Giovanni Coppola

List of Publications by Year
in descending order

241 papers	25,070 citations	9786 73 h-index	8866 145 g-index
261 all docs	261 docs citations	261 times ranked	34103 citing authors

#	Article	IF	Citations
1	Genetic and functional analysis of a Pacific hagfish opioid system. Journal of Neuroscience Research, 2022, 100, 19-34.	2.9	2
2	Epigenetic clock and methylation studies in vervet monkeys. GeroScience, 2022, 44, 699-717.	4.6	18
3	IAPP-induced beta cell stress recapitulates the islet transcriptome in type 2 diabetes. Diabetologia, 2022, 65, 173-187.	6.3	19
4	Cortical and subcortical pathological burden and neuronal loss in an autopsy series of FTLD-TDP-type C. Brain, 2022, 145, 1069-1078.	7.6	12
5	Tau interactome maps synaptic and mitochondrial processes associated with neurodegeneration. Cell, 2022, 185, 712-728.e14.	28.9	114
6	Uninterrupted CAG repeat drives striatum-selective transcriptionopathy and nuclear pathogenesis in human Huntingtin BAC mice. Neuron, 2022, 110, 1173-1192.e7.	8.1	30
7	Genome-wide analysis provides genetic evidence that ACE2 influences COVID-19 risk and yields risk scores associated with severe disease. Nature Genetics, 2022, 54, 382-392.	21.4	97
8	Comprehensive cross-sectional and longitudinal analyses of plasma neurofilament light across FTD spectrum disorders. Cell Reports Medicine, 2022, 3, 100607.	6.5	21
9	Population-scale analysis of common and rare genetic variation associated with hearing loss in adults. Communications Biology, 2022, 5, .	4.4	12
10	Brain volumetric deficits in MAPT mutation carriers: a multisite study. Annals of Clinical and Translational Neurology, 2021, 8, 95-110.	3.7	21
11	Synaptic processes and immune-related pathways implicated in Tourette syndrome. Translational Psychiatry, 2021, 11, 56.	4.8	31
12	Selective axonal translation of the mRNA isoform encoding prenylated Cdc42 supports axon growth. Journal of Cell Science, 2021, 134, .	2.0	16
13	Plasma Neurofilament Light for Prediction of Disease Progression in Familial Frontotemporal Lobar Degeneration. Neurology, 2021, 96, e2296-e2312.	1.1	52
14	Specific and behaviorally consequential astrocyte Gq GPCR signaling attenuation inÂvivo with iÎ²ARK. Neuron, 2021, 109, 2256-2274.e9.	8.1	47
15	Advancing human genetics research and drug discovery through exome sequencing of the UK Biobank. Nature Genetics, 2021, 53, 942-948.	21.4	234
16	Sequencing of 640,000 exomes identifies GPR75 variants associated with protection from obesity. Science, 2021, 373, .	12.6	130
17	GADD45A is a protective modifier of neurogenic skeletal muscle atrophy. JCI Insight, 2021, 6, .	5.0	14
18	HDinHD: A Rich Data Portal for Huntingtonâ€™s Disease Research. Journal of Huntington's Disease, 2021, 10, 405-412.	1.9	11

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19	Molecular and functional properties of cortical astrocytes during peripherally induced neuroinflammation. Cell Reports, 2021, 36, 109508.	6.4	54
20	The glycine arginineâ€rich domain of the RNAâ€binding protein nucleolin regulates its subcellular localization. EMBO Journal, 2021, 40, e107158.	7.8	23
21	Topoisomerase I inhibition and peripheral nerve injury induce DNA breaks and ATF3-associated axon regeneration in sensory neurons. Cell Reports, 2021, 36, 109666.	6.4	16
22	Elevated common variant genetic risk for tourette syndrome in a densely-affected pedigree. Molecular Psychiatry, 2021, 26, 7522-7529.	7.9	8
