

Giovanni Schifitto

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,763
citations

394421

19
h-index

276875

41
g-index

49
all docs

49
docs citations

49
times ranked

2271
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of combination antiretroviral therapy on cerebrospinal fluid HIV RNA and neurocognitive performance. <i>Aids</i> , 2009, 23, 1359-1366.	2.2	305
2	Persistence of HIV-associated cognitive impairment, inflammation, and neuronal injury in era of highly active antiretroviral treatment. <i>Aids</i> , 2011, 25, 625-633.	2.2	300
3	Memantine and HIV-associated cognitive impairment: a neuropsychological and proton magnetic resonance spectroscopy study. <i>Aids</i> , 2007, 21, 1877-1886.	2.2	141
4	Lithium therapy for human immunodeficiency virus type 1-associated neurocognitive impairment. <i>Journal of NeuroVirology</i> , 2009, 15, 176-186.	2.1	90
5	Patterns of white matter injury in HIV infection after partial immune reconstitution: a DTI tract-based spatial statistics study. <i>Journal of NeuroVirology</i> , 2013, 19, 10-23.	2.1	79
6	Progressive cerebral injury in the setting of chronic HIV infection and antiretroviral therapy. <i>Journal of NeuroVirology</i> , 2013, 19, 209-218.	2.1	71
7	A common neural signature of brain injury in concussion and subconcussion. <i>Science Advances</i> , 2019, 5, eaau3460.	10.3	71
8	Cerebral metabolite abnormalities in human immunodeficiency virus are associated with cortical and subcortical volumes. <i>Journal of NeuroVirology</i> , 2010, 16, 435-444.	2.1	65
9	The CREST-E study of creatine for Huntington disease. <i>Neurology</i> , 2017, 89, 594-601.	1.1	59
10	Conventional pulse transit times as markers of blood pressure changes in humans. <i>Scientific Reports</i> , 2020, 10, 16373.	3.3	49
11	Senescent Phenotype Induced by p90RSK-NRF2 Signaling Sensitizes Monocytes and Macrophages to Oxidative Stress in HIV-Positive Individuals. <i>Circulation</i> , 2019, 139, 1199-1216.	1.6	45
12	Combination antiretroviral therapy improves cognitive performance and functional connectivity in treatment-naïve HIV-infected individuals. <i>Journal of NeuroVirology</i> , 2017, 23, 704-712.	2.1	44
13	Deep Phenotyping of Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2020, 10, 855-873.	2.8	42
14	Alteration of brain network topology in HIV-associated neurocognitive disorder: A novel functional connectivity perspective. <i>NeuroImage: Clinical</i> , 2018, 17, 768-777.	2.7	37
15	Simulation of changes in diffusion related to different pathologies at cellular level after traumatic brain injury. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 290-300.	3.0	36
16	Principal Strain Vascular Elastography: Simulation and Preliminary Clinical Evaluation. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 682-699.	1.5	33
17	Automated diagnosis of HIV-associated neurocognitive disorders using large-scale Granger causality analysis of resting-state functional MRI. <i>Computers in Biology and Medicine</i> , 2019, 106, 24-30.	7.0	31
18	Mexiletine in Myotonic Dystrophy Type 1. <i>Neurology</i> , 2021, 96, e228-e240.	1.1	27

