Aldo Quattrone

List of Publications by Citations

535 papers	18,416 citations	61 h-index	115 g-index
544 ext. papers	21,027 ext. citations	5.2 avg, IF	6.05 L-index

#	Paper	IF	Citations
535	Multicenter analysis of glucocerebrosidase mutations in Parkinson's disease. *New England Journal of Medicine*, **2009**, 361, 1651-61	59.2	1351
534	Mutations in the mitochondrial GTPase mitofusin 2 cause Charcot-Marie-Tooth neuropathy type 2A. *Nature Genetics*, **2004**, 36, 449-51	36.3	1243
533	Charcot-Marie-Tooth type 4B is caused by mutations in the gene encoding myotubularin-related protein-2. *Nature Genetics*, **2000**, 25, 17-9	36.3	419
532	Collaborative analysis of alpha-synuclein gene promoter variability and Parkinson disease. *JAMA - Journal of the American Medical Association*, **2006**, 296, 661-70	27.4	403
531	The nicotinic receptor beta 2 subunit is mutant in nocturnal frontal lobe epilepsy. *Nature Genetics*, **2000**, 26, 275-6	36.3	386
530	Mutations in a Sar1 GTPase of COPII vesicles are associated with lipid absorption disorders. *Nature Genetics*, **2003**, 34, 29-31	36.3	304
529	A multicenter study of glucocerebrosidase mutations in dementia with Lewy bodies. *JAMA Neurology*, **2013**, 70, 727-35	17.2	285
528	MR imaging index for differentiation of progressive supranuclear palsy from Parkinson disease and the Parkinson variant of multiple system atrophy. *Radiology*, **2008**, 246, 214-21	20.5	285
527	Association of LRRK2 exonic variants with susceptibility to Parkinson's disease: a case-control study. *Lancet Neurology, The*, **2011**, 10, 898-908	24.1	237
526	Mutation in the SYNJ1 gene associated with autosomal recessive, early-onset Parkinsonism. *Human Mutation*, **2013**, 34, 1208-15	4.7	208
525	UCHL1 is a Parkinson's disease susceptibility gene. *Annals of Neurology*, **2004**, 55, 512-21	9.4	190
524	Ascorbic acid in Charcot-Marie-Tooth disease type 1A (CMT-TRIAAL and CMT-TRAUK): a double-blind randomised trial. *Lancet Neurology, The*, **2011**, 10, 320-8	24.1	184
523	Apparent diffusion coefficient measurements of the middle cerebellar peduncle differentiate the Parkinson variant of MSA from Parkinson's disease and progressive supranuclear palsy. *Brain*, **2006**, 129, 2679-87	11.2	180
522	Random Forest Algorithm for the Classification of Neuroimaging Data in Alzheimer's Disease: A Systematic Review. *Frontiers in Aging Neuroscience*, **2017**, 9, 329	5.3	163
521	Identification of an Nav1.1 sodium channel (SCN1A) loss-of-function mutation associated with familial simple febrile seizures. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 18177-82	11.5	162
520	Quetiapine and clozapine in parkinsonian patients with dopaminergic psychosis. *Clinical Neuropharmacology*, **2004**, 27, 153-6	1.4	159
519	Sex differences in clinical and genetic determinants of levodopa peak-dose dyskinesias in Parkinson disease: an exploratory study. *Archives of Neurology*, **2005**, 62, 601-5		159

518	Clinical characteristics of patients with familial amyotrophic lateral sclerosis carrying the pathogenic GGGGCC hexanucleotide repeat expansion of C9ORF72. *Brain*, **2012**, 135, 784-93	11.2	153
517	Machine learning on brain MRI data for differential diagnosis of Parkinson's disease and Progressive Supranuclear Palsy. *Journal of Neuroscience Methods*, **2014**, 222, 230-7	3	151
516	DJ-1 mutations and parkinsonism-dementia-amyotrophic lateral sclerosis complex. *Annals of Neurology*, **2005**, 58, 803-7	9.4	143
515	Essential head tremor is associated with cerebellar vermis atrophy: a volumetric and voxel-based morphometry MR imaging study. *American Journal of Neuroradiology*, **2008**, 29, 1692-7	4.4	133