23	Plasma Tau and Neurofilament Light in Frontotemporal Lobar Degeneration and Alzheimer Disease. Neurology, 2021, 96, e671-e683.	1.1	84
24	Exome sequencing and analysis of 454,787 UK Biobank participants. Nature, 2021, 599, 628-634.	27.8	377
25	Transcriptomic profiling of whole blood in 22q11.2 reciprocal copy number variants reveals that cell proportion highly impacts gene expression. Brain, Behavior, & Immunity - Health, 2021, 18, 100386.	2.5	3
26	AD-linked R47H- TREM2 mutation induces disease-enhancing microglial states via AKT hyperactivation. Science Translational Medicine, 2021, 13, eabe3947.	12.4	55
27	Assessment of executive function declines in presymptomatic and mildly symptomatic familial frontotemporal dementia: NIHâ€EXAMINER as a potential clinical trial endpoint. Alzheimer's and Dementia, 2020, 16, 11-21.	0.8	32
28	Individualized atrophy scores predict dementia onset in familial frontotemporal lobar degeneration. Alzheimer's and Dementia, 2020, 16, 37-48.	0.8	38
29	Synaptic and Gene Regulatory Mechanisms in Schizophrenia, Autism, and 22q11.2 Copy Number Variantâ€"Mediated Risk for Neuropsychiatric Disorders. Biological Psychiatry, 2020, 87, 150-163.	1.3	46
30	Activation of the HIF1Î±/PFKFB3 stress response pathway in beta cells in type 1 diabetes. Diabetologia, 2020, 63, 149-161.	6.3	49
31	The longitudinal evaluation of familial frontotemporal dementia subjects protocol: Framework and methodology. Alzheimer's and Dementia, 2020, 16, 22-36.	0.8	32
32	Association of Cognitive and Behavioral Features Between Adults With Tuberous Sclerosis and Frontotemporal Dementia. JAMA Neurology, 2020, 77, 358.	9.0	14
33	DNA Methylation Analysis Validates Organoids as a Viable Model for Studying Human Intestinal Aging. Cellular and Molecular Gastroenterology and Hepatology, 2020, 9, 527-541.	4.5	53
34	Clinical and volumetric changes with increasing functional impairment in familial frontotemporal lobar degeneration. Alzheimer's and Dementia, 2020, 16, 49-59.	0.8	27
35	A Ca2+-Dependent Switch Activates Axonal Casein Kinase 2Î± Translation and Drives G3BP1 Granule Disassembly for Axon Regeneration. Current Biology, 2020, 30, 4882-4895.e6.	3.9	22
36	Context-Specific Striatal Astrocyte Molecular Responses Are Phenotypically Exploitable. Neuron, 2020, 108, 1146-1162.e10.	8.1	73

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37	Exome sequencing and characterization of 49,960 individuals in the UK Biobank. Nature, 2020, 586, 749-756.	27.8	369
38	DNA methylation study of Huntingtonâ€™s disease and motor progression in patients and in animal models. Nature Communications, 2020, 11, 4529.	12.8	45
39	Lack of Association Between the CCR5-delta32 Polymorphism and Neurodegenerative Disorders. Alzheimer Disease and Associated Disorders, 2020, 34, 244-247.	1.3	11
40	Temporal variant of frontotemporal dementia in C9orf72 repeat expansion carriers: two case studies. Brain Imaging and Behavior, 2020, 14, 336-345.	2.1	3
41	Contribution of common and rare variants to bipolar disorder susceptibility in extended pedigrees from population isolates. Translational Psychiatry, 2020, 10, 74.	4.8	25
42	Immunosuppressive effect and global dysregulation of blood transcriptome in response to psychosocial stress in vervet monkeys (Chlorocebus sabaeus). Scientific Reports, 2020, 10, 3459.	3.3	2
