

# Alessandro Martorana

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

104  
papers

3,834  
citations

36  
h-index

58  
g-index

108  
ext. papers

4,541  
ext. citations

4.5  
avg, IF

5.08  
L-index

#	Paper	IF	Citations
104	Haemodynamic impairment along the Alzheimer's disease continuum. <i>European Journal of Neurology</i> , <b>2021</b> , 28, 2168-2173	6	3
103	Cognitive reserve and Alzheimer's biological continuum: clues for prediction and prevention of dementia. <i>Minerva Medica</i> , <b>2021</b> , 112, 441-447	2.2	4
102	Diabetes mellitus contributes to higher cerebrospinal fluid tau levels selectively in Alzheimer's disease patients with the APOE4 genotype. <i>European Journal of Neurology</i> , <b>2021</b> , 28, 3965-3971	6	1
101	Brain energy metabolism and neurodegeneration: hints from CSF lactate levels in dementias. <i>Neurobiology of Aging</i> , <b>2021</b> , 105, 333-339	5.6	8
100	C57BL/6J and DBA/2J strains present opposite sex differences in flash visual evoked potential latency: A possible confusing factor in gender studies on neurological diseases' transgenic models. <i>Brain Research Bulletin</i> , <b>2021</b> , 176, 18-24	3.9	
99	Gamma-induction in frontotemporal dementia (GIFTed) randomized placebo-controlled trial: Rationale, noninvasive brain stimulation protocol, and study design.. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2021</b> , 7, e12219	6	0
98	LTP-like cortical plasticity predicts conversion to dementia in patients with memory impairment. <i>Brain Stimulation</i> , <b>2020</b> , 13, 1175-1182	5.1	20
97	Effects of Cerebellar Theta Burst Stimulation on Contralateral Motor Cortex Excitability in Patients with Alzheimer's Disease. <i>Brain Topography</i> , <b>2020</b> , 33, 613-617	4.3	10
96	Protective Role of Cerebrospinal Fluid Inflammatory Cytokines in Patients with Amnesic Mild Cognitive Impairment and Early Alzheimer's Disease Carrying Apolipoprotein E4 Genotype. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 76, 681-689	4.3	12
95	Effects of Palmitoylethanolamide Combined with Luteoline on Frontal Lobe Functions, High Frequency Oscillations, and GABAergic Transmission in Patients with Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 76, 1297-1308	4.3	12
94	Classification Accuracy of Transcranial Magnetic Stimulation for the Diagnosis of Neurodegenerative Dementias. <i>Annals of Neurology</i> , <b>2020</b> , 87, 394-404	9.4	34
93	The Brain Metabolic Correlates of the Main Indices of Neuropsychological Assessment in Alzheimer's Disease. <i>Journal of Personalized Medicine</i> , <b>2020</b> , 10,	3.6	2
92	The role of epsilon phenotype in brain glucose consumption in Alzheimer's disease. <i>Annals of Nuclear Medicine</i> , <b>2020</b> , 34, 254-262	2.5	3
91	Effect of Rotigotine vs Placebo on Cognitive Functions Among Patients With Mild to Moderate Alzheimer Disease: A Randomized Clinical Trial. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2010372	10.4	10
90	Transcranial magnetic stimulation: Emerging biomarkers and novel therapeutics in Alzheimer's disease. <i>Neuroscience Letters</i> , <b>2020</b> , 719, 134355	3.3	11
89	Brain metabolic patterns in patients with suspected non-Alzheimer's pathophysiology (SNAP) and Alzheimer's disease (AD): is [F] FDG a specific biomarker in these patients?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2019</b> , 46, 1796-1805	8.8	8
88	LTP-like cortical plasticity is associated with verbal memory impairment in Alzheimer's disease patients. <i>Brain Stimulation</i> , <b>2019</b> , 12, 148-151	5.1	37

