

# Anthony J Hannan

## List of Publications by Year in descending order

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232  
papers

13,294  
citations

26567

56  
h-index

28224

105  
g-index

247  
all docs

247  
docs citations

247  
times ranked

12808  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mice with an autism-associated R451C mutation in neuroligin-3 show a cautious but accurate response style in touchscreen attention tasks. <i>Genes, Brain and Behavior</i> , 2022, 21, e12757.	1.1	11
2	Long-lasting housing environment manipulation and acute loss of environmental enrichment impact BALB/c mice behaviour in multiple functional domains. <i>European Journal of Neuroscience</i> , 2022, 55, 1118-1140.	1.2	6
3	Quantitative Phosphoproteomics Reveals Extensive Protein Phosphorylation Dysregulation in the Cerebral Cortex of Huntington's Disease Mice Prior to Onset of Symptoms. <i>Molecular Neurobiology</i> , 2022, 59, 2456-2471.	1.9	11
4	Sex-dependent effects of chronic exercise on cognitive flexibility but not hippocampal Bdnf in aging mice. <i>Neuronal Signaling</i> , 2022, 6, NS20210053.	1.7	6
5	Loss-of-function and gain-of-function studies refute the hypothesis that tau protein is causally involved in the pathogenesis of Huntington's disease. <i>Human Molecular Genetics</i> , 2022, 31, 1997-2009.	1.4	2
6	Gene-environment-gut interactions in Huntington's disease mice are associated with environmental modulation of the gut microbiome. <i>IScience</i> , 2022, 25, 103687.	1.9	20
7	International data governance for neuroscience. <i>Neuron</i> , 2022, 110, 600-612.	3.8	28
8	Alterations in the Gut Fungal Community in a Mouse Model of Huntington's Disease. <i>Microbiology Spectrum</i> , 2022, 10, e0219221.	1.2	11
9	Transgenerational epigenetic impacts of parental infection on offspring health and disease susceptibility. <i>Trends in Genetics</i> , 2022, 38, 662-675.	2.9	10
10	Intergenerational effects of a paternal Western diet during adolescence on offspring gut microbiota, stress reactivity, and social behavior. <i>FASEB Journal</i> , 2022, 36, e21981.	0.2	8
11	Short-Term Environmental Enrichment is a Stronger Modulator of Brain Glial Cells and Cervical Lymph Node T Cell Subtypes than Exercise or Combined Exercise and Enrichment. <i>Cellular and Molecular Neurobiology</i> , 2021, 41, 469-486.	1.7	7
12	Evaluation of attention in APP/PS1 mice shows impulsive and compulsive behaviours. <i>Genes, Brain and Behavior</i> , 2021, 20, e12594.	1.1	18
13	Assessing attention orienting in mice: a novel touchscreen adaptation of the Posner-style cueing task. <i>Neuropsychopharmacology</i> , 2021, 46, 432-441.	2.8	9
14	An integrated metagenomics and metabolomics approach implicates the microbiota-gut-brain axis in the pathogenesis of Huntington's disease. <i>Neurobiology of Disease</i> , 2021, 148, 105199.	2.1	52
15	Repeat DNA expands our understanding of autism spectrum disorder. <i>Nature</i> , 2021, 589, 200-202.	13.7	19
16	Small Non-coding RNAs Are Dysregulated in Huntington's Disease Transgenic Mice Independently of the Therapeutic Effects of an Environmental Intervention. <i>Molecular Neurobiology</i> , 2021, 58, 3308-3318.	1.9	11
17	Exercise ameliorates aberrant synaptic plasticity without enhancing adult-born cell survival in the hippocampus of serotonin transporter knockout mice. <i>Brain Structure and Function</i> , 2021, 226, 1991-1999.	1.2	7
18	Exercise mimetics: harnessing the therapeutic effects of physical activity. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 862-879.	21.5	55

