

Michael R Hayden

List of Publications by Year in descending order

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764
papers

72,901
citations

433

131
h-index

1216

227
g-index

793
all docs

793
docs citations

793
times ranked

41418
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutations in ABC1 in Tangier disease and familial high-density lipoprotein deficiency. <i>Nature Genetics</i> , 1999, 22, 336-345.	9.4	1,609
2	Loss of Huntingtin-Mediated BDNF Gene Transcription in Huntington's Disease. <i>Science</i> , 2001, 293, 493-498.	6.0	1,191
3	Huntington disease. <i>Nature Reviews Disease Primers</i> , 2015, 1, 15005.	18.1	1,031
4	The relationship between trinucleotide (CAG) repeat length and clinical features of Huntington's disease. <i>Nature Genetics</i> , 1993, 4, 398-403.	9.4	1,002
5	Early mitochondrial calcium defects in Huntington's disease are a direct effect of polyglutamines. <i>Nature Neuroscience</i> , 2002, 5, 731-736.	7.1	925
6	Mutations in HFE2 cause iron overload in chromosome 1q-linked juvenile hemochromatosis. <i>Nature Genetics</i> , 2004, 36, 77-82.	9.4	900
7	Huntingtin interacts with REST/NRSF to modulate the transcription of NRSE-controlled neuronal genes. <i>Nature Genetics</i> , 2003, 35, 76-83.	9.4	807
8	A YAC Mouse Model for Huntington's Disease with Full-Length Mutant Huntingtin, Cytoplasmic Toxicity, and Selective Striatal Neurodegeneration. <i>Neuron</i> , 1999, 23, 181-192.	3.8	789
9	Targeted disruption of the Huntington's disease gene results in embryonic lethality and behavioral and morphological changes in heterozygotes. <i>Cell</i> , 1995, 81, 811-823.	13.5	758
10	A new model for prediction of the age of onset and penetrance for Huntington's disease based on CAG length. <i>Clinical Genetics</i> , 2004, 65, 267-277.	1.0	738
11	Selective striatal neuronal loss in a YAC128 mouse model of Huntington disease. <i>Human Molecular Genetics</i> , 2003, 12, 1555-1567.	1.4	713
12	Detection of Huntington's disease decades before diagnosis: the Predict-HD study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 874-880.	0.9	696
13	A gene encoding a putative GTPase regulator is mutated in familial amyotrophic lateral sclerosis 2. <i>Nature Genetics</i> , 2001, 29, 166-173.	9.4	635
14	Cleavage at the Caspase-6 Site Is Required for Neuronal Dysfunction and Degeneration Due to Mutant Huntingtin. <i>Cell</i> , 2006, 125, 1179-1191.	13.5	600
15	A Worldwide Study of the Huntington's Disease Mutation: The Sensitivity and Specificity of Measuring CAG Repeats. <i>New England Journal of Medicine</i> , 1994, 330, 1401-1406.	13.9	563
16	A novel pathogenic pathway of immune activation detectable before clinical onset in Huntington's disease. <i>Journal of Experimental Medicine</i> , 2008, 205, 1869-1877.	4.2	559
17	Increased Sensitivity to N-Methyl-D-Aspartate Receptor-Mediated Excitotoxicity in a Mouse Model of Huntington's Disease. <i>Neuron</i> , 2002, 33, 849-860.	3.8	553
18	Cleavage of huntingtin by apopain, a proapoptotic cysteine protease, is modulated by the polyglutamine tract. <i>Nature Genetics</i> , 1996, 13, 442-449.	9.4	545

