

Alessandro Mauro

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119
papers

3,254
citations

33
h-index

51
g-index

123
ext. papers

3,711
ext. citations

4.5
avg, IF

4.52
L-index

#	Paper	IF	Citations
119	Glial fibrillary acidic protein and vimentin in the experimental glial reaction of the rat brain. <i>Brain Research</i> , 1986 , 374, 110-8	3.7	208
118	The progression of non-motor symptoms in Parkinson's disease and their contribution to motor disability and quality of life. <i>Journal of Neurology</i> , 2012 , 259, 2621-31	5.5	154
117	Comprehensive analysis of the LRRK2 gene in sixty families with Parkinson's disease. <i>European Journal of Human Genetics</i> , 2006 , 14, 322-31	5.3	134
116	Depression is the main determinant of quality of life in multiple sclerosis: a classification-regression (CART) study. <i>Disability and Rehabilitation</i> , 2006 , 28, 307-14	2.4	118
115	Obesity and peripheral neuropathy risk: a dangerous liaison. <i>Journal of the Peripheral Nervous System</i> , 2005 , 10, 354-8	4.7	108
114	Anatomical and cellular localization of melatonin MT1 and MT2 receptors in the adult rat brain. <i>Journal of Pineal Research</i> , 2015 , 58, 397-417	10.4	104
113	How does stroke restrict participation in long-term post-stroke survivors?. <i>Acta Neurologica Scandinavica</i> , 2005 , 112, 157-62	3.8	87
112	Visual hallucinations in Parkinson's disease: clues to separate origins. <i>Journal of the Neurological Sciences</i> , 2006 , 248, 143-50	3.2	83
111	Solid lipid nanoparticles incorporating melatonin as new model for sustained oral and transdermal delivery systems. <i>Journal of Nanoscience and Nanotechnology</i> , 2007 , 7, 3596-601	1.3	80
110	Immunohistochemical demonstration of vimentin in human cerebral tumors. <i>Acta Neuropathologica</i> , 1986 , 70, 209-19	14.3	69
109	Interaction between 24-hydroxycholesterol, oxidative stress, and amyloid- β in amplifying neuronal damage in Alzheimer's disease: three partners in crime. <i>Aging Cell</i> , 2011 , 10, 403-17	9.9	67
108	GFAP, F VIII/RAG, laminin, and fibronectin in gliosarcomas: an immunohistochemical study. <i>Acta Neuropathologica</i> , 1984 , 63, 108-16	14.3	66
107	Is your phone so smart to affect your state? An exploratory study based on psychophysiological measures. <i>Neurocomputing</i> , 2012 , 84, 23-30	5.4	62
106	Solid lipid nanoparticles: could they help to improve the efficacy of pharmacologic treatments for brain tumors?. <i>Neurological Research</i> , 2007 , 29, 324-30	2.7	58
105	Tumor cell proliferation and apoptosis in medulloblastoma. <i>Acta Neuropathologica</i> , 1994 , 87, 362-70	14.3	57
104	Quantitative evaluation of functional limitation of upper limb movements in subjects affected by ataxia. <i>European Journal of Neurology</i> , 2009 , 16, 232-9	6	53
103	The vascular response to tumor infiltration in malignant gliomas. Morphometric and reconstruction study. <i>Acta Neuropathologica</i> , 1989 , 77, 369-78	14.3	51