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19	TNF signaling via TNF receptors does not mediate the effects of short-term exercise on cognition, anxiety and depressive-like behaviors in middle-aged mice. <i>Behavioural Brain Research</i> , 2021, 408, 113269.	1.2	0
20	Plastic brains and gastrointestinal strains: The microbiota-gut-brain axis as a modulator of cellular plasticity and cognitive function (commentary on Darch et al., 2021). <i>European Journal of Neuroscience</i> , 2021, 54, 5245-5248.	1.2	3
21	Of "junk food" and "brain food": how parental diet influences offspring neurobiology and behaviour. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 566-578.	3.1	21
22	Progressive impairments in executive function in the APP/PS1 model of Alzheimer's disease as measured by translatable touchscreen testing. <i>Neurobiology of Aging</i> , 2021, 108, 58-71.	1.5	4
23	Neurological, neuropsychiatric and neurodevelopmental complications of COVID-19. <i>Australian and New Zealand Journal of Psychiatry</i> , 2021, 55, 750-762.	1.3	35
24	A Preclinical Model of Computerized Cognitive Training: Touchscreen Cognitive Testing Enhances Cognition and Hippocampal Cellular Plasticity in Wildtype and Alzheimer's Disease Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 766745.	1.0	6
25	Microbiome profiling reveals gut dysbiosis in a transgenic mouse model of Huntington's disease. <i>Neurobiology of Disease</i> , 2020, 135, 104268.	2.1	118
26	Exercise, diet and stress as modulators of gut microbiota: Implications for neurodegenerative diseases. <i>Neurobiology of Disease</i> , 2020, 134, 104621.	2.1	210
27	Brain Zinc Deficiency Exacerbates Cognitive Decline in the R6/1 Model of Huntington's Disease. <i>Neurotherapeutics</i> , 2020, 17, 243-251.	2.1	15
28	Diet-Induced Modification of the Sperm Epigenome Programs Metabolism and Behavior. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 131-149.	3.1	38
29	Parental mental health before and during pregnancy and offspring birth outcomes: A 20-year preconception cohort of maternal and paternal exposure. <i>EClinicalMedicine</i> , 2020, 27, 100564.	3.2	13
30	Microbiome Profiling Reveals Gut Dysbiosis in the Metabotropic Glutamate Receptor 5 Knockout Mouse Model of Schizophrenia. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 582320.	1.8	16
31	Gut dysbiosis in Huntington's disease: associations among gut microbiota, cognitive performance and clinical outcomes. <i>Brain Communications</i> , 2020, 2, fcaa110.	1.5	98
32	Limitations to intergenerational inheritance: subchronic paternal stress preconception does not influence offspring anxiety. <i>Scientific Reports</i> , 2020, 10, 16050.	1.6	10
33	Expanding genes, repeating themes and therapeutic schemes: The neurobiology of tandem repeat disorders. <i>Neurobiology of Disease</i> , 2020, 144, 105053.	2.1	2
34	Pathogenic Infection in Male Mice Changes Sperm Small RNA Profiles and Transgenerationally Alters Offspring Behavior. <i>Cell Reports</i> , 2020, 31, 107573.	2.9	44
35	How the enriched get richer? Experience-dependent modulation of microRNAs and the therapeutic effects of environmental enrichment. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 195, 172940.	1.3	4
36	Environmental enrichment modulates affiliative and aggressive social behaviour in the neuroigin-3 R451C mouse model of autism spectrum disorder. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 195, 172955.	1.3	12