514	Prolactin secretion in man: a useful tool to evaluate the activity of drugs on central 5-hydroxytryptaminergic neurones. Studies with fenfluramine. *British Journal of Clinical Pharmacology*, **1983**, 16, 471-5	3.8	128
513	Monoamine oxidase-a genetic variations influence brain activity associated with inhibitory control: new insight into the neural correlates of impulsivity. *Biological Psychiatry*, **2006**, 59, 334-40	7.9	126
512	Brain atrophy and lesion load in a large population of patients with multiple sclerosis. *Neurology*, **2005**, 65, 280-5	6.5	126
511	Patterns of brain atrophy in Parkinson's disease, progressive supranuclear palsy and multiple system atrophy. *Parkinsonism and Related Disorders*, **2011**, 17, 172-6	3.6	119
510	Diffusion tensor MRI changes in cerebellar structures of patients with familial essential tremor. *Neurology*, **2010**, 74, 988-94	6.5	118
509	Transverse sinus stenoses persist after normalization of the CSF pressure in IIH. *Neurology*, **2005**, 65, 1090-3	6.5	115
508	Gender-related effect of clinical and genetic variables on the cognitive impairment in multiple sclerosis. *Journal of Neurology*, **2004**, 251, 1208-14	5.5	114
507	Magnetic resonance imaging biomarkers for the early diagnosis of Alzheimer's disease: a machine learning approach. *Frontiers in Neuroscience*, **2015**, 9, 307	5.1	110
506	Computer-assisted cognitive rehabilitation of attention deficits for multiple sclerosis: a randomized trial with fMRI correlates. *Neurorehabilitation and Neural Repair*, **2013**, 27, 284-95	4.7	106
505	Large-scale replication and heterogeneity in Parkinson disease genetic loci. *Neurology*, **2012**, 79, 659-67	6.5	106
504	Neuroanatomic correlates of psychogenic nonepileptic seizures: a cortical thickness and VBM study. *Epilepsia*, **2012**, 53, 377-85	6.4	105
503	Correlation between fatigue and brain atrophy and lesion load in multiple sclerosis patients independent of disability. *Journal of the Neurological Sciences*, **2007**, 263, 15-9	3.2	104
502	The dopamine D2 receptor gene is a susceptibility locus for Parkinson's disease. *Movement Disorders*, **2000**, 15, 127-31	7	104
501	Cerebellar atrophy in essential tremor using an automated segmentation method. *American Journal of Neuroradiology*, **2009**, 30, 1240-3	4.4	100

500	MR imaging of middle cerebellar peduncle width: differentiation of multiple system atrophy from Parkinson disease. *Radiology*, **2006**, 239, 825-30	20.5	99
499	Cognitive dysfunction in patients with relapsing-remitting multiple sclerosis. *Multiple Sclerosis Journal*, **2006**, 12, 77-87	5	98
498	Evidence of an interaction between serotoninergic and cholinergic neurons in the corpus striatum and hippocampus of the rat brain. *Brain Research*, **1978**, 151, 73-83	3.7	91
497	Automatic Detection of White Matter Hyperintensities in Healthy Aging and Pathology Using Magnetic Resonance Imaging: A Review. *Neuroinformatics*, **2015**, 13, 261-76	3.2	87
496	Apparent diffusion coefficient of the superior cerebellar peduncle differentiates progressive supranuclear palsy from Parkinson's disease. *Movement Disorders*, **2008**, 23, 2370-6	7	86
495	Validation of the Italian version of the Movement Disorder Society--Unified Parkinson's Disease Rating Scale. *Neurological Sciences*, **2013**, 34, 683-7	3.5	85
494	Hippocampal and thalamic atrophy in mild temporal lobe epilepsy: a VBM study. *Neurology*, **2008**, 71, 1094-101	6.5	83
493	Altered cortical-cerebellar circuits during verbal working memory in essential tremor. *Brain*, **2011**, 134, 2274-86	11.2	82