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19	Caspase Cleavage of Gene Products Associated with Triplet Expansion Disorders Generates Truncated Fragments Containing the Polyglutamine Tract. <i>Journal of Biological Chemistry</i> , 1998, 273, 9158-9167.	1.6	499
20	Mutant huntingtin binds the mitochondrial fission GTPase dynamin-related protein-1 and increases its enzymatic activity. <i>Nature Medicine</i> , 2011, 17, 377-382.	15.2	467
21	Length of huntingtin and its polyglutamine tract influences localization and frequency of intracellular aggregates. <i>Nature Genetics</i> , 1998, 18, 150-154.	9.4	456
22	Mutant Huntingtin Impairs Axonal Trafficking in Mammalian Neurons In Vivo and In Vitro. <i>Molecular and Cellular Biology</i> , 2004, 24, 8195-8209.	1.1	454
23	Early Increase in Extrasynaptic NMDA Receptor Signaling and Expression Contributes to Phenotype Onset in Huntington's Disease Mice. <i>Neuron</i> , 2010, 65, 178-190.	3.8	448
24	The Psychological Consequences of Predictive Testing for Huntington's Disease. <i>New England Journal of Medicine</i> , 1992, 327, 1401-1405.	13.9	447
25	Intestinal ABCA1 directly contributes to HDL biogenesis in vivo. <i>Journal of Clinical Investigation</i> , 2006, 116, 1052-1062.	3.9	447
26	Huntingtin and Huntingtin-Associated Protein 1 Influence Neuronal Calcium Signaling Mediated by Inositol-(1,4,5) Triphosphate Receptor Type 1. <i>Neuron</i> , 2003, 39, 227-239.	3.8	442
27	Mutant frizzled-4 disrupts retinal angiogenesis in familial exudative vitreoretinopathy. <i>Nature Genetics</i> , 2002, 32, 326-330.	9.4	409
28	Targeted inactivation of hepatic Abca1 causes profound hypoalphalipoproteinemia and kidney hypercatabolism of apoA-I. <i>Journal of Clinical Investigation</i> , 2005, 115, 1333-1342.	3.9	407
29	Loss-of-function mutations in the Nav1.7 gene underlie congenital indifference to pain in multiple human populations. <i>Clinical Genetics</i> , 2007, 71, 311-319.	1.0	404
30	Differential modulation of endotoxin responsiveness by human caspase-12 polymorphisms. <i>Nature</i> , 2004, 429, 75-79.	13.7	395
31	Somatic and gonadal mosaicism of the Huntington disease gene CAG repeat in brain and sperm. <i>Nature Genetics</i> , 1994, 6, 409-414.	9.4	383
32	Balance between synaptic versus extrasynaptic NMDA receptor activity influences inclusions and neurotoxicity of mutant huntingtin. <i>Nature Medicine</i> , 2009, 15, 1407-1413.	15.2	381
33	Î²-cell ABCA1 influences insulin secretion, glucose homeostasis and response to thiazolidinedione treatment. <i>Nature Medicine</i> , 2007, 13, 340-347.	15.2	366
34	HIP1, a human homologue of <i>S. cerevisiae</i> Sla2p, interacts with membrane-associated huntingtin in the brain. <i>Nature Genetics</i> , 1997, 16, 44-53.	9.4	353
35	Wild-Type Huntingtin Protects from Apoptosis Upstream of Caspase-3. <i>Journal of Neuroscience</i> , 2000, 20, 3705-3713.	1.7	349
36	Mutations in the ABC 1 gene in familial HDL deficiency with defective cholesterol efflux. <i>Lancet</i> , The, 1999, 354, 1341-1346.	6.3	345

