

# Victor M Vergara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2109460/publications.pdf>

Version: 2024-02-01

58  
papers

1,257  
citations

394421

19  
h-index

414414

32  
g-index

64  
all docs

64  
docs citations

64  
times ranked

1901  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Mild Traumatic Brain Injury by Machine Learning Classification Using Resting State Functional Network Connectivity and Fractional Anisotropy. <i>Journal of Neurotrauma</i> , 2017, 34, 1045-1053.	3.4	108
2	Resting-state functional network connectivity in prefrontal regions differs between unmedicated patients with bipolar and major depressive disorders. <i>Journal of Affective Disorders</i> , 2016, 190, 483-493.	4.1	102
3	Alterations of resting state functional network connectivity in the brain of nicotine and alcohol users. <i>NeuroImage</i> , 2017, 151, 45-54.	4.2	90
4	Dynamic functional network connectivity discriminates mild traumatic brain injury through machine learning. <i>NeuroImage: Clinical</i> , 2018, 19, 30-37.	2.7	82
5	Acute ischaemic stroke alters the brain's preference for distinct dynamic connectivity states. <i>Brain</i> , 2020, 143, 1525-1540.	7.6	71
6	The Impact of Combinations of Alcohol, Nicotine, and Cannabis on Dynamic Brain Connectivity. <i>Neuropsychopharmacology</i> , 2018, 43, 877-890.	5.4	54
7	Aberrant functional network connectivity in psychopathy from a large ( $N=985$ ) forensic sample. <i>Human Brain Mapping</i> , 2018, 39, 2624-2634.	3.6	51
8	The effect of preprocessing pipelines in subject classification and detection of abnormal resting state functional network connectivity using group ICA. <i>NeuroImage</i> , 2017, 145, 365-376.	4.2	49
9	A three-way parallel ICA approach to analyze links among genetics, brain structure and brain function. <i>NeuroImage</i> , 2014, 98, 386-394.	4.2	47
10	Dynamic functional network connectivity in Huntington's disease and its associations with motor and cognitive measures. <i>Human Brain Mapping</i> , 2019, 40, 1955-1968.	3.6	46
11	Age-related structural and functional variations in 5,967 individuals across the adult lifespan. <i>Human Brain Mapping</i> , 2020, 41, 1725-1737.	3.6	46
12	Whole-Brain Connectivity in a Large Study of Huntington's Disease Gene Mutation Carriers and Healthy Controls. <i>Brain Connectivity</i> , 2018, 8, 166-178.	1.7	39
13	Determining the number of states in dynamic functional connectivity using cluster validity indexes. <i>Journal of Neuroscience Methods</i> , 2020, 337, 108651.	2.5	39
14	An average sliding window correlation method for dynamic functional connectivity. <i>Human Brain Mapping</i> , 2019, 40, 2089-2103.	3.6	38
15	Resting-state fMRI dynamic functional network connectivity and associations with psychopathy traits. <i>NeuroImage: Clinical</i> , 2019, 24, 101970.	2.7	33
16	A Schizophrenia-Related Genetic-Brain-Cognition Pathway Revealed in a Large Chinese Population. <i>EBioMedicine</i> , 2018, 37, 471-482.	6.1	31
17	The effect of preprocessing in dynamic functional network connectivity used to classify mild traumatic brain injury. <i>Brain and Behavior</i> , 2017, 7, e00809.	2.2	30
18	Functional outcome is tied to dynamic brain states after mild to moderate traumatic brain injury. <i>Human Brain Mapping</i> , 2020, 41, 617-631.	3.6	26

