Giovanni Coppola

List of Publications by Year in Descending Order

244 papers	16,672 citations	65 h-index	125 g-index
261 ext. papers	21,599 ext. citations	10.4 avg, IF	6.16 L-index

#	Paper	IF	Citations
244	Tau interactome maps synaptic and mitochondrial processes associated with neurodegeneration.. *Cell*, **2022**,	56.2	11
243	Uninterrupted CAG repeat drives striatum-selective transcriptionopathy and nuclear pathogenesis in human Huntingtin BAC mice.. *Neuron*, **2022**,	13.9	2
242	IAPP-induced beta cell stress recapitulates the islet transcriptome in type 2 diabetes. *Diabetologia*, **2022**, 65, 173-187	10.3	3
241	Genome-wide analysis provides genetic evidence that ACE2 influences COVID-19 risk and yields risk scores associated with severe disease.. *Nature Genetics*, **2022**,	36.3	9
240	Comprehensive cross-sectional and longitudinal analyses of plasma neurofilament light across FTD spectrum disorders.. *Cell Reports Medicine*, **2022**, 3, 100607	18	0
239	Plasma Tau and Neurofilament Light in Frontotemporal Lobar Degeneration and Alzheimer Disease. *Neurology*, **2021**, 96, e671-e683	6.5	21
238	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	5.1	
237	AD-linked R47H- mutation induces disease-enhancing microglial states via AKT hyperactivation. *Science Translational Medicine*, **2021**, 13, eabe3947	17.5	7
236	Exome sequencing and analysis of 454,787 UK Biobank participants. *Nature*, **2021**, 599, 628-634	50.4	34
235	Selective axonal translation of the mRNA isoform encoding prenylated Cdc42 supports axon growth. *Journal of Cell Science*, **2021**, 134,	5.3	7
234	Plasma Neurofilament Light for Prediction of Disease Progression in Familial Frontotemporal Lobar Degeneration. *Neurology*, **2021**, 96, e2296-e2312	6.5	12
233	Specific and behaviorally consequential astrocyte G GPCR signaling attenuation in vivo with iβARK. *Neuron*, **2021**, 109, 2256-2274.e9	13.9	10
232	Advancing human genetics research and drug discovery through exome sequencing of the UK Biobank. *Nature Genetics*, **2021**, 53, 942-948	36.3	42
231	Sequencing of 640,000 exomes identifies variants associated with protection from obesity. *Science*, **2021**, 373,	33.3	22
230	Brain volumetric deficits in MAPT mutation carriers: a multisite study. *Annals of Clinical and Translational Neurology*, **2021**, 8, 95-110	5.3	4
229	Synaptic processes and immune-related pathways implicated in Tourette syndrome. *Translational Psychiatry*, **2021**, 11, 56	8.6	11
228	HDinHD: A Rich Data Portal for Huntington's Disease Research. *Journal of Huntington's Disease*, **2021**, 10, 405-412	1.9	1

227	Molecular and functional properties of cortical astrocytes during peripherally induced neuroinflammation. *Cell Reports*, **2021**, 36, 109508	10.6	7
226	Epigenetic clock and methylation studies in vervet monkeys. *GeroScience*, **2021**, 1	8.9	5
225	The glycine arginine-rich domain of the RNA-binding protein nucleolin regulates its subcellular localization. *EMBO Journal*, **2021**, 40, e107158	13	4
224	Topoisomerase I inhibition and peripheral nerve injury induce DNA breaks and ATF3-associated axon regeneration in sensory neurons. *Cell Reports*, **2021**, 36, 109666	10.6	1
223	Elevated common variant genetic risk for tourette syndrome in a densely-affected pedigree. *Molecular Psychiatry*, **2021**,	15.1	1
222	Cortical and subcortical pathological burden and neuronal loss in an autopsy series of FTLD-TDP-type C.. *Brain*, **2021**,	11.2	1
221	Temporal variant of frontotemporal dementia in C9orf72 repeat expansion carriers: two case studies. *Brain Imaging and Behavior*, **2020**, 14, 336-345	4.1	2
220	Contribution of common and rare variants to bipolar disorder susceptibility in extended pedigrees from population isolates. *Translational Psychiatry*, **2020**, 10, 74	8.6	8
