Thomas H Burne

List of Publications by Year
in descending order

154 papers	8,803 citations	34076 52 h-index	48277 88 g-index
163 all docs	163 docs citations	163 times ranked	8814 citing authors

#	Article	IF	Citations
1	Vitamin D, effects on brain development, adult brain function and the links between low levels of vitamin D and neuropsychiatric disease. Frontiers in Neuroendocrinology, 2013, 34, 47-64.	2.5	546
2	Neonatal Vitamin D Status and Risk of Schizophrenia. Archives of General Psychiatry, 2010, 67, 889.	13.8	315
3	Developmental Vitamin D3 deficiency alters the adult rat brain. Brain Research Bulletin, 2005, 65, 141-148.	1.4	245
4	A sensitive LC/MS/MS assay of 25OH vitamin D3 and 25OH vitamin D2 in dried blood spots. Clinica Chimica Acta, 2009, 403, 145-151.	0.5	214
5	Genome-wide association study identifies 143 loci associated with 25 hydroxyvitamin D concentration. Nature Communications, 2020, 11, 1647.	5.8	211
6	Vitamin D and the brain. Best Practice and Research in Clinical Endocrinology and Metabolism, 2011, 25, 657-669.	2.2	210
7	Developmental vitamin D deficiency causes abnormal brain development. Psychoneuroendocrinology, 2009, 34, S247-S257.	1.3	203
8	A systematic review of the association between common single nucleotide polymorphisms and 25-hydroxyvitamin D concentrations. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 471-477.	1.2	195
9	Developmental Vitamin D Deficiency and Risk of Schizophrenia: A 10-Year Update. Schizophrenia Bulletin, 2010, 36, 1073-1078.	2.3	192
10	Vitamin D as a Neurosteroid Affecting the Developing and Adult Brain. Annual Review of Nutrition, 2014, 34, 117-141.	4.3	183
11	The effects of vitamin D on brain development and adult brain function. Molecular and Cellular Endocrinology, 2011, 347, 121-127.	1.6	177
12	Advanced Paternal Age Is Associated with Impaired Neurocognitive Outcomes during Infancy and Childhood. PLoS Medicine, 2009, 6, e1000040.	3.9	174
13	Developmental Vitamin D Deficiency Alters MK 801-Induced Hyperlocomotion in the Adult Rat: An Animal Model of Schizophrenia. Biological Psychiatry, 2006, 60, 591-596.	0.7	169
14	The neurodevelopmental hypothesis of schizophrenia: a review of recent developments. Annals of Medicine, 2003, 35, 86-93.	1.5	168
15	Behavioural characterization of Vitamin D receptor knockout mice. Behavioural Brain Research, 2005, 157, 299-308.	1.2	161
16	The vitamin D receptor in dopamine neurons; its presence in human substantia nigra and its ontogenesis in rat midbrain. Neuroscience, 2013, 236, 77-87.	1.1	148
17	Olfactory Mucosa Is a Potential Source for Autologous Stem Cell Therapy for Parkinson's Disease. Stem Cells, 2008, 26, 2183-2192.	1.4	143
18	Transient prenatal Vitamin D deficiency is associated with hyperlocomotion in adult rats. Behavioural Brain Research, 2004, 154, 549-555.	1.2	131

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19	Vitamin D deficiency during various stages of pregnancy in the rat; its impact on development and behaviour in adult offspring. Psychoneuroendocrinology, 2007, 32, 227-234.	1.3	127
20	Developmental vitamin D deficiency alters adult behaviour in 129/SvJ and C57BL/6J mice. Behavioural Brain Research, 2008, 187, 343-350.	1.2	127
21	Maternal vitamin D concentrations during pregnancy, fetal growth patterns, and risks of adverse birth outcomes. American Journal of Clinical Nutrition, 2016, 103, 1514-1522.	2.2	127