492	MRI evidence of mesial temporal sclerosis in sporadic "benign" temporal lobe epilepsy. *Neurology*, **2006**, 66, 562-5	6.5	81
491	A multi-centre clinico-genetic analysis of the VPS35 gene in Parkinson disease indicates reduced penetrance for disease-associated variants. *Journal of Medical Genetics*, **2012**, 49, 721-6	5.8	78
490	Neurobiological mechanisms underlying emotional processing in relapsing-remitting multiple sclerosis. *Brain*, **2009**, 132, 3380-91	11.2	78
489	Independent and joint effects of the MAPT and SNCA genes in Parkinson disease. *Annals of Neurology*, **2011**, 69, 778-92	9.4	76
488	Increased functional connectivity within mesocortical networks in open people. *NeuroImage*, **2015**, 104, 301-9	7.9	75
487	APOE epsilon variation in multiple sclerosis susceptibility and disease severity: some answers. *Neurology*, **2006**, 66, 1373-83	6.5	72
486	Bilateral transverse sinus stenosis predicts IIH without papilledema in patients with migraine. *Neurology*, **2006**, 67, 419-23	6.5	69
485	A network centred on the inferior frontal cortex is critically involved in levodopa-induced dyskinesias. *Brain*, **2015**, 138, 414-27	11.2	68
484	LRP10 genetic variants in familial Parkinson's disease and dementia with Lewy bodies: a genome-wide linkage and sequencing study. *Lancet Neurology, The*, **2018**, 17, 597-608	24.1	68
483	Genetic counselling in ALS: facts, uncertainties and clinical suggestions. *Journal of Neurology, Neurosurgery and Psychiatry*, **2014**, 85, 478-85	5.5	66

482	Localization of a gene responsible for autosomal recessive demyelinating neuropathy with focally folded myelin sheaths to chromosome 11q23 by homozygosity mapping and haplotype sharing. *Human Molecular Genetics*, **1996**, 5, 1051-4	5.6	66
481	Neurofunctional correlates of attention rehabilitation in Parkinson's disease: an explorative study. *Neurological Sciences*, **2014**, 35, 1173-80	3.5	65
480	The spectrum of Notch3 mutations in 28 Italian CADASIL families. *Journal of Neurology, Neurosurgery and Psychiatry*, **2005**, 76, 736-8	5.5	65
479	A genome screen for multiple sclerosis in Italian families. *Genes and Immunity*, **2001**, 2, 205-10	4.4	65
478	Glucocerebrosidase gene mutations are associated with Parkinson's disease in southern Italy. *Movement Disorders*, **2008**, 23, 460-3	7	64
477	C9ORF72 hexanucleotide repeat expansions in the Italian sporadic ALS population. *Neurobiology of Aging*, **2012**, 33, 1848.e15-20	5.6	63
476	Accuracy of magnetic resonance parkinsonism index for differentiation of progressive supranuclear palsy from probable or possible Parkinson disease. *Movement Disorders*, **2011**, 26, 527-33	7	63
475	Antinociceptive action of quipazine: relation to central serotonergic receptor stimulation. *Psychopharmacology*, **1976**, 46, 219-22	4.7	63
474	Could mitochondrial haplogroups play a role in sporadic amyotrophic lateral sclerosis?. *Neuroscience Letters*, **2004**, 371, 158-62	3.3	61
473	Impact of catechol-O-methyltransferase Val(108/158) Met genotype on hippocampal and prefrontal gray matter volume. *NeuroReport*, **2008**, 19, 405-8	1.7	59
472	Levetiracetam in patients with generalised epilepsy and myoclonic seizures: an open label study. *Seizure: the Journal of the British Epilepsy Association*, **2006**, 15, 214-8	3.2	59
471	Clinical and genetic findings in 26 Italian patients with Lafora disease. *Epilepsia*, **2006**, 47, 640-3	6.4	59
470	Comparison of different MR venography techniques for detecting transverse sinus stenosis in idiopathic intracranial hypertension. *Journal of Neurology*, **2005**, 252, 1021-5	5.5	58