219	Immunosuppressive effect and global dysregulation of blood transcriptome in response to psychosocial stress in vervet monkeys (Chlorocebus sabaeus). *Scientific Reports*, **2020**, 10, 3459	4.9	2
218	DYNLRB1 is essential for dynein mediated transport and neuronal survival. *Neurobiology of Disease*, **2020**, 140, 104816	7.5	5
217	Genetic screening of a large series of North American sporadic and familial frontotemporal dementia cases. *Alzheimer's and Dementia*, **2020**, 16, 118-130	1.2	25
216	Comparison of sporadic and familial behavioral variant frontotemporal dementia (FTD) in a North American cohort. *Alzheimer's and Dementia*, **2020**, 16, 60-70	1.2	17
215	Utility of the global CDR plus NACC FTLD rating and development of scoring rules: Data from the ARTFL/LEFFTDS Consortium. *Alzheimer's and Dementia*, **2020**, 16, 106-117	1.2	27
214	Revised Self-Monitoring Scale: A potential endpoint for frontotemporal dementia clinical trials. *Neurology*, **2020**, 94, e2384-e2395	6.5	14
213	Altered expression of genes regulating inflammation and synaptogenesis during regrowth of afferent neurons to cochlear hair cells. *PLoS ONE*, **2020**, 15, e0238578	3.7	3
212	Activation of the HIF1/PFKFB3 stress response pathway in beta cells in type 1 diabetes. *Diabetologia*, **2020**, 63, 149-161	10.3	26
211	The longitudinal evaluation of familial frontotemporal dementia subjects protocol: Framework and methodology. *Alzheimer's and Dementia*, **2020**, 16, 22-36	1.2	19
210	Association of Cognitive and Behavioral Features Between Adults With Tuberous Sclerosis and Frontotemporal Dementia. *JAMA Neurology*, **2020**, 77, 358-366	17.2	7

209	DNA Methylation Analysis Validates Organoids as a Viable Model for Studying Human Intestinal Aging. *Cellular and Molecular Gastroenterology and Hepatology*, **2020**, 9, 527-541	7.9	24
208	Clinical and volumetric changes with increasing functional impairment in familial frontotemporal lobar degeneration. *Alzheimer's and Dementia*, **2020**, 16, 49-59	1.2	17
207	A Ca-Dependent Switch Activates Axonal Casein Kinase 2 Translation and Drives G3BP1 Granule Disassembly for Axon Regeneration. *Current Biology*, **2020**, 30, 4882-4895.e6	6.3	8
206	Context-Specific Striatal Astrocyte Molecular Responses Are Phenotypically Exploitable. *Neuron*, **2020**, 108, 1146-1162.e10	13.9	22
205	Exome sequencing and characterization of 49,960 individuals in the UK Biobank. *Nature*, **2020**, 586, 749-756	50.4	122
204	DNA methylation study of Huntington's disease and motor progression in patients and in animal models. *Nature Communications*, **2020**, 11, 4529	17.4	15
203	Lack of Association Between the CCR5-delta32 Polymorphism and Neurodegenerative Disorders. *Alzheimer Disease and Associated Disorders*, **2020**, 34, 244-247	2.5	3
202	Assessment of executive function declines in presymptomatic and mildly symptomatic familial frontotemporal dementia: NIH-EXAMINER as a potential clinical trial endpoint. *Alzheimer's and Dementia*, **2020**, 16, 11-21	1.2	18
201	Individualized atrophy scores predict dementia onset in familial frontotemporal lobar degeneration. *Alzheimer's and Dementia*, **2020**, 16, 37-48	1.2	18
200	Synaptic and Gene Regulatory Mechanisms in Schizophrenia, Autism, and 22q11.2 Copy Number Variant-Mediated Risk for Neuropsychiatric Disorders. *Biological Psychiatry*, **2020**, 87, 150-163	7.9	23
199	Injured adult neurons regress to an embryonic transcriptional growth state. *Nature*, **2020**, 581, 77-82	50.4	65
198	Altered expression of genes regulating inflammation and synaptogenesis during regrowth of afferent neurons to cochlear hair cells **2020**, 15, e0238578		
197	Altered expression of genes regulating inflammation and synaptogenesis during regrowth of afferent neurons to cochlear hair cells **2020**, 15, e0238578		