87	Lacosamide in the Management of Behavioral Symptoms in Frontotemporal Dementia: A 2-Case Report. <i>Alzheimer Disease and Associated Disorders</i> , <b>2018</b> , 32, 364-365	2.5	2
86	Transcranial magnetic stimulation of the precuneus enhances memory and neural activity in prodromal Alzheimer's disease. <i>NeuroImage</i> , <b>2018</b> , 169, 302-311	7.9	129
85	Brain metabolic correlates of CSF Tau protein in a large cohort of Alzheimer's disease patients: A CSF and FDG PET study. <i>Brain Research</i> , <b>2018</b> , 1678, 116-122	3.7	21
84	Amyloid-Mediated Cholinergic Dysfunction in Motor Impairment Related to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 64, 525-532	4.3	34
83	Transcranial magnetic stimulation predicts cognitive decline in patients with Alzheimer's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2018</b> , 89, 1237-1242	5.5	44
82	Bromelain Degrades A $\beta$ -42 Monomers and Soluble Aggregates: An In Vitro Study in Cerebrospinal Fluid of Alzheimer's Disease Patients. <i>Current Alzheimer Research</i> , <b>2018</b> , 15, 628-636	3	9
81	Observational clinical and nerve conduction study on effects of a nutraceutical combination on painful diabetic distal symmetric sensory-motor neuropathy in patients with diabetes type 1 and type 2. <i>Minerva Medica</i> , <b>2018</b> , 109, 358-362	2.2	4
80	Impaired Spike Timing Dependent Cortico-Cortical Plasticity in Alzheimer's Disease Patients. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 66, 983-991	4.3	18
79	Assessment of serum uric acid as risk factor for tauopathies. <i>Journal of Neural Transmission</i> , <b>2017</b> , 124, 1105-1108	4.3	14
78	CSF tau is associated with impaired cortical plasticity, cognitive decline and astrocyte survival only in APOE4-positive Alzheimer's disease. <i>Scientific Reports</i> , <b>2017</b> , 7, 13728	4.9	36
77	Levels of amyloid-beta-42 and CSF pressure are directly related in patients with Alzheimer's disease. <i>Journal of Neural Transmission</i> , <b>2017</b> , 124, 1621-1625	4.3	22
76	Transcranial magnetic stimulation distinguishes Alzheimer disease from frontotemporal dementia. <i>Neurology</i> , <b>2017</b> , 89, 665-672	6.5	66
75	Functional correlates of TSH, fT3 and fT4 in Alzheimer disease: a F-18 FDG PET/CT study. <i>Scientific Reports</i> , <b>2017</b> , 7, 6220	4.9	13
74	The Italian dementia with Lewy bodies study group (DLB-SINdem): toward a standardization of clinical procedures and multicenter cohort studies design. <i>Neurological Sciences</i> , <b>2017</b> , 38, 83-91	3.5	10
73	Alzheimer's Disease and the Routine Clinical Use of CSF Biomarkers. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2017</b> , 16, 407-413	2.6	1
72	"Delirium Day": a nationwide point prevalence study of delirium in older hospitalized patients using an easy standardized diagnostic tool. <i>BMC Medicine</i> , <b>2016</b> , 14, 106	11.4	143
71	Is cerebral glucose metabolism related to blood-brain barrier dysfunction and intrathecal IgG synthesis in Alzheimer disease?: A 18F-FDG PET/CT study. <i>Medicine (United States)</i> , <b>2016</b> , 95, e4206	1.8	11
70	Rapid eye movement sleep disruption and sleep fragmentation are associated with increased orexin-A cerebrospinal-fluid levels in mild cognitive impairment due to Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2016</b> , 40, 120-126	5.6	67