22	Maternal vitamin D depletion alters neurogenesis in the developing rat brain. International Journal of Developmental Neuroscience, 2007, 25, 227-232.	0.7	126
23	No Association between Serum 25-Hydroxyvitamin D₃ Level and Performance on Psychometric Tests in NHANES III. Neuroepidemiology, 2007, 29, 49-54.	1.1	122
24	Gestational vitamin D deficiency and autism-related traits: the Generation R Study. Molecular Psychiatry, 2018, 23, 240-246.	4.1	120
25	Adult vitamin D deficiency leads to behavioural and brain neurochemical alterations in C57BL/6J and BALB/c mice. Behavioural Brain Research, 2013, 241, 120-131.	1.2	115
26	Vitamin D3â€"implications for brain development. Journal of Steroid Biochemistry and Molecular Biology, 2004, 89-90, 557-560.	1.2	113
27	Developmental vitamin D deficiency alters dopamine-mediated behaviors and dopamine transporter function in adult female rats. Psychopharmacology, 2010, 208, 159-168.	1.5	107
28	Developmental vitamin D deficiency alters dopamine turnover in neonatal rat forebrain. Neuroscience Letters, 2009, 461, 155-158.	1.0	104
29	Vitamin D in fetal brain development. Seminars in Cell and Developmental Biology, 2011, 22, 629-636.	2.3	104
30	Vitamin D in Synaptic Plasticity, Cognitive Function, and Neuropsychiatric Illness. Trends in Neurosciences, 2019, 42, 293-306.	4.2	99
31	Swimming behaviour and post-swimming activity in Vitamin D receptor knockout mice. Brain Research Bulletin, 2006, 69, 74-78.	1.4	97
32	Low Dose Prenatal Ethanol Exposure Induces Anxiety-Like Behaviour and Alters Dendritic Morphology in the Basolateral Amygdala of Rat Offspring. PLoS ONE, 2013, 8, e54924.	1.1	91
33	Short- and long-term effects of antipsychotic drug treatment on weight gain and H1 receptor expression. Psychoneuroendocrinology, 2008, 33, 569-580.	1.3	89
34	Olfactory Ability in the Healthy Population: Reassessing Presbyosmia. Chemical Senses, 2006, 31, 763-771.	1.1	88
35	Vitamin D and the brain: Key questions for future research. Journal of Steroid Biochemistry and Molecular Biology, 2015, 148, 305-309.	1.2	88
36	Gestational vitamin D deficiency and autism spectrum disorder. BJPsych Open, 2017, 3, 85-90.	0.3	86

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37	Light exposure of the embryo and development of behavioural lateralisation in chicks, I: olfactory responses. Behavioural Brain Research, 1998, 97, 195-200.	1.2	85
38	Real time processing of affective and cognitive stimuli in the human brain extracted from MEG signals. Brain Topography, 2000, 13, 11-19.	0.8	84
39	Effect of Y1 receptor deficiency on motor activity, exploration, and anxiety. Behavioural Brain Research, 2006, 167, 87-93.	1.2	83
40	Maternal vitamin D deficiency alters the expression of genes involved in dopamine specification in the developing rat mesencephalon. Neuroscience Letters, 2010, 486, 220-223.	1.0	80
41	The Neurodevelopmental Hypothesis of Schizophrenia. Psychiatric Clinics of North America, 2012, 35, 571-584.	0.7	74
42	Observation learning in day-old chicks using a one-trial passive avoidance learning paradigm. Animal Behaviour, 1998, 56, 1347-1353.	0.8	73
43	The association between neonatal vitamin D status and risk of schizophrenia. Scientific Reports, 2018, 8, 17692.	1.6	73
44	The p75 neurotrophin receptor regulates hippocampal neurogenesis and related behaviours. European Journal of Neuroscience, 2008, 28, 883-892.	1.2	72
45	The utility of neonatal dried blood spots for the assessment of neonatal vitamin D status. Paediatric and Perinatal Epidemiology, 2010, 24, 303-308.	0.8	69