196	Altered expression of genes regulating inflammation and synaptogenesis during regrowth of afferent neurons to cochlear hair cells **2020**, 15, e0238578		
195	Altered expression of genes regulating inflammation and synaptogenesis during regrowth of afferent neurons to cochlear hair cells **2020**, 15, e0238578		
194	Preferential tau aggregation in von Economo neurons and fork cells in frontotemporal lobar degeneration with specific MAPT variants. *Acta Neuropathologica Communications*, **2019**, 7, 159	7.3	12
193	A Rare Mutation of Adrenergic Receptor Affects Sleep/Wake Behaviors. *Neuron*, **2019**, 103, 1044-1055.e7	13.9	24
192	Longitudinal RNA-Seq analysis of acute and chronic neurogenic skeletal muscle atrophy. *Scientific Data*, **2019**, 6, 179	8.2	5

191	Tracking white matter degeneration in asymptomatic and symptomatic MAPT mutation carriers. *Neurobiology of Aging*, **2019**, 83, 54-62	5.6	9
190	Genetic screen in a large series of patients with primary progressive aphasia. *Alzheimerks and Dementia*, **2019**, 15, 553-560	1.2	19
189	F-flortaucipir (AV-1451) tau PET in frontotemporal dementia syndromes. *Alzheimerks Research and Therapy*, **2019**, 11, 13	9	70
188	Gyrification abnormalities in presymptomatic expansion carriers. *Journal of Neurology, Neurosurgery and Psychiatry*, **2019**, 90, 1005-1010	5.5	13
187	Partial inhibition of the overactivated Ku80-dependent DNA repair pathway rescues neurodegeneration in -ALS/FTD. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 9628-9633	11.5	35
186	Hyperactivity with Disrupted Attention by Activation of an Astrocyte Synaptogenic Cue. *Cell*, **2019**, 177, 1280-1292.e20	56.2	109
185	Dopamine receptor D (DRD) polymorphisms with reduced functional potency intensify atrophy in syndrome-specific sites of frontotemporal dementia. *NeuroImage: Clinical*, **2019**, 23, 101822	5.3	3
184	Genome-wide survey of copy number variants finds MAPT duplications in progressive supranuclear palsy. *Movement Disorders*, **2019**, 34, 1049-1059	7	15
183	Primary familial brain calcification caused by a novel homozygous MYORG mutation in a consanguineous Italian family. *Neurogenetics*, **2019**, 20, 99-102	3	11
182	Interrogating the Genetic Determinants of TourettR Syndrome and Other Tic Disorders Through Genome-Wide Association Studies. *American Journal of Psychiatry*, **2019**, 176, 217-227	11.9	95
181	Thalamo-cortical network hyperconnectivity in preclinical progranulin mutation carriers. *NeuroImage: Clinical*, **2019**, 22, 101751	5.3	15
180	Regeneration Enhances Metastasis: A Novel Role for Neurovascular Signaling in Promoting Melanoma Brain Metastasis. *Frontiers in Neuroscience*, **2019**, 13, 297	5.1	11
179	miRNA expression profiles and molecular networks in resting and LPS-activated BV-2 microglia-Effect of cannabinoids. *PLoS ONE*, **2019**, 14, e0212039	3.7	27
178	Age- and stress-associated C. elegans granulins impair lysosomal function and induce a compensatory HLH-30/TFEB transcriptional response. *PLoS Genetics*, **2019**, 15, e1008295	6	11
177	Neurodegenerative Disease CaregiversR5-HTTLPR Genotype Moderates the Effect of PatientsR Empathic Accuracy Deficits on CaregiversRWell-Being. *American Journal of Geriatric Psychiatry*, **2019**, 27, 1046-1056	6.5	8
176	Patient-Tailored, Connectivity-Based Forecasts of Spreading Brain Atrophy. *Neuron*, **2019**, 104, 856-868.e5	13.9	31
175	Astrocyte molecular signatures in HuntingtonR disease. *Science Translational Medicine*, **2019**, 11,	17.5	69
174	Time Course of Changes in Peripheral Blood Gene Expression During Medication Treatment for Major Depressive Disorder. *Frontiers in Genetics*, **2019**, 10, 870	4.5	3

173	White Matter Stroke Induces a Unique Oligo-Astrocyte Niche That Inhibits Recovery. *Journal of Neuroscience*, **2019**, 39, 9343-9359	6.6	10