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37	Caspase Cleavage of Mutant Huntingtin Precedes Neurodegeneration in Huntington's Disease. <i>Journal of Neuroscience</i> , 2002, 22, 7862-7872.	1.7	344
38	IKK phosphorylates Huntingtin and targets it for degradation by the proteasome and lysosome. <i>Journal of Cell Biology</i> , 2009, 187, 1083-1099.	2.3	343
39	Pharmacogenomic Prediction of Anthracycline-Induced Cardiotoxicity in Children. <i>Journal of Clinical Oncology</i> , 2012, 30, 1422-1428.	0.8	341
40	Disturbed Ca ²⁺ signaling and apoptosis of medium spiny neurons in Huntington's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2602-2607.	3.3	336
41	More Codeine Fatalities After Tonsillectomy in North American Children. <i>Pediatrics</i> , 2012, 129, e1343-e1347.	1.0	334
42	Deficiency of ABCA1 Impairs Apolipoprotein E Metabolism in Brain. <i>Journal of Biological Chemistry</i> , 2004, 279, 41197-41207.	1.6	321
43	Inhibiting Caspase Cleavage of Huntingtin Reduces Toxicity and Aggregate Formation in Neuronal and Nonneuronal Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 19831-19838.	1.6	320
44	Relationship between stearyl-CoA desaturase activity and plasma triglycerides in human and mouse hypertriglyceridemia. <i>Journal of Lipid Research</i> , 2002, 43, 1899-1907.	2.0	318
45	Huntingtin Is Ubiquitinated and Interacts with a Specific Ubiquitin-conjugating Enzyme. <i>Journal of Biological Chemistry</i> , 1996, 271, 19385-19394.	1.6	313
46	Mutant huntingtin's effects on striatal gene expression in mice recapitulate changes observed in human Huntington's disease brain and do not differ with mutant huntingtin length or wild-type huntingtin dosage. <i>Human Molecular Genetics</i> , 2007, 16, 1845-1861.	1.4	304
47	CAG repeat expansion in Huntington disease determines age at onset in a fully dominant fashion. <i>Neurology</i> , 2012, 78, 690-695.	1.5	303
48	The Influence of Huntingtin Protein Size on Nuclear Localization and Cellular Toxicity. <i>Journal of Cell Biology</i> , 1998, 141, 1097-1105.	2.3	300
49	Age and residual cholesterol efflux affect HDL cholesterol levels and coronary artery disease in ABCA1 heterozygotes. <i>Journal of Clinical Investigation</i> , 2000, 106, 1263-1270.	3.9	295
50	A one-hit model of cell death in inherited neuronal degenerations. <i>Nature</i> , 2000, 406, 195-199.	13.7	294
51	Cell death attenuation by 'Usurpin', a mammalian DED-caspase homologue that precludes caspase-8 recruitment and activation by the CD-95 (Fas, APO-1) receptor complex. <i>Cell Death and Differentiation</i> , 1998, 5, 271-288.	5.0	293
52	Preparing for Preventive Clinical Trials. <i>Archives of Neurology</i> , 2006, 63, 883.	4.9	292
53	CAG repeat length and the age of onset in Huntington disease (HD): A review and validation study of statistical approaches. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 397-408.	1.1	289
54	Genetic variants in TPMT and COMT are associated with hearing loss in children receiving cisplatin chemotherapy. <i>Nature Genetics</i> , 2009, 41, 1345-1349.	9.4	287

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55	Choosing an animal model for the study of Huntington's disease. <i>Nature Reviews Neuroscience</i> , 2013, 14, 708-721.	4.9	287
56	Premature Atherosclerosis in Patients with Familial Chylomicronemia Caused by Mutations in the Lipoprotein Lipase Gene. <i>New England Journal of Medicine</i> , 1996, 335, 848-854.	13.9	286
57	Pharmacogenetics of Neonatal Opioid Toxicity Following Maternal Use of Codeine During Breastfeeding: A Case-Control Study. <i>Clinical Pharmacology and Therapeutics</i> , 2009, 85, 31-35.	2.3	284
58	Restoration of Endothelial Function by Increasing High-Density Lipoprotein in Subjects With Isolated Low High-Density Lipoprotein. <i>Circulation</i> , 2003, 107, 2944-2948.	1.6	283
59	Cognitive Dysfunction Precedes Neuropathology and Motor Abnormalities in the YAC128 Mouse Model of Huntington's Disease. <i>Journal of Neuroscience</i> , 2005, 25, 4169-4180.	1.7	282
60	Common Genetic Variation in <i>ABCA1</i> Is Associated With Altered Lipoprotein Levels and a Modified Risk for Coronary Artery Disease. <i>Circulation</i> , 2001, 103, 1198-1205.	1.6	280
61	Autophagy in Huntington disease and huntingtin in autophagy. <i>Trends in Neurosciences</i> , 2015, 38, 26-35.	4.2	277
62	Recruitment and activation of caspase-8 by the Huntingtin-interacting protein Hip-1 and a novel partner Hippi. <i>Nature Cell Biology</i> , 2002, 4, 95-105.	4.6	274
63	A Worldwide Assessment of the Frequency of Suicide, Suicide Attempts, or Psychiatric Hospitalization after Predictive Testing for Huntington Disease. <i>American Journal of Human Genetics</i> , 1999, 64, 1293-1304.	2.6	271
64	Huntingtin-Interacting Protein HIP14 Is a Palmitoyl Transferase Involved in Palmitoylation and Trafficking of Multiple Neuronal Proteins. <i>Neuron</i> , 2004, 44, 977-986.	3.8	271
65	Palmitoylation of huntingtin by HIP14 is essential for its trafficking and function. <i>Nature Neuroscience</i> , 2006, 9, 824-831.	7.1	266
66	ABCA1 mRNA and Protein Distribution Patterns Predict Multiple Different Roles and Levels of Regulation. <i>Laboratory Investigation</i> , 2002, 82, 273-283.	1.7	265
67	Molecular analysis of new mutations for Huntington's disease: intermediate alleles and sex of origin effects. <i>Nature Genetics</i> , 1993, 5, 174-179.	9.4	248
68	Absence of behavioral abnormalities and neurodegeneration in vivo despite widespread neuronal huntingtin inclusions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11402-11407.	3.3	247
69	NMDA receptor function in mouse models of Huntington disease. <i>Journal of Neuroscience Research</i> , 2001, 66, 525-539.	1.3	246
70	When good drugs go bad. <i>Nature</i> , 2007, 446, 975-977.	13.7	246
71	Potent and Selective Antisense Oligonucleotides Targeting Single-Nucleotide Polymorphisms in the Huntington Disease Gene / Allele-Specific Silencing of Mutant Huntingtin. <i>Molecular Therapy</i> , 2011, 19, 2178-2185.	3.7	246
72	Huntington's Chorea. , 1981, , .		246

