

Anthony J Hannan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

219
papers

10,429
citations

53
h-index

96
g-index

247
ext. papers

11,944
ext. citations

6.2
avg, IF

6.84
L-index

#	Paper	IF	Citations
219	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	6.2	1
218	Sex-dependent effects of chronic exercise on cognitive flexibility but not hippocampal Bdnf in aging mice.. <i>Neuronal Signaling</i> , 2022 , 6, NS20210053	3.7	0
217	Gene-environment-gut interactions in Huntington's disease mice are associated with environmental modulation of the gut microbiome.. <i>iScience</i> , 2022 , 25, 103687	6.1	5
216	Alterations in the Gut Fungal Community in a Mouse Model of Huntington's Disease.. <i>Microbiology Spectrum</i> , 2022 , e0219221	8.9	3
215	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	0.9	0
214	International data governance for neuroscience.. <i>Neuron</i> , 2021 ,	13.9	4
213	Neurological, neuropsychiatric and neurodevelopmental complications of COVID-19. <i>Australian and New Zealand Journal of Psychiatry</i> , 2021 , 55, 750-762	2.6	13
212	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	3.4	0
211	Exercise mimetics: harnessing the therapeutic effects of physical activity. <i>Nature Reviews Drug Discovery</i> , 2021 , 20, 862-879	64.1	12
210	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	3.4	4
209	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> , 2021 , e12757	3.6	1
208	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	3.5	1
207	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	4.6	3
206	Evaluation of attention in APP/PS1 mice shows impulsive and compulsive behaviours. <i>Genes, Brain and Behavior</i> , 2021 , 20, e12594	3.6	11
205	Assessing attention orienting in mice: a novel touchscreen adaptation of the Posner-style cueing task. <i>Neuropsychopharmacology</i> , 2021 , 46, 432-441	8.7	3
204	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	7.5	22
203	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	6.2	4

202	Of Punks and Brains: How parental diet influences offspring neurobiology and behaviour. <i>Trends in Endocrinology and Metabolism</i> , 2021 , 32, 566-578	8.8	7
201	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	5.6	1
200	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	3.5	1
199	Pathogenic Infection in Male Mice Changes Sperm Small RNA Profiles and Transgenerationally Alters Offspring Behavior. <i>Cell Reports</i> , 2020 , 31, 107573	10.6	24
198	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	3.9	0
197	Environmental enrichment modulates affiliative and aggressive social behaviour in the neuroligin-3 R451C mouse model of autism spectrum disorder. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 195, 172955	3.9	8
196	Preconceptual paternal environmental stimulation alters behavioural phenotypes and adaptive responses intergenerationally in Swiss mice. <i>Physiology and Behavior</i> , 2020 , 223, 112968	3.5	1
195	Why Woody got the blues: The neurobiology of depression in Huntington's disease. <i>Neurobiology of Disease</i> , 2020 , 142, 104958	7.5	14
194	Antidepressant-like effects of ketamine in a mouse model of serotonergic dysfunction. <i>Neuropharmacology</i> , 2020 , 168, 107998	5.5	5
193	Effects of aging on the motor, cognitive and affective behaviors, neuroimmune responses and hippocampal gene expression. <i>Behavioural Brain Research</i> , 2020 , 383, 112501	3.4	10
192	Epimimetics: Novel Therapeutics Targeting Epigenetic Mediators and Modulators. <i>Trends in Pharmacological Sciences</i> , 2020 , 41, 232-235	13.2	4
191	Diet-Induced Modification of the Sperm Epigenome Programs Metabolism and Behavior. <i>Trends in Endocrinology and Metabolism</i> , 2020 , 31, 131-149	8.8	19
190	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	11.3	3
189	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	5.7	10
188	Gut dysbiosis in Huntington's disease: associations among gut microbiota, cognitive performance and clinical outcomes. <i>Brain Communications</i> , 2020 , 2, fcaa110	4.5	41
187	Limitations to intergenerational inheritance: subchronic paternal stress preconception does not influence offspring anxiety. <i>Scientific Reports</i> , 2020 , 10, 16050	4.9	6
186	Microbiome profiling reveals gut dysbiosis in a transgenic mouse model of Huntington's disease. <i>Neurobiology of Disease</i> , 2020 , 135, 104268	7.5	70
185	Exercise, diet and stress as modulators of gut microbiota: Implications for neurodegenerative diseases. <i>Neurobiology of Disease</i> , 2020 , 134, 104621	7.5	90