469	Prefrontal alterations in Parkinson's disease with levodopa-induced dyskinesia during fMRI motor task. *Movement Disorders*, **2012**, 27, 364-71	7	57
468	MRI measurements predict PSP in unclassifiable parkinsonisms: a cohort study. *Neurology*, **2011**, 77, 1042-7	8.3	57
467	Long-duration response to levodopa influences the pharmacodynamics of short-duration response in Parkinson's disease. *Annals of Neurology*, **1997**, 42, 245-8	9.4	57
466	Subcortical motor plasticity in patients with sporadic ALS: An fMRI study. *Brain Research Bulletin*, **2006**, 69, 489-94	3.9	57
465	Genetic associations of Nrf2-encoding NFE2L2 variants with Parkinson's disease - a multicenter study. *BMC Medical Genetics*, **2014**, 15, 131	2.1	55

464	Linking Essential Tremor to the Cerebellum-Neuroimaging Evidence. *Cerebellum*, **2016**, 15, 263-75	4.3	54
463	Hyperhomocysteinemia is associated with cognitive impairment in multiple sclerosis. *Journal of Neurology*, **2008**, 255, 64-9	5.5	54
462	Dopaminergic modulation of cognitive interference after pharmacological washout in Parkinson's disease. *Brain Research Bulletin*, **2007**, 74, 75-83	3.9	54
461	Body weight influences pharmacokinetics of levodopa in Parkinson's disease. *Clinical Neuropharmacology*, **2002**, 25, 79-82	1.4	54
460	Increased prefrontal volume in PD with levodopa-induced dyskinesias: a voxel-based morphometry study. *Movement Disorders*, **2011**, 26, 807-12	7	53
459	CAG repeat length and clinical features in three Italian families with spinocerebellar ataxia type 2 (SCA2): early impairment of Wisconsin Card Sorting Test and saccade velocity. *Journal of Neurology*, **1998**, 245, 647-52	5.5	52
458	Myocardial 123metaiodobenzylguanidine uptake in genetic Parkinson's disease. *Movement Disorders*, **2008**, 23, 21-7	7	52
457	The subacute levodopa test for evaluating long-duration response in Parkinson's disease. *Annals of Neurology*, **1995**, 38, 389-95	9.4	52
456	Seizure susceptibility and anticonvulsant activity of carbamazepine, diphenylhydantoin and phenobarbital in rats with selective depletions of brain monoamines. *Neuropharmacology*, **1978**, 17, 643-7	5.5	52
455	Two novel SCN1A missense mutations in generalized epilepsy with febrile seizures plus. *Epilepsia*, **2003**, 44, 1257-8	6.4	50
454	Mild non-lesional temporal lobe epilepsy. A common, unrecognized disorder with onset in adulthood. *Canadian Journal of Neurological Sciences*, **1998**, 25, 282-6	1	50
453	A new MR imaging index for differentiation of progressive supranuclear palsy-parkinsonism from Parkinson's disease. *Parkinsonism and Related Disorders*, **2018**, 54, 3-8	3.6	49
452	Global investigation and meta-analysis of the C9orf72 (G4C2)n repeat in Parkinson disease. *Neurology*, **2014**, 83, 1906-13	6.5	49
451	Usefulness of movement time in the assessment of Parkinson's disease. *Journal of Neurology*, **1994**, 241, 543-50	5.5	49
450	Combined use of DAT-SPECT and cardiac MIBG scintigraphy in mixed tremors. *Movement Disorders*, **2009**, 24, 2242-8	7	48
449	ApoE epsilon4 allele and disease duration affect verbal learning in mild temporal lobe epilepsy. *Epilepsia*, **2005**, 46, 110-7	6.4	48
448	Prefrontal thickening in PD with levodopa-induced dyskinesias: new evidence from cortical thickness measurement. *Parkinsonism and Related Disorders*, **2013**, 19, 123-5	3.6	47
447	COMT inhibition with tolcapone in the treatment algorithm of patients with Parkinson's disease (PD): relevance for motor and non-motor features. *Neuropsychiatric Disease and Treatment*, **2008**, 4, 1-9	3.1	47

446	Familial temporal lobe epilepsy autosomal dominant inheritance in a large pedigree from southern Italy. *Epilepsy Research*, **2000**, 38, 127-32	3	47