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73	Pivotal role of ABCA1 in reverse cholesterol transport influencing HDL levels and susceptibility to atherosclerosis. <i>Journal of Lipid Research</i> , 2001, 42, 1717-1726.	2.0	244
74	Inhibition of Calpain Cleavage of Huntingtin Reduces Toxicity. <i>Journal of Biological Chemistry</i> , 2004, 279, 20211-20220.	1.6	242
75	Deranged neuronal calcium signaling and Huntington disease. <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 1310-1317.	1.0	236
76	A lipoprotein lipase mutation (Asn291Ser) is associated with reduced HDL cholesterol levels in premature atherosclerosis. <i>Nature Genetics</i> , 1995, 10, 28-34.	9.4	235
77	Efflux and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 1322-1332.	1.1	231
78	Mutant DNA-binding domain of HSF4 is associated with autosomal dominant lamellar and Marner cataract. <i>Nature Genetics</i> , 2002, 31, 276-278.	9.4	229
79	Predictive testing for Huntington disease in Canada: Adverse effects and unexpected results in those receiving a decreased risk. <i>American Journal of Medical Genetics Part A</i> , 1992, 42, 508-515.	2.4	225
80	Targeted inactivation of hepatic Abca1 causes profound hypoalphalipoproteinemia and kidney hypercatabolism of apoA-I. <i>Journal of Clinical Investigation</i> , 2005, 115, 1333-1342.	3.9	225
81	BDNF Overexpression in the Forebrain Rescues Huntington's Disease Phenotypes in YAC128 Mice. <i>Journal of Neuroscience</i> , 2010, 30, 14708-14718.	1.7	223
82	Increased ABCA1 activity protects against atherosclerosis. <i>Journal of Clinical Investigation</i> , 2002, 110, 35-42.	3.9	216
83	A coding variant in RARG confers susceptibility to anthracycline-induced cardiotoxicity in childhood cancer. <i>Nature Genetics</i> , 2015, 47, 1079-1084.	9.4	214
84	Kennedy's Disease. <i>Journal of Neurochemistry</i> , 1999, 72, 185-195.	2.1	211
85	Wild-Type Huntingtin Reduces the Cellular Toxicity of Mutant Huntingtin In Vivo. <i>American Journal of Human Genetics</i> , 2001, 68, 313-324.	2.6	210
86	CAG Expansion in the Huntington Disease Gene Is Associated with a Specific and Targetable Predisposing Haplogroup. <i>American Journal of Human Genetics</i> , 2009, 84, 351-366.	2.6	204
87	The Absence of ABCA1 Decreases Soluble ApoE Levels but Does Not Diminish Amyloid Deposition in Two Murine Models of Alzheimer Disease. <i>Journal of Biological Chemistry</i> , 2005, 280, 43243-43256.	1.6	203
88	An Actin-Binding Protein of the Sla2/Huntingtin Interacting Protein 1 Family Is a Novel Component of Clathrin-Coated Pits and Vesicles. <i>Journal of Cell Biology</i> , 1999, 147, 1503-1518.	2.3	202
89	Intramuscular Administration of AAV1-Lipoprotein Lipase ^{S447X} Lowers Triglycerides in Lipoprotein Lipase-Deficient Patients. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 2303-2304.	1.1	201
90	Expanded polyglutamines in <i>Caenorhabditis elegans</i> cause axonal abnormalities and severe dysfunction of PLM mechanosensory neurons without cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 13318-13323.	3.3	199