172	ForestQC: Quality control on genetic variants from next-generation sequencing data using random forest. *PLoS Computational Biology*, **2019**, 15, e1007556	5	7
171	Frequency of the TREM2 R47H Variant in Various Neurodegenerative Disorders. *Alzheimer Disease and Associated Disorders*, **2019**, 33, 327-330	2.5	6
170	Gene-environment regulatory circuits of right ventricular pathology in tetralogy of fallot. *Journal of Molecular Medicine*, **2019**, 97, 1711-1722	5.5	3
169	Nonlinear Z-score modeling for improved detection of cognitive abnormality. *Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring*, **2019**, 11, 797-808	5.2	5
168	Transcriptional profiling of isogenic Friedreich ataxia neurons and effect of an HDAC inhibitor on disease signatures. *Journal of Biological Chemistry*, **2019**, 294, 1846-1859	5.4	15
167	Frontotemporal dementia spectrum: first genetic screen in a Greek cohort. *Neurobiology of Aging*, **2019**, 75, 224.e1-224.e8	5.6	8
166	Rare variants in the neuronal ceroid lipofuscinosis gene MFSD8 are candidate risk factors for frontotemporal dementia. *Acta Neuropathologica*, **2019**, 137, 71-88	14.3	20
165	Neurons selectively targeted in frontotemporal dementia reveal early stage TDP-43 pathobiology. *Acta Neuropathologica*, **2019**, 137, 27-46	14.3	43
164	Elevated TREM2 Gene Dosage Reprograms Microglia Responsivity and Ameliorates Pathological Phenotypes in Alzheimer's Disease Models. *Neuron*, **2018**, 97, 1032-1048.e5	13.9	158
163	Neurodegenerative disease biomarkers Aβ1-42, Aβ1-40, t-tau, and p-tau in the vervet monkey cerebrospinal fluid: Relation to normal aging, genetic influences, and cerebral amyloid angiopathy. *Brain and Behavior*, **2018**, 8, e00903	3.4	37
162	Poly(GP), neurofilament and grey matter deficits in expansion carriers. *Annals of Clinical and Translational Neurology*, **2018**, 5, 583-597	5.3	29
161	Benign hereditary chorea and deletions outside NKX2-1: What's the role of MBIP?. *European Journal of Medical Genetics*, **2018**, 61, 581-584	2.6	4
160	Expanding the global prevalence of spinocerebellar ataxia type 42. *Neurology: Genetics*, **2018**, 4, e232	3.8	10
159	Impairment of memory generalization in preclinical autosomal dominant Alzheimer's disease mutation carriers. *Neurobiology of Aging*, **2018**, 65, 149-157	5.6	3
158	Mechanistic Differences in Neuropathic Pain Modalities Revealed by Correlating Behavior with Global Expression Profiling. *Cell Reports*, **2018**, 22, 1301-1312	10.6	74
157	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	6.6	94
156	A molecular cascade modulates MAP1B and confers resistance to mTOR inhibition in human glioblastoma. *Neuro-Oncology*, **2018**, 20, 764-775	1	14

155	Progranulin levels in blood in Alzheimer's disease and mild cognitive impairment. *Annals of Clinical and Translational Neurology*, **2018**, 5, 616-629	5.3	14
154	Combined Pathologies in FTLD-TDP Types A and C. *Journal of Neuropathology and Experimental Neurology*, **2018**, 77, 405-412	3.1	4
153	Primary brain calcification: an international study reporting novel variants and associated phenotypes. *European Journal of Human Genetics*, **2018**, 26, 1462-1477	5.3	37
152	Generation and post-injury integration of human spinal cord neural stem cells. *Nature Methods*, **2018**, 15, 723-731	21.6	69
151	hnRNPs Interacting with mRNA Localization Motifs Define Axonal RNA Regulons. *Molecular and Cellular Proteomics*, **2018**, 17, 2091-2106	7.6	13
150	Metabolic characterization of isocitrate dehydrogenase (IDH) mutant and IDH wildtype gliomaspheres uncovers cell type-specific vulnerabilities. *Cancer & Metabolism*, **2018**, 6, 4	5.4	37
149	In the setting of ER cell stress, the pancreatic duct gland transcriptome shows characteristics of an activated regenerative response. *American Journal of Physiology - Renal Physiology*, **2018**, 315, G848-G854	5.1	4
