-12.	0.9	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. Brain, 2019, 142, e17-e17.	7.6	4
89	Beyond localized and distributed accounts of brain functions. Physics of Life Reviews, 2014, 11, 442-443.	2.8	3
90	An Automated Toolbox to Predict Single Subject Atrophy in Presymptomatic Granulin Mutation Carriers. Journal of Alzheimer's Disease, 2022, , 1-14.	2.6	3

#	Article	IF	Citations
91	A co-alteration parceling of the cingulate cortex. Brain Structure and Function, 2022, , 1.	2.3	2
92	Interhemispheric co-alteration of brain homotopic regions. Brain Structure and Function, 2021, 226, 2181-2204.	2.3	1
93	Multimodal Approach to the Surgical Removal of Gliomas in Eloquent Brain Regions. , 0, , .		0