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91	Clinical markers of early disease in persons near onset of Huntington's disease. <i>Neurology</i> , 2001, 57, 658-662.	1.5	197
92	Specific caspase interactions and amplification are involved in selective neuronal vulnerability in Huntington's disease. <i>Cell Death and Differentiation</i> , 2004, 11, 424-438.	5.0	193
93	Molecular analysis of juvenile Huntington disease: the major influence on (CAG) _n repeat length is the sex of the affected parent. <i>Human Molecular Genetics</i> , 1993, 2, 1535-1540.	1.4	189
94	HIP14, a novel ankyrin domain-containing protein, links huntingtin to intracellular trafficking and endocytosis. <i>Human Molecular Genetics</i> , 2002, 11, 2815-2828.	1.4	189
95	Recommendations for genetic testing to reduce the incidence of anthracycline-induced cardiotoxicity. <i>British Journal of Clinical Pharmacology</i> , 2016, 82, 683-695.	1.1	188
96	Association between increased arterial-wall thickness and impairment in ABCA1-driven cholesterol efflux: an observational study. <i>Lancet</i> , 2002, 359, 37-41.	6.3	186
97	Beyond disgust: impaired recognition of negative emotions prior to diagnosis in Huntington's disease. <i>Brain</i> , 2007, 130, 1732-1744.	3.7	181
98	DNA haplotype analysis of Huntington disease reveals clues to the origins and mechanisms of CAG expansion and reasons for geographic variations of prevalence. <i>Human Molecular Genetics</i> , 1994, 3, 2103-2114.	1.4	178
99	Human ABCA1 BAC Transgenic Mice Show Increased High Density Lipoprotein Cholesterol and ApoA1-dependent Efflux Stimulated by an Internal Promoter Containing Liver X Receptor Response Elements in Intron 1. <i>Journal of Biological Chemistry</i> , 2001, 276, 33969-33979.	1.6	176
100	HIP1 Functions in Clathrin-mediated Endocytosis through Binding to Clathrin and Adaptor Protein 2. <i>Journal of Biological Chemistry</i> , 2001, 276, 39271-39276.	1.6	174
101	Mutant Huntingtin Enhances Excitotoxic Cell Death. <i>Molecular and Cellular Neurosciences</i> , 2001, 17, 41-53.	1.0	173
102	Homozygosity for CAG mutation in Huntington disease is associated with a more severe clinical course. <i>Brain</i> , 2003, 126, 946-955.	3.7	173
103	Positron emission tomography in the early diagnosis of Huntington's disease. <i>Neurology</i> , 1986, 36, 888-888.	1.5	171
104	Subtype-Specific Enhancement of NMDA Receptor Currents by Mutant Huntingtin. <i>Journal of Neurochemistry</i> , 2008, 72, 1890-1898.	2.1	166
105	Validation of variants in <i>SLC28A3</i> and <i>UGT1A6</i> as genetic markers predictive of anthracycline-induced cardiotoxicity in children. <i>Pediatric Blood and Cancer</i> , 2013, 60, 1375-1381.	0.8	166
106	Apolipoprotein B gene variants are involved in the determination of serum cholesterol levels: a study in normo- and hyperlipidaemic individuals. <i>Atherosclerosis</i> , 1987, 67, 81-89.	0.4	165
107	Predictive testing for Huntington disease in Canada: The experience of those receiving an increased risk. <i>American Journal of Medical Genetics Part A</i> , 1992, 42, 499-507.	2.4	163
108	Macrophage ATP-Binding Cassette Transporter A1 Overexpression Inhibits Atherosclerotic Lesion Progression in Low-Density Lipoprotein Receptor Knockout Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 929-934.	1.1	163