148	Joint genome-wide association study of progressive supranuclear palsy identifies novel susceptibility loci and genetic correlation to neurodegenerative diseases. *Molecular Neurodegeneration*, **2018**, 13, 41	19	41
147	Bioinformatics and genomic databases. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2018**, 147, 75-92	3	10
146	CREB controls cortical circuit plasticity and functional recovery after stroke. *Nature Communications*, **2018**, 9, 2250	17.4	64
145	MicroRNA signatures of endogenous Huntingtin CAG repeat expansion in mice. *PLoS ONE*, **2018**, 13, e0190550	3.7	19
144	Translatome Regulation in Neuronal Injury and Axon Regrowth. *ENeuro*, **2018**, 5,	3.9	16
143	P1-433: GRAY MATTER DEFICITS IN SYMPTOMATIC AND PRESYMPTOMATIC MAPT MUTATION CARRIERS **2018**, 14, P475-P476		
142	O2-14-06: DIFFERENCES BETWEEN SPORADIC AND FAMILIAL BEHAVIORAL VARIANT FTD IN ADVANCING RESEARCH AND TREATMENT FOR FTLD (ARTFL) CLINICAL RESEARCH CONSORTIUM **2018**, 14, P658-P659		
141	P1-281: NONLINEAR N-SCORE ESTIMATION FOR ESTABLISHING COGNITIVE NORMS FROM THE NATIONAL ALZHEIMER'S COORDINATING CENTER (NACC) DATASET **2018**, 14, P390-P391		1
140	CSIG-22. RECONCILING TUMOR HETEROGENEITY IN GLIOBLASTOMA USING A PATHWAY-BASED APPROACH. *Neuro-Oncology*, **2018**, 20, vi47-vi47	1	78
139	Frequency of frontotemporal dementia gene variants in , , and in academic versus commercial laboratory cohorts. *Advances in Genomics and Genetics*, **2018**, 8, 23-33		3
138	O1-08-01: THE NIH-EXAMINER IS SENSITIVE TO COGNITIVE CHANGES IN ASYMPTOMATIC AND MILDLY SYMPTOMATIC FAMILIAL FRONTOTEMPORAL DEMENTIA **2018**, 14, P235-P235		

137	O2-14-01: CHARACTERISTICS AND PROGRESS OF 320 SUBJECTS IN THE LONGITUDINAL EVALUATION OF FAMILIAL FRONTOTEMPORAL DEMENTIA SUBJECTS (LEFFTDS) PROTOCOL **2018**, 14, P656-P656		
136	P1-419: USING A BRAIN NETWORK APPROACH TO PREDICT GENETIC MUTATION IN INDIVIDUAL PATIENTS WITH FAMILIAL FRONTOTEMPORAL DEMENTIA **2018**, 14, P465-P466		
135	N-acetylcysteine targets 5 lipoxygenase-derived, toxic lipids and can synergize with prostaglandin E to inhibit ferroptosis and improve outcomes following hemorrhagic stroke in mice. *Annals of Neurology*, **2018**, 84, 854-872	9.4	103
134	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	11.5	66
133	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	10.6	51
132	Mixed TDP-43 proteinopathy and tauopathy in frontotemporal lobar degeneration: nine case series. *Journal of Neurology*, **2018**, 265, 2960-2971	5.5	8
131	Required growth facilitators propel axon regeneration across complete spinal cord injury. *Nature*, **2018**, 561, 396-400	50.4	184
130	Reducing Astrocyte Calcium Signaling In Vivo Alters Striatal Microcircuits and Causes Repetitive Behavior. *Neuron*, **2018**, 99, 1170-1187.e9	13.9	130
129	Adult rat myelin enhances axonal outgrowth from neural stem cells. *Science Translational Medicine*, **2018**, 10,	17.5	19
128	Peripheral blood gene expression reveals an inflammatory transcriptomic signature in Friedreich's ataxia patients. *Human Molecular Genetics*, **2018**, 27, 2965-2977	5.6	24
127	Genome-wide association study identifies locus influencing human plasma tau levels. *Neurology*, **2017**, 88, 669-676	6.5	26
126	Precipitous Deterioration of Motor Function, Cognition, and Behavior. *JAMA Neurology*, **2017**, 74, 591-596	17.2	
125	De Novo Coding Variants Are Strongly Associated with Tourette Disorder. *Neuron*, **2017**, 94, 486-499.e9	13.9	89
124	Sox11 Expression Promotes Regeneration of Some Retinal Ganglion Cell Types but Kills Others. *Neuron*, **2017**, 94, 1112-1120.e4	13.9	88
123	Rare Copy Number Variants in NRXN1 and CNTN6 Increase Risk for Tourette Syndrome. *Neuron*, **2017**, 94, 1101-1111.e7	13.9	103