43	DYNLRB1 is essential for dynein mediated transport and neuronal survival. Neurobiology of Disease, 2020, 140, 104816.	4.4	15
44	Genetic screening of a large series of North American sporadic and familial frontotemporal dementia cases. Alzheimer's and Dementia, 2020, 16, 118-130.	0.8	43
45	Comparison of sporadic and familial behavioral variant frontotemporal dementia (FTD) in a North American cohort. Alzheimer's and Dementia, 2020, 16, 60-70.	0.8	27
46	Utility of the global CDR^{Â®} plus NACC FTLD rating and development of scoring rules: Data from the ARTFL/LEFFTDS Consortium. Alzheimer's and Dementia, 2020, 16, 106-117.	0.8	81
47	Injured adult neurons regress to an embryonic transcriptional growth state. Nature, 2020, 581, 77-82.	27.8	154
48	Revised Self-Monitoring Scale. Neurology, 2020, 94, e2384-e2395.	1.1	23
49	Altered expression of genes regulating inflammation and synaptogenesis during regrowth of afferent neurons to cochlear hair cells. PLoS ONE, 2020, 15, e0238578.	2.5	7
50	Title is missing!. , 2020, 15, e0238578.		0
51	Title is missing!. , 2020, 15, e0238578.		0
52	Title is missing!. , 2020, 15, e0238578.		0
53	Title is missing!. , 2020, 15, e0238578.		0
54	Age- and stress-associated C. elegans granulins impair lysosomal function and induce a compensatory HLH-30/TFEB transcriptional response. PLoS Genetics, 2019, 15, e1008295.	3.5	23

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55	Neurodegenerative Disease Caregiversâ€™ 5-HTTLPR Genotype Moderates the Effect of Patientsâ€™ Empathic Accuracy Deficits on Caregiversâ€™ Well-Being. American Journal of Geriatric Psychiatry, 2019, 27, 1046-1056.	1.2	10
56	Patient-Tailored, Connectivity-Based Forecasts of Spreading Brain Atrophy. Neuron, 2019, 104, 856-868.e5.	8.1	85
57	Astrocyte molecular signatures in Huntingtonâ€™s disease. Science Translational Medicine, 2019, 11, .	12.4	152
58	Time Course of Changes in Peripheral Blood Gene Expression During Medication Treatment for Major Depressive Disorder. Frontiers in Genetics, 2019, 10, 870.	2.3	5
59	Preferential tau aggregation in von Economo neurons and fork cells in frontotemporal lobar degeneration with specific MAPT variants. Acta Neuropathologica Communications, 2019, 7, 159.	5.2	34
60	A Rare Mutation of Î²1-Adrenergic Receptor Affects Sleep/Wake Behaviors. Neuron, 2019, 103, 1044-1055.e7.	8.1	54
61	Longitudinal RNA-Seq analysis of acute and chronic neurogenic skeletal muscle atrophy. Scientific Data, 2019, 6, 179.	5.3	15
62	Tracking white matter degeneration in asymptomatic and symptomatic MAPT mutation carriers. Neurobiology of Aging, 2019, 83, 54-62.	3.1	14
63	Genetic screen in a large series of patients with primary progressive aphasia. Alzheimer's and Dementia, 2019, 15, 553-560.	0.8	30
64	18F-flortaucipir (AV-1451) tau PET in frontotemporal dementia syndromes. Alzheimer's Research and Therapy, 2019, 11, 13.	6.2	121
65	Gyrification abnormalities in presymptomatic c9orf72 expansion carriers. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 1005-1010.	1.9	24
66	Partial inhibition of the overactivated Ku80-dependent DNA repair pathway rescues neurodegeneration in C9ORF72 -ALS/FTD. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9628-9633.	7.1	64
67	Hyperactivity with Disrupted Attention by Activation of an Astrocyte Synaptogenic Cue. Cell, 2019, 177, 1280-1292.e20.	28.9	228