102	Body-Sensor-Network-Based Kinematic Characterization and Comparative Outlook of UPDRS Scoring in Leg Agility, Sit-to-Stand, and Gait Tasks in Parkinson's Disease. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015 , 19, 1777-93	7.2	49
101	On the origin of sensory impairment and altered pain perception in Prader-Willi syndrome: a neurophysiological study. <i>European Journal of Pain</i> , 2009 , 13, 829-35	3.7	49
100	Transdermal treatment options for neurological disorders: impact on the elderly. <i>Drugs and Aging</i> , 2006 , 23, 357-75	4.7	48
99	Deletion of the Snord116/SNORD116 Alters Sleep in Mice and Patients with Prader-Willi Syndrome. <i>Sleep</i> , 2016 , 39, 637-44	1.1	46
98	Noninvasive strategies to promote functional recovery after stroke. <i>Neural Plasticity</i> , 2013 , 2013, 854593	3.3	45
97	The distribution of laminin in human brain tumors: an immunohistochemical study. <i>Acta Neuropathologica</i> , 1985 , 67, 51-7	14.3	45
96	Safety and efficacy of therapy with botulinum toxin in obesity: a pilot study. <i>Journal of Gastroenterology</i> , 2005 , 40, 833-5	6.9	44
95	CDKN2A/p16 inactivation in the prognosis of oligodendrogliomas. <i>International Journal of Cancer</i> , 2000 , 88, 554-7	7.5	44
94	Collagenase in the immunohistochemical demonstration of laminin, fibronectin and factor VIII/RAG in nervous tissue after fixation. <i>Histochemistry</i> , 1984 , 80, 157-63		42
93	Up-regulation of β -amyloidogenesis in neuron-like human cells by both 24- and 27-hydroxycholesterol: protective effect of N-acetyl-cysteine. <i>Aging Cell</i> , 2014 , 13, 561-72	9.9	40
92	Experimental brain tumors by transplacental ENU. Multifactorial study of the latency period. <i>Acta Neuropathologica</i> , 1980 , 49, 117-22	14.3	39
91	Neuropathology of Parkinson's disease associated with the LRRK2 Ile1371Val mutation. <i>Movement Disorders</i> , 2007 , 22, 275-8	7	38
90	Citron Kinase Deficiency Leads to Chromosomal Instability and TP53-Sensitive Microcephaly. <i>Cell Reports</i> , 2017 , 18, 1674-1686	10.6	35
89	Cholesterylbutyrate solid lipid nanoparticles as a butyric acid prodrug. <i>Molecules</i> , 2008 , 13, 230-54	4.8	34
88	Sleep cycling alternating pattern (CAP) expression is associated with hypersomnia and GH secretory pattern in Prader-Willi syndrome. <i>Sleep Medicine</i> , 2006 , 7, 627-33	4.6	34
87	Transdermal apomorphine permeation from microemulsions: a new treatment in Parkinson's disease. <i>Movement Disorders</i> , 2004 , 19, 937-42	7	33
86	What Is the Role of the Placebo Effect for Pain Relief in Neurorehabilitation? Clinical Implications From the Italian Consensus Conference on Pain in Neurorehabilitation. <i>Frontiers in Neurology</i> , 2018 , 9, 310	4.1	31
85	Coexpression of platelet-derived growth factor (PDGF) B chain and PDGF B-type receptor in human gliomas. <i>Child's Nervous System</i> , 1991 , 7, 432-6	1.7	31

84	Nocturnal anomalous movement reduction and sleep microstructure analysis in parkinsonian patients during 1-night transdermal apomorphine treatment. <i>Neurological Sciences</i> , 2003 , 24, 207-8	3.5	30
83	1-Naphthol basic dye (1-NBD). An alternative to diaminobenzidine (DAB) in immunoperoxidase techniques. <i>Histochemistry</i> , 1985 , 83, 97-102		30
82	Assigning UPDRS Scores in the Leg Agility Task of Parkinsonians: Can It Be Done Through BSN-Based Kinematic Variables?. <i>IEEE Internet of Things Journal</i> , 2015 , 2, 41-51	10.7	28
81	Intracellular accumulation and cytotoxicity of doxorubicin with different pharmaceutical formulations in human cancer cell lines. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 3062-9	1.3	27
80	Anaplasia and Heterogeneity of Gfap Expression in Gliomas. <i>Tumori</i> , 1986 , 72, 163-170	1.7	26
79	Molecular genetic changes in a series of neuroepithelial tumors of childhood. <i>Journal of Neuro-Oncology</i> , 2002 , 59, 117-22	4.8	25
78	ATTRv amyloidosis Italian Registry: clinical and epidemiological data. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2020 , 27, 259-265	2.7	25
77	Baclofen-loaded solid lipid nanoparticles: preparation, electrophysiological assessment of efficacy, pharmacokinetic and tissue distribution in rats after intraperitoneal administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011 , 79, 135-41	5.7	24
76	CDKN2A/p16 in ependymomas. <i>Journal of Neuro-Oncology</i> , 2001 , 54, 9-13	4.8	24
75	Altered multisensory temporal integration in obesity. <i>Scientific Reports</i> , 2016 , 6, 28382	4.9	23
74	Defence strategies and antibiotic resistance gene abundance in enterococci under stress by exposure to low doses of peracetic acid. <i>Chemosphere</i> , 2017 , 185, 480-488	8.4	23
73	Is math lateralised on the same side as language? Right hemisphere aphasia and mathematical abilities. <i>Neuroscience Letters</i> , 2006 , 406, 285-8	3.3	23
72	Feasibility of Home-Based Automated Assessment of Postural Instability and Lower Limb Impairments in Parkinson's Disease. <i>Sensors</i> , 2019 , 19,	3.8	22
71	Characteristics of anxiety and psychological well-being in chronic post-stroke patients. <i>Journal of the Neurological Sciences</i> , 2014 , 338, 191-6	3.2	22
70	Gait pattern in myotonic dystrophy (Steinert disease): a kinematic, kinetic and EMG evaluation using 3D gait analysis. <i>Journal of the Neurological Sciences</i> , 2012 , 314, 83-7	3.2	22
69	Automatic UPDRS Evaluation in the Sit-to-Stand Task of Parkinsonians: Kinematic Analysis and Comparative Outlook on the Leg Agility Task. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015 , 19, 803-14	7.2	21
68	A Self-Managed System for Automated Assessment of UPDRS Upper Limb Tasks in Parkinson's Disease. <i>Sensors</i> , 2018 , 18,	3.8	20
67	Mutational and haplotype map of NOTCH3 in a cohort of Italian patients with cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). <i>Journal of the Neurological Sciences</i> , 2012 , 319, 37-41	3.2	19