122	Network degeneration and dysfunction in presymptomatic expansion carriers. *NeuroImage: Clinical*, **2017**, 14, 286-297	5.3	90
121	Ancient hybridization and strong adaptation to viruses across African vervet monkey populations. *Nature Genetics*, **2017**, 49, 1705-1713	36.3	76
120	Genetic variation and gene expression across multiple tissues and developmental stages in a nonhuman primate. *Nature Genetics*, **2017**, 49, 1714-1721	36.3	43

119	Self-Organized Cerebral Organoids with Human-Specific Features Predict Effective Drugs to Combat Zika Virus Infection. *Cell Reports*, **2017**, 21, 517-532	10.6	204
118	Clinicopathological correlations in behavioural variant frontotemporal dementia. *Brain*, **2017**, 140, 3329-3345	11.2	139
117	Wnt11 regulates cardiac chamber development and disease during perinatal maturation. *JCI Insight* , **2017**, 2,	9.9	14
116	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	14.3	9
115	Timing of Smarcb1 and Nf2 inactivation determines schwannoma versus rhabdoid tumor development. *Nature Communications*, **2017**, 8, 300	17.4	43
114	Neural Circuit-Specialized Astrocytes: Transcriptomic, Proteomic, Morphological, and Functional Evidence. *Neuron*, **2017**, 95, 531-549.e9	13.9	325
113	Enhanced Neuronal Regeneration in the CAST/Ei Mouse Strain Is Linked to Expression of Differentiation Markers after Injury. *Cell Reports*, **2017**, 20, 1136-1147	10.6	16
112	Activity-Dependent Regulation of Alternative Cleavage and Polyadenylation During Hippocampal Long-Term Potentiation. *Scientific Reports*, **2017**, 7, 17377	4.9	27
111	A152T tau allele causes neurodegeneration that can be ameliorated in a zebrafish model by autophagy induction. *Brain*, **2017**, 140, 1128-1146	11.2	62
110	Brain calcifications and variants. *Neurology: Genetics*, **2017**, 3, e166	3.8	9
109	Mapping Gene Expression in Excitatory Neurons during Hippocampal Late-Phase Long-Term Potentiation. *Frontiers in Molecular Neuroscience*, **2017**, 10, 39	6.1	25
108	Fine-mapping of the human leukocyte antigen locus as a risk factor for Alzheimer disease: A case-control study. *PLoS Medicine*, **2017**, 14, e1002272	11.6	39
107	Genetic Prion Disease Caused by PRNP Q160X Mutation Presenting with an Orbitofrontal Syndrome, Cyclic Diarrhea, and Peripheral Neuropathy. *Journal of Alzheimer's Disease*, **2017**, 55, 249-258	4.3	13
106	Early-onset Alzheimer's disease versus frontotemporal dementia: resolution with genetic diagnoses?. *Neurocase*, **2016**, 22, 161-7	0.8	2
105	Amyloid in dementia associated with familial FTLD: not an innocent bystander. *Neurocase*, **2016**, 22, 76-83	0.8	11
104	Increased prevalence of autoimmune disease within C9 and FTD/MND cohorts: Completing the picture. *Neurology: Neuroimmunology and NeuroInflammation*, **2016**, 3, e301	9.1	52
103	Distinct Subtypes of Behavioral Variant Frontotemporal Dementia Based on Patterns of Network Degeneration. *JAMA Neurology*, **2016**, 73, 1078-88	17.2	86
102	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	17.5	77

101	Timing and significance of pathological features in C9orf72 expansion-associated frontotemporal dementia. *Brain*, **2016**, 139, 3202-3216	11.2	90
100	Rare TREM2 variants associated with Alzheimer's disease display reduced cell surface expression. *Acta Neuropathologica Communications*, **2016**, 4, 98	7.3	32
99	Suberoylanilide hydroxamic acid increases progranulin production in iPSC-derived cortical neurons of frontotemporal dementia patients. *Neurobiology of Aging*, **2016**, 42, 35-40	5.6	14
98	Co-expression networks in generation of induced pluripotent stem cells. *Biology Open*, **2016**, 5, 300-10	2.2	3
97	Transcriptomics and the mechanisms of antidepressant efficacy. *European Neuropsychopharmacology*, **2016**, 26, 105-112	1.2	15