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109	Genetic and environmental factors affecting the incidence of coronary artery disease in heterozygous familial hypercholesterolemia.. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1991, 11, 290-297.	3.8	160
110	Age-Dependent Alterations of Corticostriatal Activity in the YAC128 Mouse Model of Huntington Disease. <i>Journal of Neuroscience</i> , 2009, 29, 2414-2427.	1.7	160
111	A highly polymorphic locus very tightly linked to the Huntington's disease gene. <i>Nature</i> , 1988, 332, 734-736.	13.7	159
112	Small Changes, Big Impact. <i>Neuroscientist</i> , 2011, 17, 475-492.	2.6	159
113	Differential effect of the rs4149056 variant in <i>SLCO1B1</i> on myopathy associated with simvastatin and atorvastatin. <i>Pharmacogenomics Journal</i> , 2012, 12, 233-237.	0.9	158
114	A CCG repeat polymorphism adjacent to the CAG repeat in the Huntington disease gene: implications for diagnostic accuracy and predictive testing. <i>Human Molecular Genetics</i> , 1994, 3, 65-67.	1.4	157
115	Huntingtin Bodies Sequester Vesicle-Associated Proteins by a Polyproline-Dependent Interaction. <i>Journal of Neuroscience</i> , 2004, 24, 269-281.	1.7	157
116	A missense mutation at codon 188 of the human lipoprotein lipase gene is a frequent cause of lipoprotein lipase deficiency in persons of different ancestries.. <i>Journal of Clinical Investigation</i> , 1990, 86, 728-734.	3.9	157
117	Selective degeneration and nuclear localization of mutant huntingtin in the YAC128 mouse model of Huntington disease. <i>Human Molecular Genetics</i> , 2005, 14, 3823-3835.	1.4	152
118	Potential of NMDA receptor-mediated excitotoxicity linked with intrinsic apoptotic pathway in YAC transgenic mouse model of Huntington's disease. <i>Molecular and Cellular Neurosciences</i> , 2004, 25, 469-479.	1.0	151
119	Automated deformation analysis in the YAC128 Huntington disease mouse model. <i>NeuroImage</i> , 2008, 39, 32-39.	2.1	150
120	Loss of wild-type huntingtin influences motor dysfunction and survival in the YAC128 mouse model of Huntington disease. <i>Human Molecular Genetics</i> , 2005, 14, 1379-1392.	1.4	149
121	A Genome Scan for Modifiers of Age at Onset in Huntington Disease: The HD MAPS Study. <i>American Journal of Human Genetics</i> , 2003, 73, 682-687.	2.6	148
122	Interaction of normal and expanded CAG repeat sizes influences age at onset of Huntington disease. , 2003, 119A, 279-282.		146
123	Wild-type huntingtin protects neurons from excitotoxicity. <i>Journal of Neurochemistry</i> , 2006, 96, 1121-1129.	2.1	145
124	Ethyl-EPA in Huntington disease: A double-blind, randomized, placebo-controlled trial. <i>Neurology</i> , 2005, 65, 286-292.	1.5	143
125	Predictive testing for Huntington disease: II. Demographic characteristics, life-style patterns, attitudes, and psychosocial assessments of the first fifty-one test candidates. <i>American Journal of Medical Genetics Part A</i> , 1989, 32, 217-224.	2.4	141
126	Lipoprotein Lipase S447X. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 1236-1245.	1.1	140