68	Dopamine receptor D4 (DRD) polymorphisms with reduced functional potency intensify atrophy in syndrome-specific sites of frontotemporal dementia. NeuroImage: Clinical, 2019, 23, 101822.	2.7	4
69	Genomeâ€wide survey of copy number variants finds MAPT duplications in progressive supranuclear palsy. Movement Disorders, 2019, 34, 1049-1059.	3.9	24
70	Primary familial brain calcification caused by a novel homozygous MYORG mutation in a consanguineous Italian family. Neurogenetics, 2019, 20, 99-102.	1.4	14
71	Interrogating the Genetic Determinants of Touretteâ€™s Syndrome and Other Tic Disorders Through Genome-Wide Association Studies. American Journal of Psychiatry, 2019, 176, 217-227.	7.2	242
72	Thalamo-cortical network hyperconnectivity in preclinical progranulin mutation carriers. NeuroImage: Clinical, 2019, 22, 101751.	2.7	30

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73	Regeneration Enhances Metastasis: A Novel Role for Neurovascular Signaling in Promoting Melanoma Brain Metastasis. Frontiers in Neuroscience, 2019, 13, 297.	2.8	14
74	miRNA expression profiles and molecular networks in resting and LPS-activated BV-2 microgliaâ€"Effect of cannabinoids. PLoS ONE, 2019, 14, e0212039.	2.5	41
75	White Matter Stroke Induces a Unique Oligo-Astrocyte Niche That Inhibits Recovery. Journal of Neuroscience, 2019, 39, 9343-9359.	3.6	29
76	ForestQC: Quality control on genetic variants from next-generation sequencing data using random forest. PLoS Computational Biology, 2019, 15, e1007556.	3.2	17
77	Frequency of the TREM2 R47H Variant in Various Neurodegenerative Disorders. Alzheimer Disease and Associated Disorders, 2019, 33, 327-330.	1.3	6
78	Gene-environment regulatory circuits of right ventricular pathology in tetralogy of fallot. Journal of Molecular Medicine, 2019, 97, 1711-1722.	3.9	11
79	Nonlinear Zâ€score modeling for improved detection of cognitive abnormality. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 797-808.	2.4	12
80	Transcriptional profiling of isogenic Friedreich ataxia neurons and effect of an HDAC inhibitor on disease signatures. Journal of Biological Chemistry, 2019, 294, 1846-1859.	3.4	28
81	Frontotemporal dementia spectrum: first genetic screen in a Greek cohort. Neurobiology of Aging, 2019, 75, 224.e1-224.e8.	3.1	16
82	Rare variants in the neuronal ceroid lipofuscinosis gene MFSD8 are candidate risk factors for frontotemporal dementia. Acta Neuropathologica, 2019, 137, 71-88.	7.7	29
83	Neurons selectively targeted in frontotemporal dementia reveal early stage TDP-43 pathobiology. Acta Neuropathologica, 2019, 137, 27-46.	7.7	87
84	Elevated TREM2 Gene Dosage Reprograms Microglia Responsivity and Ameliorates Pathological Phenotypes in Alzheimerâ€™s Disease Models. Neuron, 2018, 97, 1032-1048.e5.	8.1	246
85	Neurodegenerative disease biomarkers AÎ²_{1â€“40}, AÎ²_{1â€“42}, tau, and pâ€tau₁₈₁ in the vervet monkey cerebrospinal fluid: RelationÂto normal aging, genetic influences, and cerebral amyloid angiopathy. Brain and Behavior, 2018, 8, e00903.	2.2	45
86	Poly(GP), neurofilament and grey matter deficits in C9orf72 expansion carriers. Annals of Clinical and Translational Neurology, 2018, 5, 583-597.	3.7	48
87	Benign hereditary chorea and deletions outside NKX2-1: What's the role of MBIP?. European Journal of Medical Genetics, 2018, 61, 581-584.	1.3	9