46	Prevalence and predictors of vitamin D deficiency based on maternal mid-gestation and neonatal cord bloods: The Generation R Study. Journal of Steroid Biochemistry and Molecular Biology, 2016, 164, 161-167.	1.2	68
47	Prenatal ethanol exposure alters adult hippocampal VGLUT2 expression with concomitant changes in promoter DNA methylation, H3K4 trimethylation and miR-467b-5p levels. Epigenetics and Chromatin, 2015, 8, 40.	1.8	63
48	Schizophrenia, vitamin D, and brain development. International Review of Neurobiology, 2004, 59, 351-380.	0.9	62
49	Combined prenatal and chronic postnatal vitamin D deficiency in rats impairs prepulse inhibition of acoustic startle. Physiology and Behavior, 2004, 81, 651-655.	1.0	62
50	Developmental vitamin D (DVD) deficiency in the rat alters adult behaviour independently of HPA function. Psychoneuroendocrinology, 2006, 31, 958-964.	1.3	61
51	Big ideas for small brains: what can psychiatry learn from worms, flies, bees and fish?. Molecular Psychiatry, 2011, 16, 7-16.	4.1	59
52	Digital lecture recording: A cautionary tale. Nurse Education in Practice, 2013, 13, 40-47.	1.0	57
53	Cognitive performance and response inhibition in developmentally vitamin D (DVD)-deficient rats. Behavioural Brain Research, 2013, 242, 47-53.	1.2	55
54	The Impact of Adult Vitamin D Deficiency on Behaviour and Brain Function in Male Sprague-Dawley Rats. PLoS ONE, 2013, 8, e71593.	1.1	53

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55	Vitamin D deficiency is associated with reduced hippocampal volume and disrupted structural connectivity in patients with mild cognitive impairment. Human Brain Mapping, 2019, 40, 394-406.	1.9	52
56	Do transmembrane domain neuregulin 1 mutant mice exhibit a reliable sensorimotor gating deficit?. Behavioural Brain Research, 2011, 223, 336-341.	1.2	51
57	Vitamin D and schizophrenia: 20 years on. Molecular Psychiatry, 2021, 26, 2708-2720.	4.1	51
58	Developmental vitamin D deficiency alters multiple neurotransmitter systems in the neonatal rat brain. International Journal of Developmental Neuroscience, 2017, 62, 1-7.	0.7	50
59	Developmental vitamin D deficiency alters MK-801-induced behaviours in adult offspring. Psychopharmacology, 2012, 220, 455-463.	1.5	49
60	Hyperlocomotion associated with transient prenatal vitamin D deficiency is ameliorated by acute restraint. Behavioural Brain Research, 2006, 174, 119-124.	1.2	48
61	Advanced paternal age is associated with alterations in discrete behavioural domains and cortical neuroanatomy of C57BL/6J mice. European Journal of Neuroscience, 2010, 31, 556-564.	1.2	45
62	Comprehensive Behavioural Analysis of Long Evans and Sprague-Dawley Rats Reveals Differential Effects of Housing Conditions on Tests Relevant to Neuropsychiatric Disorders. PLoS ONE, 2014, 9, e93411.	1.1	43
63	Partial Loss of USP9X Function Leads to a Male Neurodevelopmental and Behavioral Disorder Converging on Transforming Growth Factor Î² Signaling. Biological Psychiatry, 2020, 87, 100-112.	0.7	42
64	Increased de novo copy number variants in the offspring of older males. Translational Psychiatry, 2011, 1, e34-e34.	2.4	41
65	Early gestational exposure to moderate concentrations of ethanol alters adult behaviour in C57BL/6J mice. Behavioural Brain Research, 2013, 252, 326-333.	1.2	38
66	Associations of maternal and fetal 25â€hydroxyvitamin D levels with childhood lung function and asthma: the Generation R Study. Clinical and Experimental Allergy, 2016, 46, 337-346.	1.4	38