184	Brain Zinc Deficiency Exacerbates Cognitive Decline in the R6/1 Model of Huntington's Disease. <i>Neurotherapeutics</i> , 2020 , 17, 243-251	6.4	7
183	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	6.1	7
182	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	3.5	11
181	Environmental Stimulation Modulating the Pathophysiology of Neurodevelopmental Disorders 2019 , 31-54		1
180	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	8.6	4
179	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	3.4	9
178	Stress and Glucocorticoids as Experience-Dependent Modulators of Huntington's Disease 2019 , 243-278		
177	Environmental enrichment as an experience-dependent modulator of social plasticity and cognition. <i>Brain Research</i> , 2019 , 1717, 1-14	3.7	12
176	A Neuroethics Framework for the Australian Brain Initiative. <i>Neuron</i> , 2019 , 101, 365-369	13.9	5
175	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	16.6	13
174	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	2.9	16
173	Molecular mediators, environmental modulators and experience-dependent synaptic dysfunction in Huntington's disease.. <i>Acta Biochimica Polonica</i> , 2019 , 51, 415-430	2	18
172	Experience-dependent modulation of neurodegenerative disorders 2019 , 116-142		
171	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	6.5	10
170	Toxoplasmosis: A pathway to neuropsychiatric disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 96, 72-92	9	45
169	High-Frequency Neuronal Oscillatory Abnormalities in the Phospholipase C- β Knockout Mouse Model of Schizophrenia. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 221-231	5.8	2
168	Novel approaches to alcohol rehabilitation: Modification of stress-responsive brain regions through environmental enrichment. <i>Neuropharmacology</i> , 2019 , 145, 25-36	5.5	12
167	Transgenerational epigenetic influences of paternal environmental exposures on brain function and predisposition to psychiatric disorders. <i>Molecular Psychiatry</i> , 2019 , 24, 536-548	15.1	67

166	Gene-environment interactions informing therapeutic approaches to cognitive and affective disorders. <i>Neuropharmacology</i> , 2019 , 145, 37-48	5.5	33
165	Tandem repeats mediating genetic plasticity in health and disease. <i>Nature Reviews Genetics</i> , 2018 , 19, 286-298	30.1	156
164	Hypersensitivity to sertraline in the absence of hippocampal 5-HT _{1A} and 5-HT _{2A} gene expression changes following paternal corticosterone treatment. <i>Environmental Epigenetics</i> , 2018 , 4, dvy015	2.4	3
163	Synaptopathy, circuitopathy and the computational biology of Huntington's disease. <i>BMC Biology</i> , 2018 , 16, 71	7.3	9
162	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	4.9	18
161	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	6.1	8
160	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	3.5	12
159	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	3.5	4
158	The Impact of Inflammation on Brain Function and Behavior in Rodent Models of Affective Disorders 2018 , 85-102		0
157	Tandem Repeats and Repeatomes: Delving Deeper into the Dark Matter of Genomes. <i>EBioMedicine</i> , 2018 , 31, 3-4	8.8	7
156	Paternal environmental enrichment transgenerationally alters affective behavioral and neuroendocrine phenotypes. <i>Psychoneuroendocrinology</i> , 2017 , 77, 225-235	5	33
155	Environmental enrichment enhances cognitive flexibility in C57BL/6 mice on a touchscreen reversal learning task. <i>Neuropharmacology</i> , 2017 , 117, 219-226	5.5	35
154	Isoform specific differences in phospholipase C beta 1 expression in the prefrontal cortex in schizophrenia and suicide. <i>NPJ Schizophrenia</i> , 2017 , 3, 19	5.5	13
153	Exercise alters mouse sperm small noncoding RNAs and induces a transgenerational modification of male offspring conditioned fear and anxiety. <i>Translational Psychiatry</i> , 2017 , 7, e1114	8.6	85
152	Environmental enrichment reduces innate anxiety with no effect on depression-like behaviour in mice lacking the serotonin transporter. <i>Behavioural Brain Research</i> , 2017 , 332, 355-361	3.4	19
151	Elevated paternal glucocorticoid exposure modifies memory retention in female offspring. <i>Psychoneuroendocrinology</i> , 2017 , 83, 9-18	5	18
150	Synaptopathic mechanisms of neurodegeneration and dementia: Insights from Huntington's disease. <i>Progress in Neurobiology</i> , 2017 , 153, 18-45	10.9	34
149	Transgenerational paternal transmission of acquired traits: Stress-induced modification of the sperm regulatory transcriptome and offspring phenotypes. <i>Current Opinion in Behavioral Sciences</i> , 2017 , 14, 140-147	4	35