88	Expanding the global prevalence of spinocerebellar ataxia type 42. Neurology: Genetics, 2018, 4, e232.	1.9	14
89	Impairment of memory generalization in preclinical autosomal dominant Alzheimer's disease mutation carriers. Neurobiology of Aging, 2018, 65, 149-157.	3.1	7
90	Mechanistic Differences in Neuropathic Pain Modalities Revealed by Correlating Behavior with Global Expression Profiling. Cell Reports, 2018, 22, 1301-1312.	6.4	142

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91	The Longitudinal Trajectory of Default Mode Network Connectivity in Healthy Older Adults Varies As a Function of Age and Is Associated with Changes in Episodic Memory and Processing Speed. Journal of Neuroscience, 2018, 38, 2809-2817.	3.6	161
92	A molecular cascade modulates MAP1B and confers resistance to mTOR inhibition in human glioblastoma. Neuro-Oncology, 2018, 20, 764-775.	1.2	22
93	Progranulin levels in blood in Alzheimer's disease and mild cognitive impairment. Annals of Clinical and Translational Neurology, 2018, 5, 616-629.	3.7	23
94	Combined Pathologies in FTLD-TDP Types A and C. Journal of Neuropathology and Experimental Neurology, 2018, 77, 405-412.	1.7	8
95	P1â€433: GRAY MATTER DEFICITS IN SYMPTOMATIC AND PRESYMPTOMATIC MAPT MUTATION CARRIERS. Alzheimer's and Dementia, 2018, 14, P475.	0.8	0
96	O2â€14â€06: DIFFERENCES BETWEEN SPORADIC AND FAMILIAL BEHAVIORAL VARIANT FTD IN ADVANCING RESEARCH AND TREATMENT FOR FTLD (ARTFL) CLINICAL RESEARCH CONSORTIUM. Alzheimer's and Dementia, 2018, 14, P658.	0.8	0
97	P1â€281: NONLINEAR Nâ€SCORE ESTIMATION FOR ESTABLISHING COGNITIVE NORMS FROM THE NATIONAL ALZHEIMER'S COORDINATING CENTER (NACC) DATASET. Alzheimer's and Dementia, 2018, 14, P390.	0.8	1
98	CSIG-22. RECONCILING TUMOR HETEROGENEITY IN GLIOBLASTOMA USING A PATHWAY-BASED APPROACH. Neuro-Oncology, 2018, 20, vi47-vi47.	1.2	0
99	Frequency of frontotemporal dementia gene variants in C9ORF72, MAPT, and GRN in academic versus commercial laboratory cohorts. Advances in Genomics and Genetics, 2018, Volume 8, 23-33.	0.8	7
100	O1â€08â€01: THE NIHâ€EXAMINER IS SENSITIVE TO COGNITIVE CHANGES IN ASYMPTOMATIC AND MILDLY SYMPTOMATIC FAMILIAL FRONTOTEMPORAL DEMENTIA. Alzheimer's and Dementia, 2018, 14, P235.	0.8	0
101	O2â€14â€01: CHARACTERISTICS AND PROGRESS OF 320 SUBJECTS IN THE LONGITUDINAL EVALUATION OF FAMILIAL FRONTOTEMPORAL DEMENTIA SUBJECTS (LEFFTDS) PROTOCOL. Alzheimer's and Dementia, 2018, 14, P656.	0.8	0
102	P1â€419: USING A BRAIN NETWORK APPROACH TO PREDICT GENETIC MUTATION IN INDIVIDUAL PATIENTS WITH FAMILIAL FRONTOTEMPORAL DEMENTIA. Alzheimer's and Dementia, 2018, 14, P465.	0.8	0
103	Nâ€acetylcysteine targets 5 lipoxygenaseâ€derived, toxic lipids and can synergize with prostaglandin E₂ to inhibit ferroptosis and improve outcomes following hemorrhagic stroke in mice. Annals of Neurology, 2018, 84, 854-872.	5.3	195
104	Differential effects of partial and complete loss of TREM2 on microglial injury response and tauopathy. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10172-10177.	7.1	118
105	De Novo Sequence and Copy Number Variants Are Strongly Associated with Tourette Disorder and Implicate Cell Polarity in Pathogenesis. Cell Reports, 2018, 24, 3441-3454.e12.	6.4	91
106	Mixed TDP-43 proteinopathy and tauopathy in frontotemporal lobar degeneration: nine case series. Journal of Neurology, 2018, 265, 2960-2971.	3.6	17