69	Insulin and the Future Treatment of Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2016</b> , 15, 660-4	2.6	4
68	Long-term potentiation-like cortical plasticity is disrupted in Alzheimer's disease patients independently from age of onset. <i>Annals of Neurology</i> , <b>2016</b> , 80, 202-10	9.4	62
67	Reversal of LTP-Like Cortical Plasticity in Alzheimer's Disease Patients with Tau-Related Faster Clinical Progression. <i>Journal of Alzheimer's Disease</i> , <b>2016</b> , 50, 605-16	4.3	39
66	Comparison between Early-Onset and Late-Onset Alzheimer's Disease Patients with Amnestic Presentation: CSF and (18)F-FDG PET Study. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , <b>2016</b> , 6, 108-19	2.5	25
65	Functional correlates of t-Tau, p-Tau and A $\beta$ Amyloid cerebrospinal fluid levels in Alzheimer's disease: a $^{18}$ F-FDG PET/CT study. <i>Nuclear Medicine Communications</i> , <b>2015</b> , 36, 461-8	1.6	16
64	Cerebrospinal Fluid A $\beta$ 2 Levels: When Physiological Become Pathological State. <i>CNS Neuroscience and Therapeutics</i> , <b>2015</b> , 21, 921-5	6.8	16
63	A clinical and biochemical analysis in the differential diagnosis of idiopathic normal pressure hydrocephalus. <i>Frontiers in Neurology</i> , <b>2015</b> , 6, 86	4.1	31
62	Association Between Alzheimer's Disease and Glaucoma: A Study Based on Heidelberg Retinal Tomography and Frequency Doubling Technology Perimetry. <i>Frontiers in Neuroscience</i> , <b>2015</b> , 9, 479	5.1	29
61	Levodopa-induced dyskinesias are associated with transient down-regulation of cAMP and cGMP in the caudate-putamen of hemiparkinsonian rats: reduced synthesis or increased catabolism?. <i>Neurochemistry International</i> , <b>2014</b> , 79, 44-56	4.4	21
60	Dopaminergic modulation of cortical plasticity in Alzheimer's disease patients. <i>Neuropsychopharmacology</i> , <b>2014</b> , 39, 2654-61	8.7	89
59	Cerebrospinal-fluid orexin levels and daytime somnolence in frontotemporal dementia. <i>Journal of Neurology</i> , <b>2014</b> , 261, 1832-6	5.5	22
58	"Is dopamine involved in Alzheimer's disease?". <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 252	5.3	138
57	Homotaurine induces measurable changes of short latency afferent inhibition in a group of mild cognitive impairment individuals. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 254	5.3	21
56	Orexinergic system dysregulation, sleep impairment, and cognitive decline in Alzheimer disease. <i>JAMA Neurology</i> , <b>2014</b> , 71, 1498-505	17.2	189
55	Transient global amnesia: linked to a systemic disorder of amino acid catabolism?. <i>Journal of Neurology</i> , <b>2013</b> , 260, 1429-32	5.5	3
54	Amyloid $\beta$ glutamate, excitotoxicity in Alzheimer's disease: are we on the right track?. <i>CNS Neuroscience and Therapeutics</i> , <b>2013</b> , 19, 549-55	6.8	108
53	Dopamine D $\beta$ agonist rotigotine effects on cortical excitability and central cholinergic transmission in Alzheimer's disease patients. <i>Neuropharmacology</i> , <b>2013</b> , 64, 108-13	5.5	62
52	Frailty among Alzheimer's disease patients. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2013</b> , 12, 507-16	4.1	29

51	Cerebellar theta burst stimulation modulates short latency afferent inhibition in Alzheimer's disease patients. <i>Frontiers in Aging Neuroscience</i> , <b>2013</b> , 5, 2	5.3	41
50	Altered parietal-motor connections in Alzheimer's disease patients. <i>Journal of Alzheimer's Disease</i> , <b>2013</b> , 33, 525-33	4.3	20
49	Ageing as a Trait de Union between diabetes and dementia for frailty. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2013</b> , 12, 520-4	2.6	3
48	Impaired LTP- but not LTD-like cortical plasticity in Alzheimer's disease patients. <i>Journal of Alzheimer's Disease</i> , <b>2012</b> , 31, 593-9	4.3	102
47	Plasmin system of Alzheimer's disease patients: CSF analysis. <i>Journal of Neural Transmission</i> , <b>2012</b> , 119, 763-9	4.3	15
46	Cerebrospinal fluid levels of A $\beta$ 2 relationship with cholinergic cortical activity in Alzheimer's disease patients. <i>Journal of Neural Transmission</i> , <b>2012</b> , 119, 771-8	4.3	24
45	CSF and clinical hallmarks of subcortical dementias: focus on DLB and PDD. <i>Journal of Neural Transmission</i> , <b>2012</b> , 119, 861-75	4.3	12
44	Oral fingolimod rescues the functional deficits of synapses in experimental autoimmune encephalomyelitis. <i>British Journal of Pharmacology</i> , <b>2012</b> , 165, 861-9	8.6	55
43	Apathy as marker of frail status. <i>Journal of Aging Research</i> , <b>2012</b> , 2012, 436251	2.3	10
42	The load of amyloid- $\beta$ oligomers is decreased in the cerebrospinal fluid of Alzheimer's disease patients. <i>Journal of Alzheimer's Disease</i> , <b>2012</b> , 31, 865-78	4.3	28
41	Altered dopamine modulation of LTD-like plasticity in Alzheimer's disease patients. <i>Clinical Neurophysiology</i> , <b>2011</b> , 122, 703-7	4.3	38
40	CSF tau levels influence cortical plasticity in Alzheimer's disease patients. <i>Journal of Alzheimer's Disease</i> , <b>2011</b> , 26, 181-6	4.3	24
39	Clinical Profile of Alzheimer's Disease Non-Responder Patient <b>2011</b> ,		2
38	Glaucoma progression associated with altered cerebral spinal fluid levels of amyloid beta and tau proteins. <i>Clinical and Experimental Ophthalmology</i> , <b>2011</b> , 39, 279-81	2.4	29
37	PDE10A and PDE10A-dependent cAMP catabolism are dysregulated oppositely in striatum and nucleus accumbens after lesion of midbrain dopamine neurons in rat: a key step in parkinsonism pathophysiology. <i>Neurobiology of Disease</i> , <b>2011</b> , 43, 293-303	7.5	42
36	Beyond the cholinergic hypothesis: do current drugs work in Alzheimer's disease?. <i>CNS Neuroscience and Therapeutics</i> , <b>2010</b> , 16, 235-45	6.8	93
35	Abeta1-42 Detection in CSF of Alzheimer's disease is influenced by temperature: indication of reversible Abeta1-42 aggregation?. <i>Experimental Neurology</i> , <b>2010</b> , 223, 371-6	5.7	31
34	Inflammation triggers synaptic alteration and degeneration in experimental autoimmune encephalomyelitis. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 3442-52	6.6	280