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37	Preconceptual paternal environmental stimulation alters behavioural phenotypes and adaptive responses intergenerationally in Swiss mice. <i>Physiology and Behavior</i> , 2020, 223, 112968.	1.0	7
38	Why Woody got the blues: The neurobiology of depression in Huntington's disease. <i>Neurobiology of Disease</i> , 2020, 142, 104958.	2.1	29
39	Antidepressant-like effects of ketamine in a mouse model of serotonergic dysfunction. <i>Neuropharmacology</i> , 2020, 168, 107998.	2.0	17
40	Effects of aging on the motor, cognitive and affective behaviors, neuroimmune responses and hippocampal gene expression. <i>Behavioural Brain Research</i> , 2020, 383, 112501.	1.2	18
41	Epimimetics: Novel Therapeutics Targeting Epigenetic Mediators and Modulators. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 232-235.	4.0	9
42	Duration of Environmental Enrichment Determines Astrocyte Number and Cervical Lymph Node T Lymphocyte Proportions but Not the Microglial Number in Middle-Aged C57BL/6 Mice. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 57.	1.8	9
43	Paternal bloodlines sculpting seminal concepts: circulating factors as mediators of transgenerational 'epigenopathy' and 'epigenetic resilience'. <i>EMBO Journal</i> , 2020, 39, e107014.	3.5	3
44	Investigating the relationships between hypothalamic volume and measures of circadian rhythm and habitual sleep in premanifest Huntington's disease. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2019, 6, 1-8.	1.4	32
45	Short-term environmental enrichment, and not physical exercise, alleviate cognitive decline and anxiety from middle age onwards without affecting hippocampal gene expression. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 1143-1169.	1.0	17
46	Environmental Stimulation Modulating the Pathophysiology of Neurodevelopmental Disorders. , 2019, , 31-54.		1
47	Paradoxical effects of exercise on hippocampal plasticity and cognition in mice with a heterozygous null mutation in the serotonin transporter gene. <i>British Journal of Pharmacology</i> , 2019, 176, 3279-3296.	2.7	7
48	Editorial: Environmental Enrichment: Enhancing Neural Plasticity, Resilience, and Repair. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 75.	1.0	21
49	The effects of short-term and long-term environmental enrichment on locomotion, mood-like behavior, cognition and hippocampal gene expression. <i>Behavioural Brain Research</i> , 2019, 368, 111917.	1.2	26
50	Stress and Glucocorticoids as Experience-Dependent Modulators of Huntington's Disease. , 2019, , 243-278.		0
51	Environmental enrichment as an experience-dependent modulator of social plasticity and cognition. <i>Brain Research</i> , 2019, 1717, 1-14.	1.1	39
52	A Neuroethics Framework for the Australian Brain Initiative. <i>Neuron</i> , 2019, 101, 365-369.	3.8	11
53	Impaired social behaviour and molecular mediators of associated neural circuits during chronic <i>Toxoplasma gondii</i> infection in female mice. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 88-108.	2.0	28
54	Mutations in neuroligin-3 in male mice impact behavioral flexibility but not relational memory in a touchscreen test of visual transitive inference. <i>Molecular Autism</i> , 2019, 10, 42.	2.6	18

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55	Therapeutic impacts of environmental enrichment: Neurobiological mechanisms informing molecular targets for enviromimetics. <i>Neuropharmacology</i> , 2019, 145, 1-2.	2.0	8
56	Toxoplasmosis: A pathway to neuropsychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 96, 72-92.	2.9	72
57	High-Frequency Neuronal Oscillatory Abnormalities in the Phospholipase C- $\beta$ 1 Knockout Mouse Model of Schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 221-231.	1.0	5
58	Novel approaches to alcohol rehabilitation: Modification of stress-responsive brain regions through environmental enrichment. <i>Neuropharmacology</i> , 2019, 145, 25-36.	2.0	18
59	Transgenerational epigenetic influences of paternal environmental exposures on brain function and predisposition to psychiatric disorders. <i>Molecular Psychiatry</i> , 2019, 24, 536-548.	4.1	89
60	Gene-environment interactions informing therapeutic approaches to cognitive and affective disorders. <i>Neuropharmacology</i> , 2019, 145, 37-48.	2.0	52
61	Molecular mediators, environmental modulators and experience-dependent synaptic dysfunction in Huntington's disease.. <i>Acta Biochimica Polonica</i> , 2019, 51, 415-430.	0.3	19
62	Experience-dependent modulation of neurodegenerative disorders. , 2019, , 116-142.		0
63	Tandem repeats mediating genetic plasticity in health and disease. <i>Nature Reviews Genetics</i> , 2018, 19, 286-298.	7.7	300
64	Touchscreen testing reveals clinically relevant cognitive abnormalities in a mouse model of schizophrenia lacking metabotropic glutamate receptor 5. <i>Scientific Reports</i> , 2018, 8, 16412.	1.6	33
65	Short-Term Environmental Stimulation Spatiotemporally Modulates Specific Serotonin Receptor Gene Expression and Behavioral Pharmacology in a Sexually Dimorphic Manner in Huntington's Disease Transgenic Mice. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 433.	1.4	10
66	Transgenic Mouse Models as Tools for Understanding How Increased Cognitive and Physical Stimulation Can Improve Cognition in Alzheimer's Disease. <i>Brain Plasticity</i> , 2018, 4, 127-150.	1.9	20
67	Sex-Dependent Effects of Environmental Enrichment on Spatial Memory and Brain-Derived Neurotrophic Factor (BDNF) Signaling in a Developmental "Two-Hit" Mouse Model Combining BDNF Haploinsufficiency and Chronic Glucocorticoid Stimulation. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 227.	1.0	13
68	The Impact of Inflammation on Brain Function and Behavior in Rodent Models of Affective Disorders. , 2018, , 85-102.		2
69	Tandem Repeats and Repeatomes: Delving Deeper into the "Dark Matter" of Genomes. <i>EBioMedicine</i> , 2018, 31, 3-4.	2.7	12
70	Hypersensitivity to sertraline in the absence of hippocampal 5-HT1AR and 5-HTT gene expression changes following paternal corticosterone treatment. <i>Environmental Epigenetics</i> , 2018, 4, dvy015.	0.9	5
71	Stressing the Seminal Role of Paternal Experience in Transgenerational "Epigenopathy" Affecting Offspring Health and Disease Susceptibility. <i>Neuroscience</i> , 2018, 388, 472-473.	1.1	5
72	Synaptopathy, circuitopathy and the computational biology of Huntington's disease. <i>BMC Biology</i> , 2018, 16, 71.	1.7	12