#	ARTICLE	IF	CITATIONS
19	Reward Processing in Novelty Seekers: A Transdiagnostic Psychiatric Imaging Biomarker. <i>Biological Psychiatry</i> , 2021, 90, 529-539.	1.3	25
20	An information theory framework for dynamic functional domain connectivity. <i>Journal of Neuroscience Methods</i> , 2017, 284, 103-111.	2.5	20
21	Characterizing Whole Brain Temporal Variation of Functional Connectivity via Zero and First Order Derivatives of Sliding Window Correlations. <i>Frontiers in Neuroscience</i> , 2019, 13, 634.	2.8	17
22	Dynamic connectivity predicts acute motor impairment and recovery post-stroke. <i>Brain Communications</i> , 2021, 3, fcab227.	3.3	17
23	The relevance of transdiagnostic shared networks to the severity of symptoms and cognitive deficits in schizophrenia: a multimodal brain imaging fusion study. <i>Translational Psychiatry</i> , 2020, 10, 149.	4.8	16
24	A method to assess randomness of functional connectivity matrices. <i>Journal of Neuroscience Methods</i> , 2018, 303, 146-158.	2.5	14
25	Brain function, structure and genomic data are linked but show different sensitivity to duration of illness and disease stage in schizophrenia. <i>NeuroImage: Clinical</i> , 2019, 23, 101887.	2.7	14
26	Detection of prenatal alcohol exposure using machine learning classification of resting-state functional network connectivity data. <i>Alcohol</i> , 2021, 93, 25-34.	1.7	14
27	Decreased Cross-Domain Mutual Information in Schizophrenia From Dynamic Connectivity States. <i>Frontiers in Neuroscience</i> , 2019, 13, 873.	2.8	11
28	Three-way parallel group independent component analysis: Fusion of spatial and spatiotemporal magnetic resonance imaging data. <i>Human Brain Mapping</i> , 2022, 43, 1280-1294.	3.6	10
29	Detection of relationships among multi-modal brain imaging meta-features via information flow. <i>Journal of Neuroscience Methods</i> , 2018, 294, 72-80.	2.5	9
30	Meta-Modal Information Flow: A Method for Capturing Multimodal Modular Disconnectivity in Schizophrenia. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 2572-2584.	4.2	9
31	Association Between Copy Number Variation Losses and Alcohol Dependence Across African American and European American Ethnic Groups. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1266-1274.	2.4	8
32	Graph Modularity and Randomness Measures : A Comparative Study. , 2018, , .		8
33	Modular and state-relevant functional network connectivity in high-frequency eyes open vs eyes closed resting fMRI data. <i>Journal of Neuroscience Methods</i> , 2021, 358, 109202.	2.5	8
34	Randomness in resting state functional connectivity matrices. , 2016, 2016, 5563-5566.		6
35	Altered Domain Functional Network Connectivity Strength and Randomness in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2019, 10, 499.	2.6	6
36	Harmonization of Multi-site Dynamic Functional Connectivity Network Data. , 2021, , .		6

#	ARTICLE	IF	CITATIONS
37	A resting-state fMRI pattern of spinocerebellar ataxia type 3 and comparison with 18F-FDG PET. <i>NeuroImage: Clinical</i> , 2022, 34, 103023.	2.7	6
38	The chronnectome as a model for Charcot's "dynamic lesion" in functional movement disorders. <i>NeuroImage: Clinical</i> , 2020, 28, 102381.	2.7	5
39	Disruptions in global network segregation and integration in adolescents and young adults with fetal alcohol spectrum disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 1775-1789.	2.4	5
40	Multiframe Evolving Dynamic Functional Connectivity (EVOdFNC): A Method for Constructing and Investigating Functional Brain Motifs. <i>Frontiers in Neuroscience</i> , 2022, 16, 770468.	2.8	5
41	The impact of data preprocessing in traumatic brain injury detection using functional magnetic resonance imaging. , 2015, 2015, 5432-5.		4
42	Filtered correlation and allowed frequency spectra in dynamic functional connectivity. <i>Journal of Neuroscience Methods</i> , 2020, 343, 108837.	2.5	4
43	A Decentralized ComBat Algorithm and Applications to Functional Network Connectivity. <i>Frontiers in Neurology</i> , 2022, 13, 826734.	2.4	4
44	Identifying Alcohol Use Disorder With Resting State Functional Magnetic Resonance Imaging Data: A Comparison Among Machine Learning Classifiers. <i>Frontiers in Psychology</i> , 0, 13, .	2.1	4
45	Comparative usability studies of full vs. partial immersive virtual reality simulation for medical education and training. <i>Studies in Health Technology and Informatics</i> , 2008, 132, 372-7.	0.3	3
46	Brain language: Uncovering functional connectivity codes. , 2017, , .		2
47	3-way Parallel Fusion of Spatial (sMRI/dMRI) and Spatio-temporal (fMRI) Data with Application to Schizophrenia. , 2021, , .		2
48	Waterfilling Estimation for AWGN MIMO Channel Modeled as a Random Matrix. <i>Journal of Communications</i> , 2008, 3, .	1.6	2
49	Increased Randomness of Functional Network Connectivity in Nicotine and Alcohol Consumers. , 2018, 2018, 1011-1014.		1
50	Flatland sound services design supports virtual medical training simulations. <i>Studies in Health Technology and Informatics</i> , 2006, 119, 559-64.	0.3	1
51	Evidence for Transcranial Magnetic Stimulation Induced Functional Connectivity Oscillations in the Brain. , 2021, 2021, 1407-1411.		1
52	Three-way parallel independent component analysis for imaging genetics using multi-objective optimization. , 2014, 2014, 6651-4.		0
53	Weak Mutual Information Between Functional Domains in Schizophrenia. , 2018, , .		0
54	Resting-State Functional Connectivity Imaging and Nicotine Dependence. , 2019, , 119-126.		0

#	ARTICLE	IF	CITATIONS
55	A Method for Analyzing Abnormal Integration Between the Brain Regions in Schizophrenia. Biological Psychiatry, 2020, 87, S136.	1.3	0
56	Nicotine Addiction Decreases Dynamic Connectivity Frequency In Functional Magnetic Resonance Imaging. , 2020, , .		0
57	Can Machine Learning fMRI Be A Computer Aided Diagnosis Tool For Brain Diseases?. , 2018, , .		0
58	Transforming an educational virtual reality simulation into a work of fine art. Studies in Health Technology and Informatics, 2008, 132, 348-50.	0.3	0