148	Translatable Models of Brain and Cognitive Reserve 2017 , 79-104		1
147	Search strategy selection in the Morris water maze indicates allocentric map formation during learning that underpins spatial memory formation. <i>Neurobiology of Learning and Memory</i> , 2017 , 139, 37-49	3.1	38
146	Transcriptional profiles for distinct aggregation states of mutant Huntingtin exon 1 protein unmask new Huntington ^R disease pathways. <i>Molecular and Cellular Neurosciences</i> , 2017 , 83, 103-112	4.8	15
145	Huntington ^R Disease: Pathogenic Mechanisms and Therapeutic Targets. <i>Advances in Neurobiology</i> , 2017 , 15, 93-128	2.1	3
144	[P2071]: ABSENCE OF TASK LEARNING IN THE APP/PS1 MOUSE MODEL OF ALZHEIMER ^R DISEASE AS MEASURED BY TRANSLATABLE TOUCHSCREEN TECHNOLOGY 2017 , 13, P632-P632		1
143	Social Isolation Alters Social and Mating Behavior in the R451C Neuroligin Mouse Model of Autism. <i>Neural Plasticity</i> , 2017 , 2017, 8361290	3.3	11
142	Thinking with your stomach? Gut feelings on microbiome modulation of brain structure and function (Commentary on Luczynski et al.). <i>European Journal of Neuroscience</i> , 2016 , 44, 2652-2653	3.5	2
141	Neuroendocrine and neurotrophic signaling in Huntington ^R disease: Implications for pathogenic mechanisms and treatment strategies. <i>Neuroscience and Biobehavioral Reviews</i> , 2016 , 71, 444-454	9	18
140	Translational Assays for Assessment of Cognition in Rodent Models of Alzheimer ^R Disease and Dementia. <i>Journal of Molecular Neuroscience</i> , 2016 , 60, 371-382	3.3	27
139	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	8.6	109
138	Affective dysfunction in a mouse model of Rett syndrome: Therapeutic effects of environmental stimulation and physical activity. <i>Developmental Neurobiology</i> , 2016 , 76, 209-24	3.2	18
137	Cognitive endophenotypes, gene-environment interactions and experience-dependent plasticity in animal models of schizophrenia. <i>Biological Psychology</i> , 2016 , 116, 82-9	3.2	24
136	What ^R 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	3	24
135	Gene ^R environment interactions in the etiology of psychiatric and neurodevelopmental disorders 2016 , 47-72		
134	Therapeutic Effects of Anthocyanins and Environmental Enrichment in R6/1 Huntington ^R Disease Mice. <i>Journal of Huntington^R Disease</i> , 2016 , 5, 285-296	1.9	16
133	N-acetylcysteine modulates glutamatergic dysfunction and depressive behavior in Huntington ^R disease. <i>Human Molecular Genetics</i> , 2016 , 25, 2923-2933	5.6	27
132	Dissociating the therapeutic effects of environmental enrichment and exercise in a mouse model of anxiety with cognitive impairment. <i>Translational Psychiatry</i> , 2016 , 6, e794	8.6	34
131	Reduced susceptibility to induced seizures in the Neuroligin-3(R451C) mouse model of autism. <i>Neuroscience Letters</i> , 2015 , 589, 57-61	3.3	15

130	The Role of Epigenetic Change in Autism Spectrum Disorders. <i>Frontiers in Neurology</i> , 2015 , 6, 107	4.1	138
129	Environmental Enrichment Ameliorates Behavioral Impairments Modeling Schizophrenia in Mice Lacking Metabotropic Glutamate Receptor 5. <i>Neuropsychopharmacology</i> , 2015 , 40, 1947-56	8.7	44
128	Environmental factors as modulators of neurodegeneration: insights from gene-environment interactions in Huntington's disease. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 52, 178-92	9	66
127	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	16.6	28
126	The influence of the HPG 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	5.7	24
125	Novel ethological endophenotypes in a transgenic mouse model of Huntington's disease. <i>Behavioural Brain Research</i> , 2015 , 276, 17-27	3.4	7
124	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, 305-18	1.9	16
123	Environmental modulations of the number of midbrain dopamine neurons in adult mice. <i>Journal of Visualized Experiments</i> , 2015 , 52329	1.6	5
122	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	1.9	5
121	A neuroligin-3 mutation implicated in autism causes abnormal aggression and increases repetitive behavior in mice. <i>Molecular Autism</i> , 2015 , 6, 62	6.5	43
120	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	8.6	80
119	Sex-specific disruptions in spatial memory and anhedonia in a "two hit" rat model correspond with alterations in hippocampal brain-derived neurotrophic factor expression and signaling. <i>Hippocampus</i> , 2014 , 24, 1197-211	3.5	69
118	Sexually dimorphic dopaminergic dysfunction in a transgenic mouse model of Huntington's disease. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 127, 15-20	3.9	9
117	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	7.5	32
116	Environmental enrichment and brain repair: harnessing the therapeutic effects of cognitive stimulation and physical activity to enhance experience-dependent plasticity. <i>Neuropathology and Applied Neurobiology</i> , 2014 , 40, 13-25	5.2	151
115	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, 4051-63	5.6	36
114	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, 2126-35	6.9	29
113	Ethological endophenotypes are altered by elevated stress hormone levels in both Huntington's disease and wildtype mice. <i>Behavioural Brain Research</i> , 2014 , 274, 118-27	3.4	7