67	Altered dopamine ontogeny in the developmentally vitamin D deficient rat and its relevance to schizophrenia. Frontiers in Cellular Neuroscience, 2013, 7, 111.	1.8	37
68	Subcortical Dopamine and Cognition in Schizophrenia: Looking Beyond Psychosis in Preclinical Models. Frontiers in Neuroscience, 2020, 14, 542.	1.4	37
69	Protein Expression in the Nucleus Accumbens of Rats Exposed to Developmental Vitamin D Deficiency. PLoS ONE, 2008, 3, e2383.	1.1	35
70	Neuroanatomy and psychomimetic-induced locomotion in C57BL/6J and 129/X1SvJ mice exposed to developmental vitamin D deficiency. Behavioural Brain Research, 2012, 230, 125-131.	1.2	34
71	Usp9X Controls Ankyrin-Repeat Domain Protein Homeostasis during Dendritic Spine Development. Neuron, 2020, 105, 506-521.e7.	3.8	34
72	Transcriptional regulation of intermediate progenitor cell generation during hippocampal development. Development (Cambridge), 2016, 143, 4620-4630.	1.2	33

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73	The impact of vitamin D deficiency on neurogenesis in the adult brain. Neural Regeneration Research, 2017, 12, 393.	1.6	33
74	Attentional Processing in C57BL/6J Mice Exposed to Developmental Vitamin D Deficiency. PLoS ONE, 2012, 7, e35896.	1.1	31
75	Responses to Odorants by the Domestic Chick. Physiology and Behavior, 1996, 60, 1441-1447.	1.0	30
76	Developmental vitamin D3 deficiency induces alterations in immune organ morphology and function in adult offspring. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 239-242.	1.2	29
77	Content specificity of attentional bias to threat in post-traumatic stress disorder. Journal of Anxiety Disorders, 2017, 50, 33-39.	1.5	29
78	Neurogenic differentiation by hippocampal neural stem and progenitor cells is biased by NFIX expression. Development (Cambridge), 2018, 145, .	1.2	29
79	Usp9x-deficiency disrupts the morphological development of the postnatal hippocampal dentate gyrus. Scientific Reports, 2016, 6, 25783.	1.6	28
80	Elp2 mutations perturb the epitranscriptome and lead to a complex neurodevelopmental phenotype. Nature Communications, 2021, 12, 2678.	5.8	26
81	Cyclooctatetraene: A Bioactive Cubane Paradigm Complement. Chemistry - A European Journal, 2019, 25, 2729-2734.	1.7	24
82	Effects of Training Procedure on Memory Formation Using a Weak Passive Avoidance Learning Paradigm. Neurobiology of Learning and Memory, 1997, 68, 133-139.	1.0	23
83	Deprivation of straw bedding alters PGF2Î±-induced nesting behaviour in female pigs. Applied Animal Behaviour Science, 2000, 69, 215-225.	0.8	23
84	Chemosensory input and lateralization of brain function in the domestic chick. Behavioural Brain Research, 2002, 133, 293-300.	1.2	23
85	Low vitamin D concentration exacerbates adult brain dysfunction. American Journal of Clinical Nutrition, 2013, 97, 907-908.	2.2	23
86	The Ubiquitin System: a Regulatory Hub for Intellectual Disability and Autism Spectrum Disorder. Molecular Neurobiology, 2020, 57, 2179-2193.	1.9	23
87	Low Dose Prenatal Alcohol Exposure Does Not Impair Spatial Learning and Memory in Two Tests in Adult and Aged Rats. PLoS ONE, 2014, 9, e101482.	1.1	23
88	Relative Importance of Odour and Taste in the One-Trial Passive Avoidance Learning Bead Task. Physiology and Behavior, 1997, 62, 1299-1302.	1.0	22
89	Changes in olfactory responsiveness by the domestic chick after early exposure to odorants. Animal Behaviour, 1999, 58, 329-336.	0.8	22