107	Required growth facilitators propel axon regeneration across complete spinal cord injury. Nature, 2018, 561, 396-400.	27.8	341
108	Reducing Astrocyte Calcium Signaling InÂVivo Alters Striatal Microcircuits and Causes Repetitive Behavior. Neuron, 2018, 99, 1170-1187.e9.	8.1	234

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109	Adult rat myelin enhances axonal outgrowth from neural stem cells. Science Translational Medicine, 2018, 10, .	12.4	28
110	Peripheral blood gene expression reveals an inflammatory transcriptomic signature in Friedreichâ€™s ataxia patients. Human Molecular Genetics, 2018, 27, 2965-2977.	2.9	36
111	Primary brain calcification: an international study reporting novel variants and associated phenotypes. European Journal of Human Genetics, 2018, 26, 1462-1477.	2.8	48
112	Generation and post-injury integration of human spinal cord neural stem cells. Nature Methods, 2018, 15, 723-731.	19.0	132
113	hnRNPs Interacting with mRNA Localization Motifs Define AxoNAl RNA Regulons. Molecular and Cellular Proteomics, 2018, 17, 2091-2106.	3.8	32
114	Metabolic characterization of isocitrate dehydrogenase (IDH) mutant and IDH wildtype gliomaspheres uncovers cell type-specific vulnerabilities. Cancer & Metabolism, 2018, 6, 4.	5.0	55
115	In the setting of Î²-cell stress, the pancreatic duct gland transcriptome shows characteristics of an activated regenerative response. American Journal of Physiology - Renal Physiology, 2018, 315, G848-G854.	3.4	4
116	Joint genome-wide association study of progressive supranuclear palsy identifies novel susceptibility loci and genetic correlation to neurodegenerative diseases. Molecular Neurodegeneration, 2018, 13, 41.	10.8	77
117	Bioinformatics and genomic databases. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 147, 75-92.	1.8	15
118	CREB controls cortical circuit plasticity and functional recovery after stroke. Nature Communications, 2018, 9, 2250.	12.8	96
119	MicroRNA signatures of endogenous Huntingtin CAG repeat expansion in mice. PLoS ONE, 2018, 13, e0190550.	2.5	39
120	Translatome Regulation in Neuronal Injury and Axon Regrowth. ENeuro, 2018, 5, ENEURO.0276-17.2018.	1.9	26
121	Genome-wide association study identifies MAPT locus influencing human plasma tau levels. Neurology, 2017, 88, 669-676.	1.1	33
122	Precipitous Deterioration of Motor Function, Cognition, and Behavior. JAMA Neurology, 2017, 74, 591.	9.0	0
123	De Novo Coding Variants Are Strongly Associated with Tourette Disorder. Neuron, 2017, 94, 486-499.e9.	8.1	155
124	Sox11 Expression Promotes Regeneration of Some Retinal Ganglion Cell Types but Kills Others. Neuron, 2017, 94, 1112-1120.e4.	8.1	151
125	Rare Copy Number Variants in NRXN1 and CNTN6 Increase Risk for Tourette Syndrome. Neuron, 2017, 94, 1101-1111.e7.	8.1	137
126	Network degeneration and dysfunction in presymptomatic C9ORF72 expansion carriers. NeuroImage: Clinical, 2017, 14, 286-297.	2.7	129

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127	Ancient hybridization and strong adaptation to viruses across African vervet monkey populations. Nature Genetics, 2017, 49, 1705-1713.	21.4	107
128	Genetic variation and gene expression across multiple tissues and developmental stages in a nonhuman primate. Nature Genetics, 2017, 49, 1714-1721.	21.4	57