112	High stress hormone levels accelerate the onset of memory deficits in male Huntington's disease mice. <i>Neurobiology of Disease</i> , 2014 , 69, 248-62	7.5	24
111	Super-Enrichment 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	1.9	30
110	Identifying novel interventional strategies for psychiatric disorders: integrating genomics, enviromics and gene-environment interactions in valid preclinical models. <i>British Journal of Pharmacology</i> , 2014 , 171, 4719-28	8.6	27
109	Vascular endothelial growth factor and brain-derived neurotrophic factor in quetiapine treated first-episode psychosis. <i>Schizophrenia Research and Treatment</i> , 2014 , 2014, 719395	0.6	20
108	Beyond loss of frataxin: the complex molecular pathology of Friedreich ataxia. <i>Discovery Medicine</i> , 2014 , 17, 25-35	2.5	18
107	The relationship between cortisol and verbal memory in the early stages of Huntington's disease. <i>Journal of Neurology</i> , 2013 , 260, 891-902	5.5	14
106	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	4.8	24
105	Epigenetic modifications in trinucleotide repeat diseases. <i>Trends in Molecular Medicine</i> , 2013 , 19, 655-63	11.5	39
104	Depression-related behaviours displayed by female C57BL/6J mice during abstinence from chronic ethanol consumption are rescued by wheel-running. <i>European Journal of Neuroscience</i> , 2013 , 37, 1803-10	3.5	37
103	Enhancement of cognitive function in models of brain disease through environmental enrichment and physical activity. <i>Neuropharmacology</i> , 2013 , 64, 515-28	5.5	122
102	Cortisol and depression in pre-diagnosed and early stage Huntington's disease. <i>Psychoneuroendocrinology</i> , 2013 , 38, 2439-47	5	27
101	Effects of environmental manipulations in genetically targeted animal models of affective disorders. <i>Neurobiology of Disease</i> , 2013 , 57, 12-27	7.5	22
100	Tissue-type plasminogen activator is an extracellular mediator of Purkinje cell damage and altered gait. <i>Experimental Neurology</i> , 2013 , 249, 8-19	5.7	12
99	Short-term memory acquisition in female Huntington's disease mice is vulnerable to acute stress. <i>Behavioural Brain Research</i> , 2013 , 253, 318-22	3.4	20
98	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	3.9	34
97	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	3.9	64
96	Characterizing social behavior in genetically targeted mouse models of brain disorders. <i>Methods in Molecular Biology</i> , 2013 , 1017, 95-104	1.4	5
95	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, 606-9	2.1	7