445	Magnetic Resonance Parkinsonism Index: diagnostic accuracy of a fully automated algorithm in comparison with the manual measurement in a large Italian multicentre study in patients with progressive supranuclear palsy. *European Radiology*, **2017**, 27, 2665-2675	8	46
444	A large-scale genetic association study to evaluate the contribution of Omi/HtrA2 (PARK13) to Parkinson's disease. *Neurobiology of Aging*, **2011**, 32, 548.e9-18	5.6	46
443	Magnetic resonance support vector machine discriminates between Parkinson disease and progressive supranuclear palsy. *Movement Disorders*, **2014**, 29, 266-9	7	45
442	Neocortical thinning in "benign" mesial temporal lobe epilepsy. *Epilepsia*, **2011**, 52, 712-7	6.4	45
441	Genetically dependent modulation of serotonergic inactivation in the human prefrontal cortex. *NeuroImage*, **2008**, 40, 1264-73	7.9	45
440	Usefulness of a morning routine EEG recording in patients with juvenile myoclonic epilepsy. *Epilepsy Research*, **2007**, 77, 17-21	3	45
439	Bilateral transverse sinus stenosis and idiopathic intracranial hypertension without papilledema in chronic tension-type headache. *Journal of Neurology*, **2008**, 255, 807-12	5.5	45
438	Silent celiac disease in patients with childhood localization-related epilepsies. *Epilepsia*, **2001**, 42, 1153-5	6.4	45
437	Natural history of neurofibromatosis type 2 with onset before the age of 1 year. *Neurogenetics*, **2013**, 14, 89-98	3	44
436	Cognitive deficits in multiple sclerosis patients with cerebellar symptoms. *Multiple Sclerosis Journal*, **2009**, 15, 854-9	5	44
435	Fronto-parietal overactivation in patients with essential tremor during Stroop task. *NeuroReport*, **2010**, 21, 148-51	1.7	44
434	Pharmacological evidence of supersensitivity of central serotonergic receptors involved in the control of prolactin secretion. *European Journal of Pharmacology*, **1981**, 76, 9-13	5.3	44
433	Increased plasma prolactin levels induced in rats by d-fenfluramine: relation to central serotonergic stimulation. *European Journal of Pharmacology*, **1978**, 49, 163-7	5.3	43
432	Near-Infrared Spectroscopy in Gait Disorders: Is It Time to Begin?. *Neurorehabilitation and Neural Repair*, **2017**, 31, 402-412	4.7	42
431	Abnormal pressure waves in headache sufferers with bilateral transverse sinus stenosis. *Cephalalgia*, **2010**, 30, 1419-25	6.1	42
430	A multicenter, randomized, double-blind, placebo-controlled trial of long-term ascorbic acid treatment in Charcot-Marie-Tooth disease type 1A (CMT-TRIAAL): the study protocol [EudraCT no.: 2006-000032-27]. *Pharmacological Research*, **2006**, 54, 436-41	10.2	42
429	Polymorphism of the multidrug resistance 1 gene MDR1/ABCB1 C3435T and response to antiepileptic drug treatment in temporal lobe epilepsy. *Seizure: the Journal of the British Epilepsy Association*, **2015**, 24, 124-6	3.2	41

428	Reduced thalamic volume in Parkinson disease with REM sleep behavior disorder: volumetric study. *Parkinsonism and Related Disorders*, **2014**, 20, 1004-8	3.6	41
427	Temporal lobe abnormalities on brain MRI in healthy volunteers: a prospective case-control study. *Neurology*, **2010**, 74, 553-7	6.5	41
426	A novel Angiogenin gene mutation in a sporadic patient with amyotrophic lateral sclerosis from southern Italy. *Neuromuscular Disorders*, **2008**, 18, 68-70	2.9	41
425	Body weight, levodopa pharmacokinetics and dyskinesia in Parkinson's disease. *Neurological Sciences*, **2002**, 23 Suppl 2, S53-4	3.5	41
424	Voxel-based morphometry of sporadic epileptic patients with mesiotemporal sclerosis. *Epilepsia*, **2010**, 51, 506-10	6.4	40