66	Glial fibrillary acidic protein (GFAP) in rat brain tumors transplacentally induced by ethylnitrosourea (ENU). <i>Journal of the Neurological Sciences</i> , 1983 , 61, 349-55	3.2	19
65	Inertial BSN-Based Characterization and Automatic UPDRS Evaluation of the Gait Task of Parkinsonians. <i>IEEE Transactions on Affective Computing</i> , 2016 , 7, 258-271	5.7	18
64	Glycosaminoglycans (GAGs) in human cerebral tumors. Part 1. Biochemical findings. <i>Acta Neuropathologica</i> , 1982 , 58, 115-9	14.3	18
63	Clinical and electrophysiological evaluation of peripheral neuropathy in rheumatoid arthritis. <i>Journal of the Peripheral Nervous System</i> , 2006 , 11, 174-5	4.7	17
62	Glycosaminoglycans in human cerebral tumors. Part II. Histochemical findings and correlations. <i>Acta Neuropathologica</i> , 1982 , 57, 299-305	14.3	17
61	Control of meningioma cell growth by platelet-derived growth factor (PDGF). <i>Journal of the Neurological Sciences</i> , 1995 , 131, 135-43	3.2	16
60	Most recent common ancestor of TTR Val30Met mutation in Italian population and its potential role in genotype-phenotype correlation. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2015 , 22, 73-8	2.7	15
59	Episodic ataxia and SCA6 within the same family due to the D302N CACNA1A gene mutation. <i>Journal of the Neurological Sciences</i> , 2016 , 371, 81-84	3.2	15
58	The cortico-diaphragmatic pathway involvement in amyotrophic lateral sclerosis: neurophysiological, respiratory and clinical considerations. <i>Journal of the Neurological Sciences</i> , 2006 , 251, 10-6	3.2	15
57	Mutations and immunohistochemistry of p53 and proliferation markers in astrocytic tumors of childhood. <i>Childs Nervous System</i> , 1995 , 11, 517-22	1.7	15
56	Characterization of biological features of a rat F98 GBM model: a PET-MRI study with [18F]FAZA and [18F]FDG. <i>Nuclear Medicine and Biology</i> , 2013 , 40, 831-40	2.1	14
55	Functional involvement of central nervous system at high altitude. <i>Experimental Brain Research</i> , 2009 , 194, 157-62	2.3	14
54	Congenital or late-onset myopathy in patients with the T14709C mtDNA mutation. <i>Journal of the Neurological Sciences</i> , 2005 , 228, 93-7	3.2	14
53	Non-coding variants contribute to the clinical heterogeneity of TTR amyloidosis. <i>European Journal of Human Genetics</i> , 2017 , 25, 1055-1060	5.3	13
52	Acute Vitamin D ₃ Supplementation in Severe Obesity: Evaluation of Multimeric Adiponectin. <i>Nutrients</i> , 2017 , 9,	6.7	12
51	Amyloid polyneuropathy following domino liver transplantation. <i>Muscle and Nerve</i> , 2012 , 45, 918-9	3.4	12
50	An Integrated Multi-Sensor Approach for the Remote Monitoring of Parkinson's Disease. <i>Sensors</i> , 2019 , 19,	3.8	11
49	Feasibility of home exercises to enhance the benefits of tango dancing in people with Parkinson's disease. <i>Complementary Therapies in Medicine</i> , 2019 , 42, 233-239	3.5	11