96	Differential regulation of type III secretion and virulence genes in Bordetella pertussis and Bordetella bronchiseptica by a secreted anti-[illegible]factor. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 2341-8	11.5	25
95	Neuropathology of Autosomal Dominant Alzheimer Disease in the National Alzheimer Coordinating Center Database. *Journal of Neuropathology and Experimental Neurology*, **2016**, 75, 284-90	3.1	55
94	A Systems-Level Analysis of the Peripheral Nerve Intrinsic Axonal Growth Program. *Neuron*, **2016**, 89, 956-70	13.9	206
93	Integrated genomics and proteomics define huntingtin CAG length-dependent networks in mice. *Nature Neuroscience*, **2016**, 19, 623-33	25.5	219
92	Primary familial brain calcification in a Norwegian family, caused by a novel SLC20A2 gene mutation. *Journal of Neurology*, **2016**, 263, 594-6	5.5	2
91	C9orf72 repeat expansions that cause frontotemporal dementia are detectable among patients with psychosis. *Psychiatry Research*, **2016**, 235, 200-2	9.9	19
90	Common variants in ABCA7 and MS4A6A are associated with cortical and hippocampal atrophy. *Neurobiology of Aging*, **2016**, 39, 82-9	5.6	33
89	Huntington's disease accelerates epigenetic aging of human brain and disrupts DNA methylation levels. *Aging*, **2016**, 8, 1485-512	5.6	138
88	Forward Genetic Screen in Suggests F57A10.2 and acp-4 As Suppressors of C9ORF72 Related Phenotypes. *Frontiers in Molecular Neuroscience*, **2016**, 9, 113	6.1	13
87	Characterization of Expression Quantitative Trait Loci in Pedigrees from Colombia and Costa Rica Ascertained for Bipolar Disorder. *PLoS Genetics*, **2016**, 12, e1006046	6	4
86	Identification of an Efficient Gene Expression Panel for Glioblastoma Classification. *PLoS ONE*, **2016**, 11, e0164649	3.7	8
85	Cardiac Dysfunction in the BACHD Mouse Model of Huntington's Disease. *PLoS ONE*, **2016**, 11, e0147269	3.7	25
84	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	6.9	28

83	New Transgenic Mouse Lines for Selectively Targeting Astrocytes and Studying Calcium Signals in Astrocyte Processes In Situ and In Vivo. *Neuron*, **2016**, 92, 1181-1195	13.9	171
82	Astrocyte scar formation aids central nervous system axon regeneration. *Nature*, **2016**, 532, 195-200	50.4	964
81	Inhibition of Nucleotide Synthesis Targets Brain Tumor Stem Cells in a Subset of Glioblastoma. *Molecular Cancer Therapeutics*, **2016**, 15, 1271-8	6.1	10
80	Progranulin Deficiency Promotes Circuit-Specific Synaptic Pruning by Microglia via Complement Activation. *Cell*, **2016**, 165, 921-35	56.2	378
79	Large-scale assessment of the gliomasphere model system. *Neuro-Oncology*, **2016**, 18, 1367-78	1	44
78	Decoding the Long Noncoding RNA During Cardiac Maturation: A Roadmap for Functional Discovery. *Circulation: Cardiovascular Genetics*, **2016**, 9, 395-407		28
77	Pathways and gene networks mediating the regulatory effects of cannabidiol, a nonpsychoactive cannabinoid, in autoimmune T cells. *Journal of Neuroinflammation*, **2016**, 13, 136	10.1	37
76	Widespread white matter and conduction defects in PSEN1-related spastic paraparesis. *Neurobiology of Aging*, **2016**, 47, 201-209	5.6	10
75	Incidence and impact of subclinical epileptiform activity in Alzheimer's disease. *Annals of Neurology*, **2016**, 80, 858-870	9.4	218
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5	CRISPR-Cas9 targeted deletion of the C9orf72 repeat expansion mutation corrects cellular phenotypes in patient-derived iPS cells		4
4	Rare copy number variants in NRXN1 and CNTN6 increase risk for Tourette syndrome		3
3	Establishment of a Human Induced Pluripotent Stem Cell-Derived Neuromuscular Co-Culture Under Optogenetic Control		3
2	Epigenetic clock and methylation studies in vervet monkeys		7
1	The burden of deleterious variants in a non-human primate biomedical model		3