423	Increased risk for Alzheimer disease with the interaction of MPO and A2M polymorphisms. *Archives of Neurology*, **2004**, 61, 341-4		40
422	Effect of midbrain raphe lesion or 5,7-dihydroxytryptamine treatment on the prolactin-releasing action of quipazine and D-fenfluramine in rats. *Brain Research*, **1979**, 174, 71-9	3.7	40
421	Structural connectivity differences in motor network between tremor-dominant and nontremor Parkinson's disease. *Human Brain Mapping*, **2017**, 38, 4716-4729	5.9	39
420	A Cellular Neural Network methodology for the automated segmentation of multiple sclerosis lesions. *Journal of Neuroscience Methods*, **2012**, 203, 193-9	3	39
419	Brain iron deposition in essential tremor: a quantitative 3-Tesla magnetic resonance imaging study. *Movement Disorders*, **2013**, 28, 196-200	7	39
418	Structural 'connectomic' alterations in the limbic system of multiple sclerosis patients with major depression. *Multiple Sclerosis Journal*, **2015**, 21, 1003-12	5	39
417	Synchronous pattern distinguishes resting tremor associated with essential tremor from rest tremor of Parkinson's disease. *Parkinsonism and Related Disorders*, **2011**, 17, 30-3	3.6	39
416	NACP-REP1 polymorphism is not involved in Parkinson's disease: a case-control study in a population sample from southern Italy. *Neuroscience Letters*, **2003**, 351, 75-8	3.3	39
415	Short-term levodopa test assessed by movement time accurately predicts dopaminergic responsiveness in Parkinson's disease. *Movement Disorders*, **1997**, 12, 103-6	7	38
414	Quetiapine versus clozapine: a preliminary report of comparative effects on dopaminergic psychosis in patients with Parkinson's disease. *Neurological Sciences*, **2002**, 23 Suppl 2, S89-90	3.5	38
413	MRI Asymmetry Index of Hippocampal Subfields Increases Through the Continuum From the Mild Cognitive Impairment to the Alzheimer's Disease. *Frontiers in Neuroscience*, **2018**, 12, 576	5.1	37
412	Mutational analysis of EFHC1 gene in Italian families with juvenile myoclonic epilepsy. *Epilepsia*, **2007**, 48, 1686-1690	6.4	37
411	Electroclinical features of a family with simple febrile seizures and temporal lobe epilepsy associated with SCN1A loss-of-function mutation. *Epilepsia*, **2007**, 48, 1691-1696	6.4	36

410	The corticospinal tract profile in amyotrophic lateral sclerosis. *Human Brain Mapping*, **2017**, 38, 727-739	5.9	35
409	The effects of BDNF Val66Met polymorphism on brain function in controls and patients with multiple sclerosis: an imaging genetic study. *Behavioural Brain Research*, **2010**, 207, 377-86	3.4	35
408	Blink reflex recovery cycle in patients with dystonic tremor: a cross-sectional study. *Neurology*, **2012**, 78, 1363-5	6.5	35
407	Ventro-lateral prefrontal activity during working memory is modulated by MAO A genetic variation. *Brain Research*, **2008**, 1201, 114-21	3.7	35
406	Apolipoprotein E genotype does not influence the progression of multiple sclerosis. *Journal of Neurology*, **2003**, 250, 1094-8	5.5	35
405	The role of the cerebellum in multiple sclerosis. *Cerebellum*, **2015**, 14, 364-74	4.3	34
404	Natural history of CMT1A including QoL: a 2-year prospective study. *Neuromuscular Disorders*, **2008**, 18, 199-203	2.9	34
403	Vitamin E deficiency due to chylomicron retention disease in Marinesco-Sj□gren syndrome. *Annals of Neurology*, **2000**, 47, 260-264	9.4	34
402	Linkage analysis of multiple sclerosis with candidate region markers in Sardinian and Continental Italian families. *European Journal of Human Genetics*, **1999**, 7, 377-85	5.3	34
401	Connectivity Changes in Parkinson's Disease. *Current Neurology and Neuroscience Reports*, **2016**, 16, 91	6.6	33