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127	HTT haplotypes contribute to differences in Huntington disease prevalence between Europe and East Asia. <i>European Journal of Human Genetics</i> , 2011, 19, 561-566.	1.4	140
128	Variations on a Gene: Rare and Common Variants in ABCA1 and Their Impact on HDL Cholesterol Levels and Atherosclerosis. <i>Annual Review of Nutrition</i> , 2006, 26, 105-129.	4.3	139
129	Accumulation of N-terminal mutant huntingtin in mouse and monkey models implicated as a pathogenic mechanism in Huntington's disease. <i>Human Molecular Genetics</i> , 2008, 17, 2738-2751.	1.4	139
130	Neuronal palmitoyl acyl transferases exhibit distinct substrate specificity. <i>FASEB Journal</i> , 2009, 23, 2605-2615.	0.2	138
131	Rational design of antisense oligonucleotides targeting single nucleotide polymorphisms for potent and allele selective suppression of mutant Huntingtin in the CNS. <i>Nucleic Acids Research</i> , 2013, 41, 9634-9650.	6.5	138
132	Elevated brain 3-hydroxykynurenine and quinolinate levels in Huntington disease mice. <i>Neurobiology of Disease</i> , 2006, 23, 190-197.	2.1	137
133	Cholesterol Defect Is Marked across Multiple Rodent Models of Huntington's Disease and Is Manifest in Astrocytes. <i>Journal of Neuroscience</i> , 2010, 30, 10844-10850.	1.7	136
134	Prevention of depressive behaviour in the YAC128 mouse model of Huntington disease by mutation at residue 586 of huntingtin. <i>Brain</i> , 2008, 132, 919-932.	3.7	135
135	Predictive, pre-natal and diagnostic genetic testing for Huntington's disease: the experience in Canada from 1987 to 2000. <i>Clinical Genetics</i> , 2003, 63, 462-475.	1.0	134
136	Identification of a Novel Gene (HSN2) Causing Hereditary Sensory and Autonomic Neuropathy Type II through the Study of Canadian Genetic Isolates. <i>American Journal of Human Genetics</i> , 2004, 74, 1064-1073.	2.6	133
137	Huntingtin Associates with Acidic Phospholipids at the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2005, 280, 36464-36473.	1.6	133
138	A functional ABCA1 gene variant is associated with low HDL-cholesterol levels and shows evidence of positive selection in Native Americans. <i>Human Molecular Genetics</i> , 2010, 19, 2877-2885.	1.4	133
139	Rethinking Genotype and Phenotype Correlations in Polyglutamine Expansion Disorders. <i>Human Molecular Genetics</i> , 1997, 6, 2005-2010.	1.4	132
140	Modeling Doxorubicin-Induced Cardiotoxicity in Human Pluripotent Stem Cell Derived-Cardiomyocytes. <i>Scientific Reports</i> , 2016, 6, 25333.	1.6	130
141	Length of Uninterrupted CAG, Independent of Polyglutamine Size, Results in Increased Somatic Instability, Hastening Onset of Huntington Disease. <i>American Journal of Human Genetics</i> , 2019, 104, 1116-1126.	2.6	130
142	Increased instability of intermediate alleles in families with sporadic Huntington disease compared to similar sized intermediate alleles in the general population. <i>Human Molecular Genetics</i> , 1995, 4, 1911-1918.	1.4	129
143	Increased huntingtin protein length reduces the number of polyglutamine-induced gene expression changes in mouse models of Huntington's disease. <i>Human Molecular Genetics</i> , 2002, 11, 1939-1951.	1.4	129
144	Phenotypic Variation in Heterozygous Familial Hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 309-315.	1.1	128

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145	Als2-deficient mice exhibit disturbances in endosome trafficking associated with motor behavioral abnormalities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9595-9600.	3.3	128
146	Huntingtin phosphorylation on serine 421 is significantly reduced in the striatum and by polyglutamine expansion in vivo. <i>Human Molecular Genetics</i> , 2005, 14, 1569-1577.	1.4	126
147	Multisource ascertainment of Huntington disease in Canada: Prevalence and population at risk. <i>Movement Disorders</i> , 2014, 29, 105-114.	2.2	125
148	Cholesterol in islet dysfunction and type 2 diabetes. <i>Journal of Clinical Investigation</i> , 2008, 118, 403-408.	3.9	125
149	A novel apoA-I mutation (L178P) leads to endothelial dysfunction, increased arterial wall thickness, and premature coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2004, 44, 1429-1435.	1.2	124
150	Mitochondrial-Dependent Ca ²⁺ Handling in Huntington's Disease Striatal Cells: Effect of Histone Deacetylase Inhibitors. <i>Journal of Neuroscience</i> , 2006, 26, 11174-11186.	1.7	124
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