90	The effect of developmental vitamin D deficiency in male and female Sprague–Dawley rats on decision-making using a rodent gambling task. Physiology and Behavior, 2015, 138, 319-324.	1.0	21

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91	Sex-specific attentional deficits in adult vitamin D deficient BALB/c mice. Physiology and Behavior, 2016, 157, 94-101.	1.0	21
92	Developmental vitamin D (DVD) deficiency alters pup-retrieval but not isolation-induced pup ultrasonic vocalizations in the rat. Physiology and Behavior, 2011, 102, 201-204.	1.0	20
93	Behavioural Effects of Adult Vitamin D Deficiency in BALB/c Mice Are not Associated with Proliferation or Survival of Neurons in the Adult Hippocampus. PLoS ONE, 2016, 11, e0152328.	1.1	20
94	Adult vitamin D deficiency disrupts hippocampal-dependent learning and structural brain connectivity in BALB/c mice. Brain Structure and Function, 2019, 224, 1315-1329.	1.2	20
95	1,25-Dihydroxyvitamin D modulates L-type voltage-gated calcium channels in a subset of neurons in the developing mouse prefrontal cortex. Translational Psychiatry, 2019, 9, 281.	2.4	20
96	Transient Knockdown of Tyrosine Hydroxylase during Development Has Persistent Effects on Behaviour in Adult Zebrafish (Danio rerio). PLoS ONE, 2012, 7, e42482.	1.1	19
97	Heterozygosity for Nuclear Factor One X Affects Hippocampal-Dependent Behaviour in Mice. PLoS ONE, 2013, 8, e65478.	1.1	19
98	Season of birth and risk of brain tumors in adults. Neurology, 2005, 64, 1317-1317.	1.5	18
99	The impact of nonlinear exposure-risk relationships on seasonal time-series data: modelling Danish neonatal birth anthropometric data. BMC Medical Research Methodology, 2007, 7, 45.	1.4	18
100	Effects of oestrogen supplementation and space restriction on PGF2Î±-induced nest-building in pseudopregnant gilts. Animal Reproduction Science, 1999, 55, 255-267.	0.5	17
101	New Perspectives on Rodent Models of Advanced Paternal Age: Relevance to Autism. Frontiers in Behavioral Neuroscience, 2011, 5, 32.	1.0	16
102	The Effects of Breeding Protocol in C57BL/6J Mice on Adult Offspring Behaviour. PLoS ONE, 2011, 6, e18152.	1.1	16
103	Associations of maternal and fetal vitamin D status with childhood body composition and cardiovascular risk factors. Maternal and Child Nutrition, 2019, 15, e12672.	1.4	16
104	Investigating cortical features of Sotos syndrome using mice heterozygous for Nsd1. Genes, Brain and Behavior, 2020, 19, e12637.	1.1	16
105	Interaction of genotype and environment: effect of strain and housing conditions on cognitive behavior in rodent models of schizophrenia. Frontiers in Behavioral Neuroscience, 2013, 7, 97.	1.0	15
106	BALB/c Mice Can Learn Touchscreen Visual Discrimination and Reversal Tasks Faster than C57BL/6 Mice. Frontiers in Behavioral Neuroscience, 2017, 11, 16.	1.0	15
107	No effect of prenatal vitamin D deficiency on autism-relevant behaviours in multiple inbred strains of mice. Behavioural Brain Research, 2018, 348, 42-52.	1.2	15
108	Developmentally vitamin D-deficient rats show enhanced prepulse inhibition after acute Î”9-tetrahydrocannabinol. Behavioural Pharmacology, 2014, 25, 236-244.	0.8	14

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109	Measuring Attention in Rodents: Comparison of a Modified Signal Detection Task and the 5-Choice Serial Reaction Time Task. Frontiers in Behavioral Neuroscience, 2015, 9, 370.	1.0	14
110	Adult vitamin D deficiency exacerbates impairments caused by social stress in BALB/c and C57BL/6 mice. Psychoneuroendocrinology, 2017, 86, 53-63.	1.3	14