400	MR parkinsonism index predicts vertical supranuclear gaze palsy in patients with PSP-parkinsonism. *Neurology*, **2016**, 87, 1266-73	6.5	33
399	Responsiveness of clinical outcome measures in Charcot-Marie-Tooth disease. *European Journal of Neurology*, **2015**, 22, 1556-63	6	33
398	White matter abnormalities differentiate severe from benign temporal lobe epilepsy. *Epilepsia*, **2015**, 56, 1109-16	6.4	33
397	Age at onset predicts good seizure outcome in sporadic non-lesional and mesial temporal sclerosis based temporal lobe epilepsy. *Journal of Neurology, Neurosurgery and Psychiatry*, **2011**, 82, 555-9	5.5	33
396	Correlation between clinical/neurophysiological findings and quality of life in Charcot-Marie-Tooth type 1A. *Journal of the Peripheral Nervous System*, **2008**, 13, 64-70	4.7	33
395	Investigating the role of brain-derived neurotrophic factor in relapsing-remitting multiple sclerosis. *Genes, Brain and Behavior*, **2007**, 6, 177-83	3.6	33
394	The gender effect in juvenile Huntington disease patients of Italian origin. *American Journal of Medical Genetics Part A*, **2004**, 125B, 92-8		33
393	Long-term outcome of mild mesial temporal lobe epilepsy: A prospective longitudinal cohort study. *Neurology*, **2016**, 86, 1904-10	6.5	33

392	Tractography in amyotrophic lateral sclerosis using a novel probabilistic tool: a study with tract-based reconstruction compared to voxel-based approach. *Journal of Neuroscience Methods*, **2014**, 224, 79-87	3	32
391	Voluptuary habits and clinical subtypes of Parkinson's disease: the FRAGAMP case-control study. *Movement Disorders*, **2010**, 25, 2387-94	7	32
390	Monotherapy for partial epilepsy: focus on levetiracetam. *Neuropsychiatric Disease and Treatment*, **2008**, 4, 33-8	3.1	32
389	Viewing photos and reading nouns of natural graspable objects similarly modulate motor responses. *Frontiers in Human Neuroscience*, **2014**, 8, 968	3.3	31
388	The neuroanatomical correlates of anxiety in a healthy population: differences between the State-Trait Anxiety Inventory and the Hamilton Anxiety Rating Scale. *Brain and Behavior*, **2014**, 4, 504-14	3.4	31
387	Serotonin transporter gene (5-Htt): association analysis with temporal lobe epilepsy. *Neuroscience Letters*, **2007**, 421, 52-6	3.3	31
386	Further evidence that SPG3A gene mutations cause autosomal dominant hereditary spastic paraplegia. *Annals of Neurology*, **2002**, 51, 794-5	9.4	31
385	Apolipoprotein E polymorphisms and the risk of nonlesional temporal lobe epilepsy. *Epilepsia*, **1999** , 40, 1804-7	6.4	31
384	Nerve conduction velocity in CMT1A: what else can we tell?. *European Journal of Neurology*, **2016**, 23, 1566-71	6	30
383	Comparison between Electrocardiographic and Earlobe Pulse Photoplethysmographic Detection for Evaluating Heart Rate Variability in Healthy Subjects in Short- and Long-Term Recordings. *Sensors*, **2018**, 18,	3.8	30
382	Cortical volume and folding abnormalities in Parkinson's disease patients with pathological gambling. *Parkinsonism and Related Disorders*, **2014**, 20, 1209-14	3.6	30
381	Parkinsonism and essential tremor in a family with pseudo-dominant inheritance of PARK2: an FP-CIT SPECT study. *Movement Disorders*, **2007**, 22, 559-63	7	30
380	Hormonal replacement therapy in women with Parkinson disease and levodopa-induced dyskinesia: a crossover trial. *Clinical Neuropharmacology*, **2007**, 30, 276-80	1.4	30
379	Evaluation of machine learning algorithms performance for the prediction of early multiple sclerosis from resting-state FMRI connectivity data. *Brain Imaging and Behavior*, **2019**, 13, 1103-1114	4.1	29
