

# Enrico Amico

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/816228/publications.pdf>

Version: 2024-02-01

44  
papers

2,125  
citations

331642  
21  
h-index

289230  
40  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain structure-function coupling provides signatures for task decoding and individual fingerprinting. <i>NeuroImage</i> , 2022, 250, 118970.	4.2	37
2	The progressive loss of brain network fingerprints in Amyotrophic Lateral Sclerosis predicts clinical impairment. <i>NeuroImage: Clinical</i> , 2022, 35, 103095.	2.7	14
3	The kinectome: A comprehensive kinematic map of human motion in health and disease. <i>Annals of the New York Academy of Sciences</i> , 2022, 1516, 247-261.	3.8	6
4	A morphospace of functional configuration to assess configural breadth based on brain functional networks. <i>Network Neuroscience</i> , 2021, 5, 666-688.	2.6	5
5	Optimizing differential identifiability improves connectome predictive modeling of cognitive deficits from functional connectivity in Alzheimer's disease. <i>Human Brain Mapping</i> , 2021, 42, 3500-3516.	3.6	18
6	Toward an information theoretical description of communication in brain networks. <i>Network Neuroscience</i> , 2021, 5, 1-20.	2.6	15
7	Geodesic Distance on Optimally Regularized Functional Connectomes Uncovers Individual Fingerprints. <i>Brain Connectivity</i> , 2021, 11, 333-348.	1.7	15
8	Improving Functional Connectome Fingerprinting with Degree-Normalization. <i>Brain Connectivity</i> , 2021, , .	1.7	1
9	Clinical connectome fingerprints of cognitive decline. <i>NeuroImage</i> , 2021, 238, 118253.	4.2	31
10	Exploring MEG brain fingerprints: Evaluation, pitfalls, and interpretations. <i>NeuroImage</i> , 2021, 240, 118331.	4.2	41
11	When makes you unique: Temporality of the human brain fingerprint. <i>Science Advances</i> , 2021, 7, eabj0751.	10.3	54
12	The physics of higher-order interactions in complex systems. <i>Nature Physics</i> , 2021, 17, 1093-1098.	16.7	287
13	Towards fingerprinting and identifiability within the Alzheimer's continuum using resting-state functional connectivity. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0
14	Modeling Communication Processes in the Human Connectome through Cooperative Learning. <i>IEEE Transactions on Network Science and Engineering</i> , 2020, 7, 476-488.	6.4	11
15	The disengaging brain: Dynamic transitions from cognitive engagement and alcoholism risk. <i>NeuroImage</i> , 2020, 209, 116515.	4.2	16
16	Brain-wide structural connectivity alterations under the control of Alzheimer risk genes. <i>International Journal of Computational Biology and Drug Design</i> , 2020, 13, 58.	0.3	6
17	GEFF: Graph embedding for functional fingerprinting. <i>NeuroImage</i> , 2020, 221, 117181.	4.2	28
18	Multi-timescale hybrid components of the functional brain connectome: A bimodal EEG-fMRI decomposition. <i>Network Neuroscience</i> , 2020, 4, 658-677.	2.6	15

#	ARTICLE	IF	CITATIONS
19	Uncovering differential identifiability in network properties of human brain functional connectomes. Network Neuroscience, 2020, 4, 698-713.	2.6	15
20	Brain-wide structural connectivity alterations under the control of Alzheimer risk genes. International Journal of Computational Biology and Drug Design, 2020, 13, 58.	0.3	7
21	Uncovering multi-site identifiability based on resting-state functional connectomes. NeuroImage, 2019, 202, 115967.	4.2	41
22	Centralized and distributed cognitive task processing in the human connectome. Network Neuroscience, 2019, 3, 455-474.	2.6	30
23	Multifaceted brain networks reconfiguration in disorders of consciousness uncovered by coactivation patterns. Human Brain Mapping, 2018, 39, 89-103.	3.6	49
24	Dynamic Generative Model of the Human Brain in Resting-State. Studies in Computational Intelligence, 2018,, 1271-1283.	0.9	1
25	Global structural integrity and effective connectivity in patients with disorders of consciousness. Brain Stimulation, 2018, 11, 358-365.	1.6	39
26	Mapping hybrid functional-structural connectivity traits in the human connectome. Network Neuroscience, 2018, 2, 306-322.	2.6	58
27	The quest for identifiability in human functional connectomes. Scientific Reports, 2018, 8, 8254.	3.3	184
28	Mapping higher-order relations between brain structure and function with embedded vector representations of connectomes. Nature Communications, 2018, 9, 2178.	12.8	95
29	Joint exploration and mining of memory-relevant brain anatomic and connectomic patterns via a three-way association model. , 2018, 2018, 6-9.		4
30	Heritability Estimation of Reliable Connectomic Features. Lecture Notes in Computer Science, 2018, 11083, 58-66.	1.3	8
31	Mapping the functional connectome traits of levels of consciousness. NeuroImage, 2017, 148, 201-211.	4.2	109
32	Tracking Dynamic Interactions Between Structural and Functional Connectivity: A TMS/EEG-dMRI Study. Brain Connectivity, 2017, 7, 84-97.	1.7	23
33	Cognitive complaints in older adults at risk for Alzheimer's disease are associated with altered resting-state networks. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 6, 40-49.	2.4	52
34	Ising model with conserved magnetization on the human connectome: Implications on the relation structure-function in wakefulness and anesthesia. Chaos, 2017, 27, 047407.	2.5	31
35	Functional Connectivity Substrates for tDCS Response in Minimally Conscious State Patients. Frontiers in Cellular Neuroscience, 2016, 10, 257.	3.7	42
36	Functional structure connectivity in patients with severe brain injury as measured by MRI-dWI and FDG-PET. Human Brain Mapping, 2016, 37, 3707-3720.	3.6	44

#	ARTICLE	IF	CITATIONS
37	Neural correlates of consciousness in patients who have emerged from a minimally conscious state: a cross-sectional multimodal imaging study. <i>Lancet Neurology</i> , The, 2016, 15, 830-842.	10.2	193
38	Large-scale signatures of unconsciousness are consistent with a departure from critical dynamics. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20151027.	3.4	148
39	Measuring Consciousness Through Imaging. , 2016, , 51-65.		5
40	Cortical reorganization in an astronaut's brain after long-duration spaceflight. <i>Brain Structure and Function</i> , 2016, 221, 2873-2876.	2.3	103
41	Investigating dynamical information transfer in the brain following a TMS pulse: Insights from structural architecture. , 2015, 2015, 5396-9.		1
42	An independent SSVEP-based brain-computer interface in locked-in syndrome. <i>Journal of Neural Engineering</i> , 2014, 11, 035002.	3.5	99
43	Posterior Cingulate Cortex-Related Co-Activation Patterns: A Resting State fMRI Study in Propofol-Induced Loss of Consciousness. <i>PLoS ONE</i> , 2014, 9, e100012.	2.5	94
44	Technology-based assessment in patients with disorders of consciousness. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2014, 50, 209-20.	0.4	11