111	Behavioral Responses to Intramuscular Injections of Prostaglandin F2Î± in Female Pigs. Pharmacology Biochemistry and Behavior, 2000, 66, 789-796.	1.3	13
112	Indomethacin blocks pre-partum nest building behaviour in the pig (Sus scrofa): effects on plasma prostaglandin F metabolite, oxytocin, cortisol and progesterone. Journal of Endocrinology, 2002, 172, 507-517.	1.2	13
113	Effects of anesthetic agents on socially transmitted olfactory memories in mice. Neurobiology of Learning and Memory, 2010, 93, 268-274.	1.0	13
114	Associations of maternal and fetal 25â€hydroxyvitamin D levels with childhood eczema: The Generation R Study. Pediatric Allergy and Immunology, 2016, 27, 283-289.	1.1	12
115	Developmental Vitamin D Deficiency in the Rat Impairs Recognition Memory, but Has No Effect on Social Approach or Hedonia. Nutrients, 2019, 11, 2713.	1.7	12
116	Increasing paternal age alters anxietyâ€related behaviour in adult mice. Genes, Brain and Behavior, 2019, 18, e12522.	1.1	12
117	Influence of environmental temperature on PGF2Î±-induced nest building in female pigs. Applied Animal Behaviour Science, 2001, 71, 293-304.	0.8	11
118	Effects of Prostaglandin F2Î± Treatment on the Behavior of Pseudopregnant Pigs in an Extensive Environment. Hormones and Behavior, 2000, 37, 229-236.	1.0	10
119	Vitamin D status during fetal life and childhood kidney outcomes. European Journal of Clinical Nutrition, 2016, 70, 629-634.	1.3	10
120	NFIX-Mediated Inhibition of Neuroblast Branching Regulates Migration Within the Adult Mouse Ventricularâ€“Subventricular Zone. Cerebral Cortex, 2019, 29, 3590-3604.	1.6	10
121	c-fos mRNA expression associated with PGF2Î±-induced nest-building behaviour in female pigs. Molecular Brain Research, 2002, 104, 31-37.	2.5	9
122	Prostaglandin F2Î± -Induced Nest-Building Behaviour is Associated with Increased Hypothalamic c-fos and c-jun mRNA Expression. Journal of Neuroendocrinology, 2002, 14, 711-723.	1.2	9
123	Vitamin D and the Brain: A Neuropsychiatric Perspective. Clinical Reviews in Bone and Mineral Metabolism, 2009, 7, 199-205.	1.3	9
124	The Developmental Vitamin D (DVD) Model of Schizophrenia. Neuromethods, 2011, , 113-125.	0.2	9
125	Improvement of attention with amphetamine in low- and high-performing rats. Psychopharmacology, 2016, 233, 3383-3394.	1.5	9
126	Heterozygosity for Nuclear Factor One X in mice models features of Malan syndrome. EBioMedicine, 2019, 39, 388-400.	2.7	9

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127	Effect of vitamin D deficiency during pregnancy on offspring bone structure, composition and quality in later life. Journal of Developmental Origins of Health and Disease, 2013, 4, 49-55.	0.7	8
128	MK-801-induced behavioural sensitisation alters dopamine release and turnover in rat prefrontal cortex. Psychopharmacology, 2015, 232, 509-517.	1.5	8
129	Short- and long-term effects of risperidone on catalepsy sensitisation and acquisition of conditioned avoidance response: Adolescent vs adult rats. Pharmacological Research, 2017, 121, 1-13.	3.1	8
130	Baseline-dependent effects of amphetamine on attention are associated with striatal dopamine metabolism. Scientific Reports, 2017, 7, 297.	1.6	8
131	Behavioural sensitisation to MK-801 is dose-dependent and independent of environmental context. Behavioural Brain Research, 2016, 298, 241-245.	1.2	7