378	Blink reflex recovery cycle in patients with essential tremor associated with resting tremor. *Neurology*, **2012**, 79, 1490-5	6.5	28
377	Diffusivity of cerebellar hemispheres enables discrimination of cerebellar or parkinsonian multiple system atrophy from progressive supranuclear palsy-Richardson syndrome and Parkinson disease. *Radiology*, **2013**, 267, 843-50	20.5	28
376	Met158 variant of the catechol-O-methyltransferase genotype is associated with thicker cortex in adult brain. *Neuroscience*, **2010**, 167, 809-14	3.9	28
375	Further evidence of genetic heterogeneity in families with autosomal dominant nocturnal frontal lobe epilepsy. *Epilepsy Research*, **2007**, 74, 70-3	3	28

374	Temporal lobe epilepsy as a unique manifestation of multiple sclerosis. *Canadian Journal of Neurological Sciences*, **2003**, 30, 228-32	1	28
373	A novel mutation in the Notch3 gene in an Italian family with cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy: genetic and magnetic resonance spectroscopic findings. *Archives of Neurology*, **2001**, 58, 1418-22		28
372	Decreased anticonvulsant activity of carbamazepine in 6-hydroxydopamine-treated rats. *European Journal of Pharmacology*, **1977**, 41, 336-6	5.3	28
371	Magnetic resonance support vector machine discriminates essential tremor with rest tremor from tremor-dominant Parkinson disease. *Movement Disorders*, **2014**, 29, 1216-9	7	27
370	FUS mutations in sporadic amyotrophic lateral sclerosis: clinical and genetic analysis. *Neurobiology of Aging*, **2012**, 33, 837.e1-5	5.6	27
369	An magnetic resonance imaging T2*-weighted sequence at short echo time to detect putaminal hypointensity in Parkinsonisms. *Movement Disorders*, **2010**, 25, 2728-34	7	27
368	Charcot-Marie-Tooth and pain: correlations with neurophysiological, clinical, and disability findings. *Neurological Sciences*, **2008**, 29, 193-4	3.5	27
367	Adaptive cortical changes and the functional correlates of visuo-motor integration in relapsing-remitting multiple sclerosis. *Brain Research Bulletin*, **2006**, 69, 597-605	3.9	27
366	A hypofibrinolytic state in overweight patients with cerebral venous thrombosis and isolated intracranial hypertension. *Journal of Neurology*, **1999**, 246, 1086-9	5.5	27
365	Neuroimaging of Essential Tremor: What is the Evidence for Cerebellar Involvement?. *Tremor and Other Hyperkinetic Movements*, **2012**, 2,	2	27
364	Protective effect of LRRK2 p.R1398H on risk of Parkinson's disease is independent of MAPT and SNCA variants. *Neurobiology of Aging*, **2014**, 35, 266.e5-14	5.6	26
363	Reproductive factors and Parkinson's disease: a multicenter case-control study. *Movement Disorders*, **2011**, 26, 2563-6	7	26
362	Myocardial (123)I-MIBG scintigraphy for differentiation of Lewy bodies disease from FTD. *Neurobiology of Aging*, **2010**, 31, 1903-11	5.6	26
361	The DRD2 TaqIA polymorphism associated with changed midbrain volumes in healthy individuals. *Genes, Brain and Behavior*, **2009**, 8, 459-63	3.6	26
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3	Hyper-religiosity and visual hallucinations in a patient with frontotemporal dementia carrying a double variant in GRN gene. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, **2021**, 1-4	3.6	
2	Reply to: "Experience with a New Index to Differentiate Parkinson's Disease and Progressive Supranuclear Palsy". *Movement Disorders*, **2021**, 36, 2208-2209	7	
1	Video-oculographic biomarkers for evaluating vertical ocular dysfunction in progressive supranuclear palsy. *Parkinsonism and Related Disorders*, **2022**, 99, 84-90	3.6	