94	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	5.6	20
93	Decanalization mediating gene-environment interactions in schizophrenia and other psychiatric disorders with neurodevelopmental etiology. <i>Frontiers in Behavioral Neuroscience</i> , 2013 , 7, 157	3.5	14
92	A Tale of Two Maladies? Pathogenesis of Depression with and without the Huntington [®] Disease Gene Mutation. <i>Frontiers in Neurology</i> , 2013 , 4, 81	4.1	24
91	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, 587-92	2.6	15
90	Constituents, organization and processes of the human brain. <i>Advances in Consciousness Research</i> , 2013 , 15-36		
89	Retinal dysfunction, photoreceptor protein dysregulation and neuronal remodelling in the R6/1 mouse model of Huntington [®] disease. <i>Neurobiology of Disease</i> , 2012 , 45, 887-96	7.5	29
88	Mutation of Gtf2ird1 from the Williams-Beuren syndrome critical region results in facial dysplasia, motor dysfunction, and altered vocalisations. <i>Neurobiology of Disease</i> , 2012 , 45, 913-22	7.5	25
87	Long-term behavioral and NMDA receptor effects of young-adult corticosterone treatment in BDNF heterozygous mice. <i>Neurobiology of Disease</i> , 2012 , 46, 722-31	7.5	54
86	Increased adult hippocampal neurogenesis and abnormal migration of adult-born granule neurons is associated with hippocampal-specific cognitive deficits in phospholipase C- β knockout mice. <i>Hippocampus</i> , 2012 , 22, 309-19	3.5	35
85	Behavioural state differentially engages septohippocampal cholinergic and GABAergic neurons in R6/1 Huntington [®] disease mice. <i>Neurobiology of Learning and Memory</i> , 2012 , 97, 261-70	3.1	14
84	Neurocardiac dysregulation and neurogenic arrhythmias in a transgenic mouse model of Huntington [®] disease. <i>Journal of Physiology</i> , 2012 , 590, 5845-60	3.9	40
83	Tandem Repeat Polymorphisms. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 1-9	3.6	6
82	Treatment of depressive-like behaviour in Huntington [®] disease mice by chronic sertraline and exercise. <i>British Journal of Pharmacology</i> , 2012 , 165, 1375-89	8.6	53
81	Deficits in spermatogenesis but not neurogenesis are alleviated by chronic testosterone therapy in R6/1 Huntington [®] disease mice. <i>Journal of Neuroendocrinology</i> , 2012 , 24, 341-56	3.8	25
80	Environmental enrichment rescues female-specific hyperactivity of the hypothalamic-pituitary-adrenal axis in a model of Huntington [®] disease. <i>Translational Psychiatry</i> , 2012 , 2, e133	8.6	49
79	Hippocampal neurogenesis, cognitive deficits and affective disorder in Huntington [®] disease. <i>Neural Plasticity</i> , 2012 , 2012, 874387	3.3	36
78	Harnessing experience-dependent plasticity for CNS repair and regeneration. <i>Future Neurology</i> , 2012 , 7, 523-525	1.5	
77	Metabotropic glutamate receptors as targets for novel antipsychotic treatments. <i>Current Pharmaceutical Biotechnology</i> , 2012 , 13, 1522-34	2.6	6

76	Antidepressant-Like Effect of the Norepinephrine-Dopamine Reuptake Inhibitor Bupropion in a Mouse Model of Huntington's Disease with Dopaminergic Dysfunction. <i>Journal of Huntington's Disease</i> , 2012 , 1, 261-6	1.9	10
75	Tandem repeat polymorphisms: Mediators of genetic plasticity, modulators of biological diversity and dynamic sources of disease susceptibility. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 769, 1-9	3.6	10
74	Mechanisms mediating brain and cognitive reserve: experience-dependent neuroprotection and functional compensation in animal models of neurodegenerative diseases. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011 , 35, 331-9	5.5	43
73	Gene-environment interactions and construct validity in preclinical models of psychiatric disorders. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011 , 35, 1376-82	5.5	49
72	Sexually dimorphic serotonergic dysfunction in a mouse model of Huntington's disease and depression. <i>PLoS ONE</i> , 2011 , 6, e22133	3.7	58
71	Phospholipase C beta 1 expression in the dorsolateral prefrontal cortex from patients with schizophrenia at different stages of illness. <i>Australian and New Zealand Journal of Psychiatry</i> , 2011 , 45, 140-7	2.6	27
70	Decanalization, brain development and risk of schizophrenia. <i>Translational Psychiatry</i> , 2011 , 1, e14	8.6	37
69	Effect of enhanced voluntary physical exercise on brain levels of monoamines in Huntington disease mice. <i>PLOS Currents</i> , 2011 , 3, RRN1281		21
68	The latent stem cell population is retained in the hippocampus of transgenic Huntington's disease mice but not wild-type mice. <i>PLoS ONE</i> , 2011 , 6, e18153	3.7	10
67	Environmental enrichment: a cure for cancer? It's all in the mind. <i>Journal of Molecular Cell Biology</i> , 2010 , 2, 302-4	6.3	5
66	Behavioural and molecular consequences of chronic cannabinoid treatment in Huntington's disease transgenic mice. <i>Neuroscience</i> , 2010 , 170, 324-36	3.9	58
65	Wheel running and environmental enrichment differentially modify exon-specific BDNF expression in the hippocampus of wild-type and pre-motor symptomatic male and female Huntington's disease mice. <i>Hippocampus</i> , 2010 , 20, 621-36	3.5	116
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