132	A morphology independent approach for identifying dividing adult neural stem cells in the mouse hippocampus. Developmental Dynamics, 2018, 247, 194-200.	0.8	7
133	Treating cognitive impairment in schizophrenia with GLP-1RAs: an overview of their therapeutic potential. Expert Opinion on Investigational Drugs, 2021, 30, 877-891.	1.9	7
134	Effect of the glucocorticoid receptor antagonist RU486 on MK-801 induced behavioural sensitisation. PLoS ONE, 2017, 12, e0176156.	1.1	7
135	PGF2Î±-induced nest building and choice behaviour in female domestic pigs. Applied Animal Behaviour Science, 2001, 73, 267-279.	0.8	6
136	Effects of Prostaglandin F2Î± Treatment of Pseudopregnant Pigs on Nest Building and Interactions with Newborn Piglets. Hormones and Behavior, 2001, 39, 206-215.	1.0	5
137	Summary of the 1st Schizophrenia International Research Society Conference oral sessions, Venice, Italy, June 21â€“25, 2008: The rapporteur reports. Schizophrenia Research, 2008, 105, 289-383.	1.1	5
138	Neural changes induced by antipsychotic administration in adolescence: A review of studies in laboratory rodents. Journal of Psychopharmacology, 2016, 30, 771-794.	2.0	5
139	Abnormal Behavior and Cortical Connectivity Deficits in Mice Lacking Usp9x. Cerebral Cortex, 2021, 31, 1763-1775.	1.6	5
140	Analysis of hippocampal-dependent learning and memory behaviour in mice lacking Nfix from adult neural stem cells. BMC Research Notes, 2018, 11, 564.	0.6	4
141	Touchscreen-based Visual Discrimination and Reversal Tasks for Mice to Test Cognitive Flexibility. Bio-protocol, 2017, 7, e2583.	0.2	4
142	Seasonal variation in birth weight. Cmaj, 2005, 173, 733-733.	0.9	3
143	Aposematic colouration enhances memory formation in domestic chicks trained in a weak passive avoidance learning paradigm. Brain Research Bulletin, 2008, 76, 313-316.	1.4	3
144	Risperidone induces long-lasting changes in the conditioned avoidance response and accumbal gene expression selectively in animals treated as adolescents. Neuropharmacology, 2016, 108, 264-274.	2.0	3

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145	Impaired spatial memory in adult vitamin D deficient BALB/c mice is associated with reductions in spine density, nitric oxide, and neural nitric oxide synthase in the hippocampus. AIMS Neuroscience, 2022, 9, 31-56.	1.0	3
146	Effects of ovariohysterectomy on prostaglandin F2Î±-induced nesting behaviour in pigs. Physiology and Behavior, 2001, 74, 145-152.	1.0	2
147	The impact of vitamin D deficiency on behaviour and brain function in rodents. Current Opinion in Behavioral Sciences, 2016, 7, 47-52.	2.0	2
148	Adult Vitamin D Deficiency and Adverse Brain Outcomes. , 2018, , 1147-1158.		2
149	Functional and molecular changes in the nucleus accumbens of MK-801-sensitized rats. Behavioural Pharmacology, 2019, 30, 383-395.	0.8	1
150	Animal models may help fractionate shared and discrete pathways underpinning schizophrenia and autism. Behavioral and Brain Sciences, 2008, 31, 264-265.	0.4	0
151	ATTENTIONAL PERFORMANCE OF DVD-DEFICIENT RATS IN THE 5-CHOICE CONTINUOUS PERFORMANCE TEST. Schizophrenia Research, 2010, 117, 275.	1.1	0
152	INCREASED DE NOVO COPYNUMBERVARIANTSIN THE OFFSPRINGOF OLDER MALES. Schizophrenia Research, 2012, 136, S3-S4.	1.1	0
153	Prenatal vitamin D deficiency does not exacerbate behavioural impairments associated with prenatal ethanol exposure in juvenile male mice. Behavioural Brain Research, 2019, 356, 127-136.	1.2	0
154	Vitamin D and the Brain: A Neuropsychiatric Perspective. , 2010, , 335-344.		0