33	Dopamine modulates cholinergic cortical excitability in Alzheimer's disease patients. <i>Neuropsychopharmacology</i> , <b>2009</b> , 34, 2323-8	8.7	105
32	Exercise attenuates the clinical, synaptic and dendritic abnormalities of experimental autoimmune encephalomyelitis. <i>Neurobiology of Disease</i> , <b>2009</b> , 36, 51-9	7.5	90
31	Lowered cAMP and cGMP signalling in the brain during levodopa-induced dyskinesias in hemiparkinsonian rats: new aspects in the pathogenetic mechanisms. <i>European Journal of Neuroscience</i> , <b>2008</b> , 28, 941-50	3.5	84
30	Effects of simvastatin on neuroprotection and modulation of Bcl-2 and BAX in the rat quinolinic acid model of Huntington's disease. <i>Neuroscience Letters</i> , <b>2008</b> , 448, 166-9	3.3	23
29	Sub-cellular localization of manganese in the basal ganglia of normal and manganese-treated rats. An electron spectroscopy imaging and electron energy-loss spectroscopy study. <i>NeuroToxicology</i> , <b>2008</b> , 29, 60-72	4.4	92
28	L-dopa modulates motor cortex excitability in Alzheimer's disease patients. <i>Journal of Neural Transmission</i> , <b>2008</b> , 115, 1313-9	4.3	34
27	In vivo electrophysiology of dopamine-denervated striatum: focus on the nitric oxide/cGMP signaling pathway. <i>Synapse</i> , <b>2008</b> , 62, 409-20	2.4	27
26	Adult polyglucosan body disease: proton magnetic resonance spectroscopy of the brain and novel mutation in the GBE1 gene. <i>Muscle and Nerve</i> , <b>2008</b> , 37, 530-6	3.4	22
25	P2Y1 receptor switches to neurons from glia in juvenile versus neonatal rat cerebellar cortex. <i>BMC Developmental Biology</i> , <b>2007</b> , 7, 77	3.1	15
24	Beneficial effects of rolipram in a quinolinic acid model of striatal excitotoxicity. <i>Neurobiology of Disease</i> , <b>2007</b> , 25, 266-73	7.5	46
23	Manganese intoxication decreases the expression of manganoproteins in the rat basal ganglia: an immunohistochemical study. <i>Brain Research Bulletin</i> , <b>2007</b> , 74, 406-15	3.9	37
22	CSF markers in Alzheimer disease patients are not related to the different degree of cognitive impairment. <i>Journal of the Neurological Sciences</i> , <b>2006</b> , 251, 124-8	3.2	41
21	Oligodendrocytes express P2Y12 metabotropic receptor in adult rat brain. <i>Neuroscience</i> , <b>2006</b> , 141, 1171-80	3.9	41
20	Differential post-translational modifications of transthyretin in Alzheimer's disease: a study of the cerebral spinal fluid. <i>Proteomics</i> , <b>2006</b> , 6, 2305-13	4.8	66
19	Neurotensin effects on N-type calcium currents among rat pallidal neurons: an electrophysiological and immunohistochemical study. <i>Synapse</i> , <b>2006</b> , 60, 371-83	2.4	10
18	Striatal modulation of cAMP-response-element-binding protein (CREB) after excitotoxic lesions: implications with neuronal vulnerability in Huntington's disease. <i>European Journal of Neuroscience</i> , <b>2006</b> , 23, 11-20	3.5	39
17	Distribution of TRPC1 receptors in dendrites of rat substantia nigra: a confocal and electron microscopy study. <i>European Journal of Neuroscience</i> , <b>2006</b> , 24, 732-8	3.5	29
16	AD with subcortical white matter lesions and vascular dementia: CSF markers for differential diagnosis. <i>Journal of the Neurological Sciences</i> , <b>2005</b> , 237, 83-8	3.2	46