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73	Environmental enrichment: neurophysiological responses and consequences for health. , 2018, , 71-78.		1
74	Paternal environmental enrichment transgenerationally alters affective behavioral and neuroendocrine phenotypes. Psychoneuroendocrinology, 2017, 77, 225-235.	1.3	45
75	Environmental enrichment enhances cognitive flexibility in C57BL/6 mice on a touchscreen reversal learning task. Neuropharmacology, 2017, 117, 219-226.	2.0	53
76	Isoform specific differences in phospholipase C beta 1 expression in the prefrontal cortex in schizophrenia and suicide. NPJ Schizophrenia, 2017, 3, 19.	2.0	20
77	Exercise alters mouse sperm small noncoding RNAs and induces a transgenerational modification of male offspring conditioned fear and anxiety. Translational Psychiatry, 2017, 7, e1114-e1114.	2.4	134
78	Environmental enrichment reduces innate anxiety with no effect on depression-like behaviour in mice lacking the serotonin transporter. Behavioural Brain Research, 2017, 332, 355-361.	1.2	31
79	Elevated paternal glucocorticoid exposure modifies memory retention in female offspring. Psychoneuroendocrinology, 2017, 83, 9-18.	1.3	26
80	Synaptopathic mechanisms of neurodegeneration and dementia: Insights from Huntingtonâ€™s disease. Progress in Neurobiology, 2017, 153, 18-45.	2.8	52
81	Transgenerational paternal transmission of acquired traits: stress-induced modification of the sperm regulatory transcriptome and offspring phenotypes. Current Opinion in Behavioral Sciences, 2017, 14, 140-147.	2.0	44
82	Translatable Models of Brain and Cognitive Reserve. , 2017, , 79-104.		1
83	Search strategy selection in the Morris water maze indicates allocentric map formation during learning that underpins spatial memory formation. Neurobiology of Learning and Memory, 2017, 139, 37-49.	1.0	52
84	Transcriptional profiles for distinct aggregation states of mutant Huntingtin exon 1 protein unmask new Huntington's disease pathways. Molecular and Cellular Neurosciences, 2017, 83, 103-112.	1.0	23
85	Huntingtonâ€™s Disease: Pathogenic Mechanisms and Therapeutic Targets. Advances in Neurobiology, 2017, 15, 93-128.	1.3	10
86	[P2â€™071]: ABSENCE OF TASK LEARNING IN THE APP/PS1 MOUSE MODEL OF ALZHEIMER'S DISEASE AS MEASURED BY TRANSLATABLE TOUCHSCREEN TECHNOLOGY. Alzheimer's and Dementia, 2017, 13, P632.	0.4	1
87	Social Isolation Alters Social and Mating Behavior in the R451C Neuroligin Mouse Model of Autism. Neural Plasticity, 2017, 2017, 1-9.	1.0	14
88	Therapeutic Effects of Anthocyanins and Environmental Enrichment in R6/1 Huntingtonâ€™s Disease Mice. Journal of Huntington's Disease, 2016, 5, 285-296.	0.9	22
89	N-acetylcysteine modulates glutamatergic dysfunction and depressive behavior in Huntingtonâ€™s disease. Human Molecular Genetics, 2016, 25, ddw144.	1.4	34
90	Dissociating the therapeutic effects of environmental enrichment and exercise in a mouse model of anxiety with cognitive impairment. Translational Psychiatry, 2016, 6, e794-e794.	2.4	43