129	Self-Organized Cerebral Organoids with Human-Specific Features Predict Effective Drugs to Combat Zika Virus Infection. Cell Reports, 2017, 21, 517-532.	6.4	305
130	Clinicopathological correlations in behavioural variant frontotemporal dementia. Brain, 2017, 140, 3329-3345.	7.6	226
131	Linking tuberous sclerosis complex, excessive mTOR signaling, and age-related neurodegeneration: a new association between TSC1 mutation and frontotemporal dementia. Acta Neuropathologica, 2017, 134, 813-816.	7.7	11
132	Timing of Smarcb1 and Nf2 inactivation determines schwannoma versus rhabdoid tumor development. Nature Communications, 2017, 8, 300.	12.8	70
133	Neural Circuit-Specialized Astrocytes: Transcriptomic, Proteomic, Morphological, and Functional Evidence. Neuron, 2017, 95, 531-549.e9.	8.1	556
134	Enhanced Neuronal Regeneration in the CAST/Ei Mouse Strain Is Linked to Expression of Differentiation Markers after Injury. Cell Reports, 2017, 20, 1136-1147.	6.4	26
135	Activity-Dependent Regulation of Alternative Cleavage and Polyadenylation During Hippocampal Long-Term Potentiation. Scientific Reports, 2017, 7, 17377.	3.3	38
136	A152T tau allele causes neurodegeneration that can be ameliorated in a zebrafish model by autophagy induction. Brain, 2017, 140, 1128-1146.	7.6	84
137	Brain calcifications and PCDH12 variants. Neurology: Genetics, 2017, 3, e166.	1.9	15
138	Mapping Gene Expression in Excitatory Neurons during Hippocampal Late-Phase Long-Term Potentiation. Frontiers in Molecular Neuroscience, 2017, 10, 39.	2.9	49
139	Wnt11 regulates cardiac chamber development and disease during perinatal maturation. JCI Insight, 2017, 2, .	5.0	21
140	Fine-mapping of the human leukocyte antigen locus as a risk factor for Alzheimer disease: A caseâ€“control study. PLoS Medicine, 2017, 14, e1002272.	8.4	67
141	Huntington's disease accelerates epigenetic aging of human brain and disrupts DNA methylation levels. Aging, 2016, 8, 1485-1512.	3.1	192
142	Forward Genetic Screen in Caenorhabditis elegans Suggests F57A10.2 and acp-4 As Suppressors of C9ORF72 Related Phenotypes. Frontiers in Molecular Neuroscience, 2016, 9, 113.	2.9	16
143	Characterization of Expression Quantitative Trait Loci in Pedigrees from Colombia and Costa Rica Ascertained for Bipolar Disorder. PLoS Genetics, 2016, 12, e1006046.	3.5	4
144	Identification of an Efficient Gene Expression Panel for Glioblastoma Classification. PLoS ONE, 2016, 11, e0164649.	2.5	12

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145	Cardiac Dysfunction in the BACHD Mouse Model of Huntingtonâ€™s Disease. PLoS ONE, 2016, 11, e0147269.	2.5	30
146	A Novel Protocol for Directed Differentiation of C9orf72-Associated Human Induced Pluripotent Stem Cells Into Contractile Skeletal Myotubes. Stem Cells Translational Medicine, 2016, 5, 1461-1472.	3.3	38
147	Genetic Prion Disease Caused by PRNP Q160X Mutation Presenting with an Orbitofrontal Syndrome, Cyclic Diarrhea, and Peripheral Neuropathy. Journal of Alzheimer's Disease, 2016, 55, 249-258.	2.6	13
148	New Transgenic Mouse Lines for Selectively Targeting Astrocytes and Studying Calcium Signals in Astrocyte Processes In Situ and InÂVivo. Neuron, 2016, 92, 1181-1195.	8.1	283
149	Astrocyte scar formation aids central nervous system axon regeneration. Nature, 2016, 532, 195-200.	27.8	1,390
