

# Michele Cavallari

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

768  
citations

471509

17  
h-index

526287

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1461  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural substrates of vulnerability to postsurgical delirium as revealed by presurgical diffusion MRI. <i>Brain</i> , 2016, 139, 1282-1294.	7.6	96
2	Xanthurenic Acid Activates mGlu2/3 Metabotropic Glutamate Receptors and is a Potential Trait Marker for Schizophrenia. <i>Scientific Reports</i> , 2016, 5, 17799.	3.3	91
3	Brain atrophy and white-matter hyperintensities are not significantly associated with incidence and severity of postoperative delirium in older persons without dementia. <i>Neurobiology of Aging</i> , 2015, 36, 2122-2129.	3.1	50
4	Perivascular Unit: This Must Be the Place. The Anatomical Crossroad Between the Immune, Vascular and Nervous System. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 17.	1.7	46
5	Fatigue predicts disease worsening in relapsing-remitting multiple sclerosis patients. <i>Multiple Sclerosis Journal</i> , 2016, 22, 1841-1849.	3.0	41
6	Dual-Sensitivity Multiple Sclerosis Lesion and CSF Segmentation for Multichannel 3T Brain MRI. <i>Journal of Neuroimaging</i> , 2018, 28, 36-47.	2.0	35
7	Longitudinal diffusion changes following postoperative delirium in older people without dementia. <i>Neurology</i> , 2017, 89, 1020-1027.	1.1	31
8	Microstructural Changes in the Striatum and Their Impact on Motor and Neuropsychological Performance in Patients with Multiple Sclerosis. <i>PLoS ONE</i> , 2014, 9, e101199.	2.5	30
9	Novel Method for Automated Analysis of Retinal Images: Results in Subjects with Hypertensive Retinopathy and CADASIL. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	28
10	Multiple sclerosis lesion formation and early evolution revisited: A weekly high-resolution magnetic resonance imaging study. <i>Multiple Sclerosis Journal</i> , 2016, 22, 761-769.	3.0	28
11	Cerebral blood flow MRI in the nondemented elderly is not predictive of post-operative delirium but is correlated with cognitive performance. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1386-1397.	4.3	25
12	Microstructural fronto-striatal and temporo-insular alterations are associated with fatigue in patients with multiple sclerosis independent of white matter lesion load and depression. <i>Multiple Sclerosis Journal</i> , 2020, 26, 1708-1718.	3.0	25
13	Evaluating the Association between Enlarged Perivascular Spaces and Disease Worsening in Multiple Sclerosis. <i>Journal of Neuroimaging</i> , 2018, 28, 273-277.	2.0	24
14	History of fatigue in multiple sclerosis is associated with grey matter atrophy. <i>Scientific Reports</i> , 2019, 9, 14781.	3.3	24
15	Changes to the septo-fornical area might play a role in the pathogenesis of anxiety in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2018, 24, 1105-1114.	3.0	23
16	Mobility impairment is associated with reduced microstructural integrity of the inferior and superior cerebellar peduncles in elderly with no clinical signs of cerebellar dysfunction. <i>NeuroImage: Clinical</i> , 2013, 2, 332-340.	2.7	21
17	Cognitive Performance following Carotid Endarterectomy or Stenting in Asymptomatic Patients with Severe ICA Stenosis. <i>Cardiovascular Psychiatry and Neurology</i> , 2013, 2013, 1-6.	0.8	20
18	Head circumference as a useful surrogate for intracranial volume in older adults. <i>International Psychogeriatrics</i> , 2016, 28, 157-162.	1.0	18

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19	The Role of Inflammation after Surgery for Elders (RISE) study: Examination of [11C]PBR28 binding and exploration of its link to post-operative delirium. <i>NeuroImage: Clinical</i> , 2020, 27, 102346.	2.7	17
20	Longitudinal microstructural changes of cerebral white matter and their association with mobility performance in older persons. <i>PLoS ONE</i> , 2018, 13, e0194051.	2.5	16
21	Older Patients with Alzheimer's Disease-Related Cortical Atrophy Who Develop Post-Operative Delirium May Be at Increased Risk of Long-Term Cognitive Decline After Surgery. <i>Journal of Alzheimer's Disease</i> , 2020, 75, 187-199.	2.6	14
22	Thalamic Fractional Anisotropy Predicts Accrual of Cerebral White Matter Damage in Older Subjects with Small-Vessel Disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1321-1327.	4.3	13
23	A novel classification of fatigue in multiple sclerosis based on longitudinal assessments. <i>Multiple Sclerosis Journal</i> , 2020, 26, 725-734.	3.0	13
24	The Role of Inflammation after Surgery for Elders (RISE) study: Study design, procedures, and cohort profile. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 752-762.	2.4	11
25	Evidence of axonal damage in cerebellar peduncles without T2-lesions in multiple sclerosis. <i>European Journal of Radiology</i> , 2018, 108, 114-119.	2.6	9
26	Structural integrity of the anterior mid-cingulate cortex contributes to resilience to delirium in SuperAging. <i>Brain Communications</i> , 2022, 4, .	3.3	9
27	Assessment of potential selection bias in neuroimaging studies of postoperative delirium and cognitive decline: lessons from the SAGES study. <i>Brain Imaging and Behavior</i> , 2022, 16, 1732-1740.	2.1	3
28	Reply: Neural substrates of vulnerability to post-surgical delirium with prospective diagnosis: Table 1. <i>Brain</i> , 2016, 139, e55-e55.	7.6	1
29	State of the Art and Promise of Structural Neuroimaging in Postoperative Delirium and Postoperative Cognitive Decline. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 1062-1063.	1.2	1
30	Large deep neural networks for MS lesion segmentation. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0