15	Down-regulation of nitrenergic transmission in the rat striatum after chronic nigrostriatal deafferentation. <i>European Journal of Neuroscience</i> , <b>2004</b> , 20, 989-1000	3.5	64
14	Opioid-mediated modulation of calcium currents in striatal and pallidal neurons following reserpine treatment: focus on kappa response. <i>Synapse</i> , <b>2004</b> , 51, 194-205	2.4	15
13	Immunolocalization of CB1 receptor in rat striatal neurons: a confocal microscopy study. <i>Synapse</i> , <b>2004</b> , 53, 159-67	2.4	71
12	Cellular localization of TRPC3 channel in rat brain: preferential distribution to oligodendrocytes. <i>Neuroscience Letters</i> , <b>2004</b> , 365, 137-42	3.3	29
11	Kyphoplasty: a new opportunity for rehabilitation of neurologic disabilities. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2004</b> , 83, 810-2	2.6	4
10	Activation of beta1-adrenoceptors excites striatal cholinergic interneurons through a cAMP-dependent, protein kinase-independent pathway. <i>Journal of Neuroscience</i> , <b>2003</b> , 23, 5272-82	6.6	39
9	Co-localization of brain-derived neurotrophic factor (BDNF) and wild-type huntingtin in normal and quinolinic acid-lesioned rat brain. <i>European Journal of Neuroscience</i> , <b>2003</b> , 18, 1093-102	3.5	54
8	Enkephalin, neurotensin, and substance P immunoreactive neurones of the rat GP following 6-hydroxydopamine lesion of the substantia nigra. <i>Experimental Neurology</i> , <b>2003</b> , 183, 311-9	5.7	21
7	Huntingtin distribution among striatal output neurons of normal rat brain. <i>Neuroscience Letters</i> , <b>2003</b> , 339, 53-6	3.3	16
6	Manganese Toxicity: A Critical Reappraisal <b>2003</b> , 415-425		
5	D2-mediated modulation of N-type calcium currents in rat globus pallidus neurons following dopamine denervation. <i>European Journal of Neuroscience</i> , <b>2002</b> , 15, 815-25	3.5	24
4	Tissue plasminogen activator is required for corticostriatal long-term potentiation. <i>European Journal of Neuroscience</i> , <b>2002</b> , 16, 713-21	3.5	44
3	MANGANESE DETECTED BY ELECTRON SPECTROSCOPY IMAGING AND ELECTRON ENERGY LOSS SPECTROSCOPY IN MITOCHONDRIA OF NORMAL RAT BRAIN CELLS. <i>Instrumentation Science and Technology</i> , <b>2002</b> , 20, 481-491		6
2	Dopamine denervation induces neurotensin immunoreactivity in GABA-parvalbumin striatal neurons. <i>Synapse</i> , <b>2001</b> , 41, 360-2	2.4	5
1	Intracellular localization and isoform expression of the voltage-dependent anion channel (VDAC) in normal and dystrophic skeletal muscle. <i>Journal of Muscle Research and Cell Motility</i> , <b>2000</b> , 21, 433-42	3.5	22