

Victor M Vergara

List of Publications by Year in descending order

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58
papers

1,257
citations

394421

19
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414414

32
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64
all docs

64
docs citations

64
times ranked

1901
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A Decentralized ComBat Algorithm and Applications to Functional Network Connectivity. <i>Frontiers in Neurology</i> , 2022, 13, 826734.	2.4	4
3	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
4	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
5	3-way Parallel Fusion of Spatial (sMRI/dMRI) and Spatio-temporal (fMRI) Data with Application to Schizophrenia. , 2021, , .		2
6	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
7	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
8	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
9	Dynamic connectivity predicts acute motor impairment and recovery post-stroke. <i>Brain Communications</i> , 2021, 3, fcab227.	3.3	17
10	Reward Processing in Novelty Seekers: A Transdiagnostic Psychiatric Imaging Biomarker. <i>Biological Psychiatry</i> , 2021, 90, 529-539.	1.3	25
11	Harmonization of Multi-site Dynamic Functional Connectivity Network Data. , 2021, , .		6
12	Evidence for Transcranial Magnetic Stimulation Induced Functional Connectivity Oscillations in the Brain. , 2021, 2021, 1407-1411.		1
13	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
14	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
15	A Method for Analyzing Abnormal Integration Between the Brain Regions in Schizophrenia. <i>Biological Psychiatry</i> , 2020, 87, S136.	1.3	0
16	The chronnectome as a model for Charcot's dynamic lesion in functional movement disorders. <i>NeuroImage: Clinical</i> , 2020, 28, 102381.	2.7	5
17	Acute ischaemic stroke alters the brain's preference for distinct dynamic connectivity states. <i>Brain</i> , 2020, 143, 1525-1540.	7.6	71
18	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

#	ARTICLE	IF	CITATIONS
19	Nicotine Addiction Decreases Dynamic Connectivity Frequency In Functional Magnetic Resonance Imaging. , 2020, , .		0
20	Filtered correlation and allowed frequency spectra in dynamic functional connectivity. Journal of Neuroscience Methods, 2020, 343, 108837.	2.5	4
21	Determining the number of states in dynamic functional connectivity using cluster validity indexes. Journal of Neuroscience Methods, 2020, 337, 108651.	2.5	39
22	Meta-Modal Information Flow: A Method for Capturing Multimodal Modular Disconnectivity in Schizophrenia. IEEE Transactions on Biomedical Engineering, 2020, 67, 2572-2584.	4.2	9
23	Resting-state fMRI dynamic functional network connectivity and associations with psychopathy traits. NeuroImage: Clinical, 2019, 24, 101970.	2.7	33
24	Decreased Cross-Domain Mutual Information in Schizophrenia From Dynamic Connectivity States. Frontiers in Neuroscience, 2019, 13, 873.	2.8	11
25	Characterizing Whole Brain Temporal Variation of Functional Connectivity via Zero and First Order Derivatives of Sliding Window Correlations. Frontiers in Neuroscience, 2019, 13, 634.	2.8	17
26	Altered Domain Functional Network Connectivity Strength and Randomness in Schizophrenia. Frontiers in Psychiatry, 2019, 10, 499.	2.6	6
27	An average sliding window correlation method for dynamic functional connectivity. Human Brain Mapping, 2019, 40, 2089-2103.	3.6	38
28	Brain function, structure and genomic data are linked but show different sensitivity to duration of illness and disease stage in schizophrenia. NeuroImage: Clinical, 2019, 23, 101887.	2.7	14
29	Resting-State Functional Connectivity Imaging and Nicotine Dependence. , 2019, , 119-126.		0
30	Dynamic functional network connectivity in Huntington's disease and its associations with motor and cognitive measures. Human Brain Mapping, 2019, 40, 1955-1968.	3.6	46
31	Aberrant functional network connectivity in psychopathy from a large ($N=985$) forensic sample. Human Brain Mapping, 2018, 39, 2624-2634.	3.6	51
32	Whole-Brain Connectivity in a Large Study of Huntington's Disease Gene Mutation Carriers and Healthy Controls. Brain Connectivity, 2018, 8, 166-178.	1.7	39
33	A method to assess randomness of functional connectivity matrices. Journal of Neuroscience Methods, 2018, 303, 146-158.	2.5	14
34	Dynamic functional network connectivity discriminates mild traumatic brain injury through machine learning. NeuroImage: Clinical, 2018, 19, 30-37.	2.7	82
35	Detection of relationships among multi-modal brain imaging meta-features via information flow. Journal of Neuroscience Methods, 2018, 294, 72-80.	2.5	9
36	The Impact of Combinations of Alcohol, Nicotine, and Cannabis on Dynamic Brain Connectivity. Neuropsychopharmacology, 2018, 43, 877-890.	5.4	54