150	Inhibition of Nucleotide Synthesis Targets Brain Tumor Stem Cells in a Subset of Glioblastoma. Molecular Cancer Therapeutics, 2016, 15, 1271-1278.	4.1	13
151	Progranulin Deficiency Promotes Circuit-Specific Synaptic Pruning by Microglia via Complement Activation. Cell, 2016, 165, 921-935.	28.9	558
152	Large-scale assessment of the gliomasphere model system. Neuro-Oncology, 2016, 18, 1367-1378.	1.2	82
153	Decoding the Long Noncoding RNA During Cardiac Maturation. Circulation: Cardiovascular Genetics, 2016, 9, 395-407.	5.1	39
154	Pathways and gene networks mediating the regulatory effects of cannabidiol, a nonpsychoactive cannabinoid, in autoimmune T cells. Journal of Neuroinflammation, 2016, 13, 136.	7.2	59
155	Widespread white matter and conduction defects in PSEN1-related spastic paraparesis. Neurobiology of Aging, 2016, 47, 201-209.	3.1	17
156	Incidence and impact of subclinical epileptiform activity in Alzheimer's disease. Annals of Neurology, 2016, 80, 858-870.	5.3	373
157	Human iPSC-Derived Neuronal Model of Tau-A152T Frontotemporal Dementia Reveals Tau-Mediated Mechanisms of Neuronal Vulnerability. Stem Cell Reports, 2016, 7, 325-340.	4.8	92
158	Design, Characterization, and Use of a Novel Amyloid Î²-Protein Control for Assembly, Neurotoxicity, and Gene Expression Studies. Biochemistry, 2016, 55, 5049-5060.	2.5	5
159	Increased prevalence of autoimmune disease within C9 and FTD/MND cohorts. Neurology: Neuroimmunology and NeuroInflammation, 2016, 3, e301.	6.0	78
160	Distinct Subtypes of Behavioral Variant Frontotemporal Dementia Based on Patterns of Network Degeneration. JAMA Neurology, 2016, 73, 1078.	9.0	115
161	Therapeutic targeting of oxygen-sensing prolyl hydroxylases abrogates ATF4-dependent neuronal death and improves outcomes after brain hemorrhage in several rodent models. Science Translational Medicine, 2016, 8, 328ra29.	12.4	106
162	Timing and significance of pathological features inC9orf72expansion-associated frontotemporal dementia. Brain, 2016, 139, 3202-3216.	7.6	136

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163	Rare TREM2 variants associated with Alzheimerâ€™s disease display reduced cell surface expression. Acta Neuropathologica Communications, 2016, 4, 98.	5.2	46
164	Suberoylanilide hydroxamic acid increases progranulin production in iPSC-derived cortical neurons of frontotemporal dementia patients. Neurobiology of Aging, 2016, 42, 35-40.	3.1	18
165	Co-expression networks in generation of induced pluripotent stem cells. Biology Open, 2016, 5, 300-310.	1.2	3
166	Transcriptomics and the mechanisms of antidepressant efficacy. European Neuropsychopharmacology, 2016, 26, 105-112.	0.7	19
167	Differential regulation of type III secretion and virulence genes in Bordetella pertussis and Bordetella bronchiseptica by a secreted anti-Ïƒ factor. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2341-2348.	7.1	54
168	Neuropathology of Autosomal Dominant Alzheimer Disease in the National Alzheimer Coordinating Center Database. Journal of Neuropathology and Experimental Neurology, 2016, 75, 284-290.	1.7	71
169	A Systems-Level Analysis of the Peripheral Nerve Intrinsic Axonal Growth Program. Neuron, 2016, 89, 956-970.	8.1	314
170	Integrated genomics and proteomics define huntingtin CAG lengthâ€“dependent networks in mice. Nature Neuroscience, 2016, 19, 623-633.	14.8	342
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