#	ARTICLE	IF	CITATIONS
19	Progressive brain atrophy in chronically infected and treated HIV+ individuals. <i>Journal of NeuroVirology</i> , 2019, 25, 342-353.	2.1	26
20	Platelets function as an acute viral reservoir during HIV-1 infection by harboring virus and T-cell complex formation. <i>Blood Advances</i> , 2020, 4, 4512-4521.	5.2	21
21	Detecting cognitive impairment in HIV-infected individuals using mutual connectivity analysis of resting state functional MRI. <i>Journal of NeuroVirology</i> , 2020, 26, 188-200.	2.1	19
22	Noninvasive carotid artery elastography using multielement synthetic aperture imaging: Phantom and <i>in vivo</i> evaluation. <i>Medical Physics</i> , 2017, 44, 4068-4082.	3.0	18
23	Mutual connectivity analysis of resting-state functional MRI data with local models. <i>NeuroImage</i> , 2018, 178, 210-223.	4.2	18
24	The Aging Imageomics Study: rationale, design and baseline characteristics of the study population. <i>Mechanisms of Ageing and Development</i> , 2020, 189, 111257.	4.6	18
25	Nucleus-mitochondria positive feedback loop formed by ERK5 S496 phosphorylation-mediated poly (ADP-ribose) polymerase activation provokes persistent pro-inflammatory senescent phenotype and accelerates coronary atherosclerosis after chemo-radiation. <i>Redox Biology</i> , 2021, 47, 102132.	9.0	17
26	Cognitive, Psychiatric, and Quality of Life Outcomes in Adult Survivors of Extracorporeal Membrane Oxygenation Therapy: A Scoping Review of the Literature. <i>Critical Care Medicine</i> , 2020, 48, e959-e970.	0.9	15
27	Visualizing Angle-Independent Principal Strains in the Longitudinal View of the Carotid Artery: Phantom and <i>In Vivo</i> Evaluation. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 1379-1391.	1.5	14
28	Increased risk for cerebral small vessel disease is associated with quantitative susceptibility mapping in HIV infected and uninfected individuals. <i>NeuroImage: Clinical</i> , 2021, 32, 102786.	2.7	8
29	Magnetic Resonance Imaging in Childhood Primary Hypertension. <i>Hypertension</i> , 2021, 77, 751-758.	2.7	7
30	A longitudinal analysis of brain extracellular free water in HIV infected individuals. <i>Scientific Reports</i> , 2021, 11, 8273.	3.3	7
31	Pathomechanisms of HIV-Associated Cerebral Small Vessel Disease: A Comprehensive Clinical and Neuroimaging Protocol and Analysis Pipeline. <i>Frontiers in Neurology</i> , 2020, 11, 595463.	2.4	6
32	Effect of Dolutegravir and Sertraline on the Blood Brain Barrier (BBB). <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 7-9.	4.1	5
33	Whole-brain computational modeling reveals disruption of microscale brain dynamics in HIV infected individuals. <i>Human Brain Mapping</i> , 2021, 42, 95-109.	3.6	5
34	Molecular characterization of atherosclerosis in HIV positive persons. <i>Scientific Reports</i> , 2021, 11, 3232.	3.3	5
35	Functional MRI Correlates of Sleep Quality in HIV. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 291-301.	2.7	5
36	Functional and structural connectivity of the amygdala underpins locus of control in mild cognitive impairment. <i>NeuroImage: Clinical</i> , 2018, 20, 297-304.	2.7	4

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37	A multivoxel pattern analysis framework with mutual connectivity analysis investigating changes in resting state connectivity in patients with HIV associated neurocognitive disorder. Magnetic Resonance Imaging, 2019, 62, 121-128.	1.8	4
38	Identification and functional characterization of HIV-associated neurocognitive disorders with large-scale Granger causality analysis on resting-state functional MRI. , 2018, 10575, .		4
39	Novel Antiplatelet Activity of Minocycline Involves Inhibition of MLK3-p38 Mitogen Activated Protein Kinase Axis. PLoS ONE, 2016, 11, e0157115.	2.5	3
40	Cerebrovascular Disease in Patients with HIV-1 Associated Pulmonary Hypertension. Journal of Neuro-AIDS, 1999, 2, 57-64.	0.2	2
41	Are Structural Changes Induced by Lithium in the HIV Brain Accompanied by Changes in Functional Connectivity?. PLoS ONE, 2015, 10, e0139118.	2.5	2
42	Cerebral Blood Flow Hemispheric Asymmetry in Comatose Adults Receiving Extracorporeal Membrane Oxygenation. Frontiers in Neuroscience, 2022, 16, 858404.	2.8	2
43	Mitochondrial toxicity before and after combination antiretroviral therapy, a Magnetic Resonance Spectroscopy study. NeuroImage: Clinical, 2021, 31, 102693.	2.7	1
44	Notice of Removal: Visualizing angle-independent principal strains in the longitudinal view of the carotid artery: Phantom and in vivo evaluation. , 2017, , .		0
45	Notice of Removal: Non-invasive carotid artery elastography using multi-element synthetic aperture and plane wave imaging: Phantom and in vivo evaluation. , 2017, , .		0