48	Does kinematics add meaningful information to clinical assessment in post-stroke upper limb rehabilitation? A case report. <i>Journal of Physical Therapy Science</i> , 2016 , 28, 2408-13	1	10
47	Chapter 11 - Solid lipid nanoparticles for brain tumors therapy: State of the art and novel challenges. <i>Progress in Brain Research</i> , 2009 , 180, 193-223	2.9	10
46	Contributions of immunohistochemistry to the problem of differentiation in medulloblastoma. <i>Italian Journal of Neurological Sciences</i> , 1983 , 4, 411-5		10
45	Sleep microstructure in Parkinson's disease: cycling alternating pattern (CAP) as a sensitive marker of early NREM sleep instability. <i>Sleep Medicine</i> , 2019 , 61, 57-62	4.6	9
44	Disentangling the relationship between cognitive estimation abilities and executive functions: a study on patients with Parkinson's disease. <i>Neurological Sciences</i> , 2015 , 36, 1425-9	3.5	9
43	How many segments are there in an orange: normative data for the new Cognitive Estimation Task in an Italian population. <i>Neurological Sciences</i> , 2015 , 36, 1889-95	3.5	9
42	Recurrent transient global amnesia as presenting symptoms of CADASIL. <i>Clinical Case Reports (discontinued)</i> , 2016 , 4, 1045-1048	0.7	9
41	A new NOTCH3 mutation presenting as primary intracerebral haemorrhage. <i>Journal of the Neurological Sciences</i> , 2012 , 315, 143-5	3.2	9
40	Are the neurophysiological techniques useful for the diagnosis of diaphragmatic impairment in multiple sclerosis (MS)?. <i>Clinical Neurophysiology</i> , 2003 , 114, 147-53	4.3	9
39	"Masters and servants" in parkinsonian gait: a three-dimensional analysis of biomechanical changes sensitive to disease progression. <i>Functional Neurology</i> , 2014 , 29, 99-105	2.2	9
38	Adherence and intracellular survival within human macrophages of <i>Enterococcus faecalis</i> isolates from coastal marine sediment. <i>Microbes and Infection</i> , 2015 , 17, 660-4	9.3	8
37	The Effect of a Virtual-Reality Full-Body Illusion on Body Representation in Obesity. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	8
36	Sporadic vascular dementia as clinical presentation of a new missense mutation within exon 7 of NOTCH3 gene. <i>Journal of the Neurological Sciences</i> , 2008 , 271, 207-10	3.2	8
35	Effect of optical flow versus attentional strategy on gait in Parkinson's Disease: a study with a portable optical stimulating device. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2008 , 5, 3	5.3	8
34	The role of language areas in motor control dysfunction in Parkinson's disease. <i>Neurological Sciences</i> , 2001 , 22, 43-4	3.5	8
33	Biochemical and histochemical evaluation of glycosaminoglycans in brain tumors induced in rats by nitrosourea derivatives. <i>Journal of Neuro-Oncology</i> , 1983 , 1, 299-306	4.8	8
32	Psychometric modeling of the pervasive use of Facebook through psychophysiological measures: Stress or optimal experience?. <i>Computers in Human Behavior</i> , 2015 , 49, 576-587	7.7	7
31	Body-scaled action in obesity during locomotion: Insights on the nature and extent of body representation disturbances. <i>Journal of Psychosomatic Research</i> , 2017 , 102, 34-40	4.1	7