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91	Thinking with your stomach? Gut feelings on microbiome modulation of brain structure and function (Commentary on Luczynski <i>et al</i> ). <i>European Journal of Neuroscience</i> , 2016, 44, 2652-2653.	1.2	3
92	Neuroendocrine and neurotrophic signaling in Huntington's disease: Implications for pathogenic mechanisms and treatment strategies. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 444-454.	2.9	21
93	Translational Assays for Assessment of Cognition in Rodent Models of Alzheimer's Disease and Dementia. <i>Journal of Molecular Neuroscience</i> , 2016, 60, 371-382.	1.1	32
94	Elevated paternal glucocorticoid exposure alters the small noncoding RNA profile in sperm and modifies anxiety and depressive phenotypes in the offspring. <i>Translational Psychiatry</i> , 2016, 6, e837-e837.	2.4	190
95	Affective dysfunction in a mouse model of Rett syndrome: Therapeutic effects of environmental stimulation and physical activity. <i>Developmental Neurobiology</i> , 2016, 76, 209-224.	1.5	22
96	Cognitive endophenotypes, gene-environment interactions and experience-dependent plasticity in animal models of schizophrenia. <i>Biological Psychology</i> , 2016, 116, 82-89.	1.1	34
97	What's wrong with my mouse cage? Methodological considerations for modeling lifestyle factors and gene-environment interactions in mice. <i>Journal of Neuroscience Methods</i> , 2016, 265, 99-108.	1.3	32
98	Brain Cholesterol Synthesis and Metabolism is Progressively Disturbed in the R6/1 Mouse Model of Huntington's Disease: A Targeted GC-MS/MS Sterol Analysis. <i>Journal of Huntington's Disease</i> , 2015, 4, 305-318.	0.9	19
99	Environmental Modulations of the Number of Midbrain Dopamine Neurons in Adult Mice. <i>Journal of Visualized Experiments</i> , 2015, , 52329.	0.2	6
100	Loss of the Sexually Dimorphic Neuro-Inflammatory Response in a Transgenic Mouse Model of Huntington's Disease. <i>Journal of Huntington's Disease</i> , 2015, 4, 297-303.	0.9	7
101	A neuroligin-3 mutation implicated in autism causes abnormal aggression and increases repetitive behavior in mice. <i>Molecular Autism</i> , 2015, 6, 62.	2.6	66
102	N-Acetylcysteine improves mitochondrial function and ameliorates behavioral deficits in the R6/1 mouse model of Huntington's disease. <i>Translational Psychiatry</i> , 2015, 5, e492-e492.	2.4	105
103	Reduced susceptibility to induced seizures in the Neuroligin-3R451C mouse model of autism. <i>Neuroscience Letters</i> , 2015, 589, 57-61.	1.0	18
104	The Role of Epigenetic Change in Autism Spectrum Disorders. <i>Frontiers in Neurology</i> , 2015, 6, 107.	1.1	186
105	Environmental Enrichment Ameliorates Behavioral Impairments Modeling Schizophrenia in Mice Lacking Metabotropic Glutamate Receptor 5. <i>Neuropsychopharmacology</i> , 2015, 40, 1947-1956.	2.8	58
106	Environmental factors as modulators of neurodegeneration: Insights from gene-environment interactions in Huntington's disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 52, 178-192.	2.9	84
107	Decreased expression of mGluR5 within the dorsolateral prefrontal cortex in autism and increased microglial number in mGluR5 knockout mice: Pathophysiological and neurobehavioral implications. <i>Brain, Behavior, and Immunity</i> , 2015, 49, 197-205.	2.0	43
108	The influence of the HPA axis on stress response and depressive-like behaviour in a transgenic mouse model of Huntington's disease. <i>Experimental Neurology</i> , 2015, 263, 63-71.	2.0	29