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37	Weak Mutual Information Between Functional Domains in Schizophrenia. , 2018, , .		0
38	Increased Randomness of Functional Network Connectivity in Nicotine and Alcohol Consumers. , 2018, 2018, 1011-1014.		1
39	A Schizophrenia-Related Genetic-Brain-Cognition Pathway Revealed in a Large Chinese Population. EBioMedicine, 2018, 37, 471-482.	6.1	31
40	Graph Modularity and Randomness Measures : A Comparative Study. , 2018, , .		8
41	Can Machine Learning fMRI Be A Computer Aided Diagnosis Tool For Brain Diseases?. , 2018, , .		0
42	The effect of preprocessing pipelines in subject classification and detection of abnormal resting state functional network connectivity using group ICA. NeuroImage, 2017, 145, 365-376.	4.2	49
43	An information theory framework for dynamic functional domain connectivity. Journal of Neuroscience Methods, 2017, 284, 103-111.	2.5	20
44	The effect of preprocessing in dynamic functional network connectivity used to classify mild traumatic brain injury. Brain and Behavior, 2017, 7, e00809.	2.2	30
45	Alterations of resting state functional network connectivity in the brain of nicotine and alcohol users. NeuroImage, 2017, 151, 45-54.	4.2	90
46	Detection of Mild Traumatic Brain Injury by Machine Learning Classification Using Resting State Functional Network Connectivity and Fractional Anisotropy. Journal of Neurotrauma, 2017, 34, 1045-1053.	3.4	108
47	Brain language: Uncovering functional connectivity codes. , 2017, , .		2
48	Randomness in resting state functional connectivity matrices. , 2016, 2016, 5563-5566.		6
49	Resting-state functional network connectivity in prefrontal regions differs between unmedicated patients with bipolar and major depressive disorders. Journal of Affective Disorders, 2016, 190, 483-493.	4.1	102
50	The impact of data preprocessing in traumatic brain injury detection using functional magnetic resonance imaging. , 2015, 2015, 5432-5.		4
51	Three-way parallel independent component analysis for imaging genetics using multi-objective optimization. , 2014, 2014, 6651-4.		0
52	Association Between Copy Number Variation Losses and Alcohol Dependence Across African American and European American Ethnic Groups. Alcoholism: Clinical and Experimental Research, 2014, 38, 1266-1274.	2.4	8
53	A three-way parallel ICA approach to analyze links among genetics, brain structure and brain function. NeuroImage, 2014, 98, 386-394.	4.2	47
54	Waterfilling Estimation for AWGN MIMO Channel Modeled as a Random Matrix. Journal of Communications, 2008, 3, .	1.6	2

#	ARTICLE	IF	CITATIONS
55	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
56	Comparative usability studies of full vs. partial immersive virtual reality simulation for medical education and training. Studies in Health Technology and Informatics, 2008, 132, 372-7.	0.3	3
57	Flatland sound services design supports virtual medical training simulations. Studies in Health Technology and Informatics, 2006, 119, 559-64.	0.3	1
58	Identifying Alcohol Use Disorder With Resting State Functional Magnetic Resonance Imaging Data: A Comparison Among Machine Learning Classifiers. Frontiers in Psychology, 0, 13, .	2.1	4