30	Automatic detection of transient EEG events during sleep can be improved using a multi-channel approach. <i>Clinical Neurophysiology</i> , 2008 , 119, 959-67	4.3	7
29	Solid Lipid Nanoparticles Carrying Oligonucleotides Inhibit Vascular Endothelial Growth Factor Expression in Rat Glioma Models. <i>Journal of Nanoneuroscience</i> , 2009 , 1, 65-74		7
28	The Role of Virtual Reality in Neuropsychology: The Virtual Multiple Errands Test for the Assessment of Executive Functions in Parkinson's Disease. <i>Intelligent Systems Reference Library</i> , 2014 , 257-274	0.8	7
27	Monitoring of Gait Parameters in Post-Stroke Individuals: A Feasibility Study Using RGB-D Sensors. <i>Sensors</i> , 2021 , 21,	3.8	7
26	On the characterization of Leg Agility in patients with Parkinson's Disease 2013 ,		6
25	Linking UPDRS Scores and Kinematic Variables in the Leg Agility Task of Parkinsonians 2014 ,		6
24	An Italian family with Ala-47 transthyretin mutation associated with cardiomyopathy and polyneuropathy. <i>Neuromuscular Disorders</i> , 2000 , 10, 52-5	2.9	6
23	Vascular response to irradiation in malignant gliomas. <i>Journal of Neuro-Oncology</i> , 1990 , 8, 73-84	4.8	6
22	Utility of Boston Qualitative Scoring System for Rey-Osterrieth Complex Figure: evidence from a Parkinson's Diseases sample. <i>Neurological Sciences</i> , 2016 , 37, 1603-11	3.5	5
21	Explicit and Implicit Components of the Emotional Processing in Non-organic Vision Loss: Behavioral Evidence About the Role of Fear in Functional Blindness. <i>Frontiers in Psychology</i> , 2018 , 9, 494 ^{3,4}		5
20	Visual Hallucinations as Incidental Negative Effects of Virtual Reality on Parkinson's Disease Patients: A Link with Neurodegeneration?. <i>Parkinson's Disease</i> , 2015 , 2015, 194629	2.6	5
19	Simultaneous and successive localization of two antigens in the same tissue section using 3,3'-diaminobenzidine and 1-naphthol basic dye. <i>Histochemistry</i> , 1986 , 86, 123-6		5
18	Selective IGT decision-making impairment in a patient with juvenile Parkinson's disease and pathological gambling: a role for dopaminergic therapy?. <i>Neurocase</i> , 2012 , 18, 503-13	0.8	4
17	Vascular and parenchymal lesions along with enhanced neurogenesis characterize the brain of asymptomatic stroke-prone spontaneous hypertensive rats. <i>Journal of Hypertension</i> , 2013 , 31, 1618-28	1.9	4
16	Remote monitoring and rehabilitation for patients with neurological diseases 2014 ,		4
15	Defective Tool Embodiment in Body Representation of Individuals Affected by Parkinson's Disease: A Preliminary Study. <i>Frontiers in Psychology</i> , 2018 , 9, 2489	3.4	4
14	Sleep dysfunctions influence decision making in undemented Parkinson's disease patients: a study in a virtual supermarket. <i>Studies in Health Technology and Informatics</i> , 2011 , 163, 8-10	0.5	4
13	Cognitive Estimation in Non-demented Parkinson's Disease. <i>Archives of Clinical Neuropsychology</i> , 2017 , 32, 381-390	2.7	3

12	Carpal tunnel syndrome and oral contraceptive drugs: risk or protective factor?. <i>Journal of the Peripheral Nervous System</i> , 2003 , 8, 207-8	4.7	3
11	Psychosocial burden and professional and social support in patients with hereditary transthyretin amyloidosis (ATTRv) and their relatives in Italy. <i>Orphanet Journal of Rare Diseases</i> , 2021 , 16, 163	4.2	3
10	Italian version of the Parkinson Neuropsychometric Dementia Assessment (PANDA): a useful instrument to detect cognitive impairments in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2014 , 4, 151-60	5.3	2
9	Double-layered models can explain macro and micro structure of human sleep. <i>International Journal of Neural Systems</i> , 2013 , 23, 1350008	6.2	2
8	Electrogastrographic activity in Parkinson's disease patients with and without motor fluctuations. <i>Movement Disorders</i> , 2011 , 26, 1737-40	7	1
7	Reactive Astrocytes in the Morphologic Composition of Peripheral Areas of Gliomas. <i>Tumori</i> , 1988 , 74, 411-420	1.7	1
6	Computation of Gait Parameters in Post Stroke and Parkinson's Disease: A Comparative Study Using RGB-D Sensors and Optoelectronic Systems.. <i>Sensors</i> , 2022 , 22,	3.8	1
5	EXPRESS: Does physical weight alter the mental representation of the body? Evidence from motor imagery in obesity.. <i>Quarterly Journal of Experimental Psychology</i> , 2022 , 17470218221075038	1.8	1
4	Relationship between gait profile score and clinical assessments of gait in post-stroke patients. <i>Journal of Rehabilitation Medicine</i> , 2021 , 53, jrm00192	3.4	1
3	Behaviour of motor disabilities and appearance of visual hallucinations in patients with Parkinson's disease in a virtual environment. <i>Studies in Health Technology and Informatics</i> , 2009 , 144, 204-7	0.5	1
2	A Vision-Based Approach for the at Home Assessment of Postural Stability in Parkinson's Disease. <i>Lecture Notes in Electrical Engineering</i> , 2021 , 15-26	0.2	0
1	ISDN2014_0103: Hyper-activation of the Rho-GTPase Rac1 via disruption of ArhGAP15 results in reduced architectural and functional complexity. <i>International Journal of Developmental Neuroscience</i> , 2015 , 47, 28-29	2.7	