

Tommaso Costa

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,240
citations

218381

26
h-index

253896

43
g-index

68
all docs

68
docs citations

68
times ranked

3611
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-analytic clustering of the insular cortex. <i>NeuroImage</i> , 2012, 62, 343-355.	2.1	264
2	Gray matter alterations in chronic pain: A network-oriented meta-analytic approach. <i>NeuroImage: Clinical</i> , 2014, 4, 676-686.	1.4	169
3	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
4	Pain anticipation: An activation likelihood estimation meta-analysis of brain imaging studies. <i>Human Brain Mapping</i> , 2015, 36, 1648-1661.	1.9	113
5	Distinct pathways of neural coupling for different basic emotions. <i>NeuroImage</i> , 2012, 59, 1804-1817.	2.1	78
6	EEG phase synchronization during emotional response to positive and negative film stimuli. <i>Neuroscience Letters</i> , 2006, 406, 159-164.	1.0	76
7	The Neural Correlates of Time: A Meta-analysis of Neuroimaging Studies. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1796-1826.	1.1	73
8	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
9	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
10	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
11	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
12	Brain structural alterations are distributed following functional, anatomic and genetic connectivity. <i>Brain</i> , 2018, 141, 3211-3232.	3.7	61
13	Shared "Core" Areas between the Pain and Other Task-Related Networks. <i>PLoS ONE</i> , 2012, 7, e41929.	1.1	59
14	The morphometric co-atrophy networking of schizophrenia, autistic and obsessive spectrum disorders. <i>Human Brain Mapping</i> , 2018, 39, 1898-1928.	1.9	56
15	The homotopic connectivity of the functional brain: a meta-analytic approach. <i>Scientific Reports</i> , 2019, 9, 3346.	1.6	50
16	The Neural Correlates of Consciousness and Attention: Two Sister Processes of the Brain. <i>Frontiers in Neuroscience</i> , 2019, 13, 1169.	1.4	50
17	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
18	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

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19	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
20	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
21	Mindfulness meditation and consciousness: An integrative neuroscientific perspective. <i>Consciousness and Cognition</i> , 2016, 40, 67-78.	0.8	39
22	Action Observation Areas Represent Intentions From Subtle Kinematic Features. <i>Cerebral Cortex</i> , 2018, 28, 2647-2654.	1.6	36
23	Relationship between adult attachment patterns, emotional experience and EEG frontal asymmetry. <i>Personality and Individual Differences</i> , 2008, 44, 909-920.	1.6	35
24	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
25	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
26	Boredom begets creativity: A solution to the exploitation-exploration trade-off in predictive coding. <i>BioSystems</i> , 2017, 162, 168-176.	0.9	30
27	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
28	The Pathoconnectivity Profile of Alzheimer's Disease: A Morphometric Coalteration Network Analysis. <i>Frontiers in Neurology</i> , 2018, 8, 739.	1.1	25
29	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
30	Gaussian Mixture Model of Heart Rate Variability. <i>PLoS ONE</i> , 2012, 7, e37731.	1.1	21
31	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
32	Cognitive Pragmatic Rehabilitation Program in Schizophrenia: A Single Case fMRI Study. <i>Neural Plasticity</i> , 2017, 2017, 1-9.	1.0	19
33	Brain pathology recapitulates physiology: A network meta-analysis. <i>Communications Biology</i> , 2021, 4, 301.	2.0	19
34	The alteration landscape of the cerebral cortex. <i>NeuroImage</i> , 2019, 184, 359-371.	2.1	18
35	Finding specificity in structural brain alterations through Bayesian reverse inference. <i>Human Brain Mapping</i> , 2020, 41, 4155-4172.	1.9	17
36	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

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37	Tasks activating the default mode network map multiple functional systems. <i>Brain Structure and Function</i> , 2022, 227, 1711-1734.	1.2	16
38	Functional neuroanatomy of blindsight revealed by activation likelihood estimation meta-analysis. <i>Neuropsychologia</i> , 2019, 128, 109-118.	0.7	15
39	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
40	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
41	Node Detection Using High-Dimensional Fuzzy Parcellation Applied to the Insular Cortex. <i>Neural Plasticity</i> , 2016, 2016, 1-8.	1.0	14
42	Hubs of long-distance co-alteration characterize brain pathology. <i>Human Brain Mapping</i> , 2020, 41, 3878-3899.	1.9	14
43	BACON: A tool for reverse inference in brain activation and alteration. <i>Human Brain Mapping</i> , 2021, 42, 3343-3351.	1.9	14
44	Beyond the "Pain Matrix," inter-run synchronization during mechanical nociceptive stimulation. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 265.	1.0	13
45	The Hurst exponent of cardiac response to positive and negative emotional film stimuli using wavelet. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2009, 151, 183-185.	1.4	12
46	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
47	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
48	The pathoconnectivity network analysis of the insular cortex: A morphometric fingerprinting. <i>NeuroImage</i> , 2021, 225, 117481.	2.1	10
49	Basic emotions: Differences in time sequence and functional imaging with low resolution brain electrical tomography (LORETA). <i>Nature Precedings</i> , 2011, , .	0.1	9
50	The Foraging Brain: Evidence of Levy Dynamics in Brain Networks. <i>PLoS ONE</i> , 2016, 11, e0161702.	1.1	9
51	The neural correlates of hedonic and eudaimonic happiness: An fMRI study. <i>Neuroscience Letters</i> , 2019, 712, 134491.	1.0	9
52	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
53	A Bayesian Reanalysis of the Phase III Aducanumab (ADU) Trial. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-4.	1.2	7
54	Modifications of the Poggendorff effect as a function of random dot textures between the verticals. <i>Perception & Psychophysics</i> , 1994, 55, 505-512.	2.3	6

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55	Heterogeneous neuroimaging findings, damage propagation and connectivity: an integrative view. <i>Brain</i> , 2019, 142, e17-e17.	3.7	4
56	Beyond localized and distributed accounts of brain functions. <i>Physics of Life Reviews</i> , 2014, 11, 442-443.	1.5	3
57	Developmental Topographical Disorientation With Concurrent Face Recognition Deficit: A Case Report. <i>Frontiers in Psychiatry</i> , 2021, 12, 654071.	1.3	3
58	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
59	A co-alteration parceling of the cingulate cortex. <i>Brain Structure and Function</i> , 2022, , 1.	1.2	2
60	A statistical mechanical problem?. <i>Frontiers in Psychology</i> , 2014, 5, 947.	1.1	1
61	Interhemispheric co-alteration of brain homotopic regions. <i>Brain Structure and Function</i> , 2021, 226, 2181-2204.	1.2	1