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109	Novel ethological endophenotypes in a transgenic mouse model of Huntington's disease. <i>Behavioural Brain Research</i> , 2015, 276, 17-27.	1.2	10
110	Identifying novel interventional strategies for psychiatric disorders: integrating genomics, <i>â€œenviromicsâ€™</i> and geneâ€™environment interactions in valid preclinical models. <i>British Journal of Pharmacology</i> , 2014, 171, 4719-4728.	2.7	38
111	Vascular Endothelial Growth Factor and Brain-Derived Neurotrophic Factor in Quetiapine Treated First-Episode Psychosis. <i>Schizophrenia Research and Treatment</i> , 2014, 2014, 1-10.	0.7	23
112	Sexâ€™specific disruptions in spatial memory and anhedonia in a <i>â€™two hitâ€™</i> rat model correspond with alterations in hippocampal brainâ€™derived neurotrophic factor expression and signaling. <i>Hippocampus</i> , 2014, 24, 1197-1211.	0.9	84
113	Sexually dimorphic dopaminergic dysfunction in a transgenic mouse model of Huntington's disease. <i>Pharmacology Biochemistry and Behavior</i> , 2014, 127, 15-20.	1.3	10
114	Effects of chronic stress on the onset and progression of Huntington's disease in transgenic mice. <i>Neurobiology of Disease</i> , 2014, 71, 81-94.	2.1	36
115	Review: Environmental enrichment and brain repair: harnessing the therapeutic effects of cognitive stimulation and physical activity to enhance experienceâ€™dependent plasticity. <i>Neuropathology and Applied Neurobiology</i> , 2014, 40, 13-25.	1.8	197
116	Localized changes to glycogen synthase kinase-3 and collapsin response mediator protein-2 in the Huntington's disease affected brain. <i>Human Molecular Genetics</i> , 2014, 23, 4051-4063.	1.4	41
117	Long-term effects of combined neonatal and adolescent stress on brain-derived neurotrophic factor and dopamine receptor expression in the rat forebrain. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2126-2135.	1.8	35
118	Ethological endophenotypes are altered by elevated stress hormone levels in both Huntington's disease and wildtype mice. <i>Behavioural Brain Research</i> , 2014, 274, 118-127.	1.2	7
119	High stress hormone levels accelerate the onset of memory deficits in male Huntington's disease mice. <i>Neurobiology of Disease</i> , 2014, 69, 248-262.	2.1	27
120	<i>â€™Super-Enrichmentâ€™</i> Reveals Dose-Dependent Therapeutic Effects of Environmental Stimulation in a Transgenic Mouse Model of Huntington's Disease. <i>Journal of Huntington's Disease</i> , 2014, 3, 299-309.	0.9	35
121	Beyond loss of frataxin: the complex molecular pathology of Friedreich ataxia. <i>Discovery Medicine</i> , 2014, 17, 25-35.	0.5	21
122	The relationship between cortisol and verbal memory in the early stages of Huntingtonâ€™s disease. <i>Journal of Neurology</i> , 2013, 260, 891-902.	1.8	19
123	Impaired basal and running-induced hippocampal neurogenesis coincides with reduced Akt signaling in adult R6/1 HD mice. <i>Molecular and Cellular Neurosciences</i> , 2013, 54, 93-107.	1.0	28
124	Nature, nurture and neurobiology: Geneâ€™environment interactions in neuropsychiatric disorders. <i>Neurobiology of Disease</i> , 2013, 57, 1-4.	2.1	4
125	Epigenetic modifications in trinucleotide repeat diseases. <i>Trends in Molecular Medicine</i> , 2013, 19, 655-663.	3.5	42
126	Depressionâ€™related behaviours displayed by female <i>C57BL/6J</i> mice during abstinence from chronic ethanol consumption are rescued by wheelâ€™running. <i>European Journal of Neuroscience</i> , 2013, 37, 1803-1810.	1.2	62



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127	Enhancement of cognitive function in models of brain disease through environmental enrichment and physical activity. <i>Neuropharmacology</i> , 2013, 64, 515-528.	2.0	145
128	Cortisol and depression in pre-diagnosed and early stage Huntington's disease. <i>Psychoneuroendocrinology</i> , 2013, 38, 2439-2447.	1.3	40
129	Effects of environmental manipulations in genetically targeted animal models of affective disorders. <i>Neurobiology of Disease</i> , 2013, 57, 12-27.	2.1	25
130	Tissue-type plasminogen activator is an extracellular mediator of Purkinje cell damage and altered gait. <i>Experimental Neurology</i> , 2013, 249, 8-19.	2.0	12
131	Short-term memory acquisition in female Huntington's disease mice is vulnerable to acute stress. <i>Behavioural Brain Research</i> , 2013, 253, 318-322.	1.2	25
132	Differential effects of early environmental enrichment on emotionality related behaviours in Huntington's disease transgenic mice. <i>Journal of Physiology</i> , 2013, 591, 41-55.	1.3	40
133	Dysregulation of synaptic proteins, dendritic spine abnormalities and pathological plasticity of synapses as experience-dependent mediators of cognitive and psychiatric symptoms in Huntington's disease. <i>Neuroscience</i> , 2013, 251, 66-74.	1.1	77
134	Characterizing Social Behavior in Genetically Targeted Mouse Models of Brain Disorders. <i>Methods in Molecular Biology</i> , 2013, 1017, 95-104.	0.4	5
135	Translating preclinical environmental enrichment studies for the treatment of autism and other brain disorders: Comment on Woo and Leon (2013). <i>Behavioral Neuroscience</i> , 2013, 127, 606-609.	0.6	7
136	Positive environmental modification of depressive phenotype and abnormal hypothalamic-pituitary-adrenal axis activity in female C57BL/6J mice during abstinence from chronic ethanol consumption. <i>Frontiers in Pharmacology</i> , 2013, 4, 93.	1.6	31
137	Decanalization mediating gene-environment interactions in schizophrenia and other psychiatric disorders with neurodevelopmental etiology. <i>Frontiers in Behavioral Neuroscience</i> , 2013, 7, 157.	1.0	16
138	A Tale of Two Maladies? Pathogenesis of Depression with and without the Huntington's Disease Gene Mutation. <i>Frontiers in Neurology</i> , 2013, 4, 81.	1.1	28
139	Noninvasive Strategies to Optimise Brain Plasticity: From Basic Research to Clinical Perspectives. <i>Neural Plasticity</i> , 2013, 2013, 1-2.	1.0	60
140	Towards Environmental Construct Validity in Animal Models of CNS Disorders: Optimizing Translation of Preclinical Studies. <i>CNS and Neurological Disorders - Drug Targets</i> , 2013, 12, 587-592.	0.8	20
141	Constituents, organization and processes of the human brain. <i>Advances in Consciousness Research</i> , 2013, , 15-36.	0.2	0
142	Environmental enrichment rescues female-specific hyperactivity of the hypothalamic-pituitary-adrenal axis in a model of Huntington's disease. <i>Translational Psychiatry</i> , 2012, 2, e133-e133.	2.4	55
143	Hippocampal Neurogenesis, Cognitive Deficits and Affective Disorder in Huntington's Disease. <i>Neural Plasticity</i> , 2012, 2012, 1-7.	1.0	48
144	Harnessing experience-dependent plasticity for CNS repair and regeneration. <i>Future Neurology</i> , 2012, 7, 523-525.	0.9	0

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145	Metabotropic Glutamate Receptors as Targets for Novel Antipsychotic Treatments. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 1522-1534.	0.9	7
146	Behavioural state differentially engages septohippocampal cholinergic and GABAergic neurons in R6/1 Huntington's disease mice. <i>Neurobiology of Learning and Memory</i> , 2012, 97, 261-270.	1.0	14
147	Neurocardiac dysregulation and neurogenic arrhythmias in a transgenic mouse model of Huntington's disease. <i>Journal of Physiology</i> , 2012, 590, 5845-5860.	1.3	47
148	Tandem Repeat Polymorphisms. <i>Advances in Experimental Medicine and Biology</i> , 2012, , 1-9.	0.8	15
149	Tandem repeat polymorphisms as modulators of biological function and dysfunction. <i>Human Mutation</i> , 2012, 33, v-v.	1.1	0
150	Treatment of depressive-like behaviour in Huntington's disease mice by chronic sertraline and exercise. <i>British Journal of Pharmacology</i> , 2012, 165, 1375-1389.	2.7	63
151	Deficits in Spermatogenesis but not Neurogenesis are Alleviated by Chronic Testosterone Therapy in R6/1 Huntington's Disease Mice. <i>Journal of Neuroendocrinology</i> , 2012, 24, 341-356.	1.2	30
152	Retinal dysfunction, photoreceptor protein dysregulation and neuronal remodelling in the R6/1 mouse model of Huntington's disease. <i>Neurobiology of Disease</i> , 2012, 45, 887-896.	2.1	37
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