

Darryl W Eyles

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4800658/publications.pdf>

Version: 2024-02-01

173
papers

12,885
citations

20759

60
h-index

25716

108
g-index

182
all docs

182
docs citations

182
times ranked

10412
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution of the Vitamin D receptor and 1 α -hydroxylase in human brain. <i>Journal of Chemical Neuroanatomy</i> , 2005, 29, 21-30.	1.0	1,208
2	Vitamin D, effects on brain development, adult brain function and the links between low levels of vitamin D and neuropsychiatric disease. <i>Frontiers in Neuroendocrinology</i> , 2013, 34, 47-64.	2.5	546
3	Vitamin d3 and brain development. <i>Neuroscience</i> , 2003, 118, 641-653.	1.1	508
4	Neonatal Vitamin D Status and Risk of Schizophrenia. <i>Archives of General Psychiatry</i> , 2010, 67, 889.	13.8	315
5	1,25-Dihydroxyvitamin D3 induces nerve growth factor, promotes neurite outgrowth and inhibits mitosis in embryonic rat hippocampal neurons. <i>Neuroscience Letters</i> , 2003, 343, 139-143.	1.0	313
6	Developmental Vitamin D3 deficiency alters the adult rat brain. <i>Brain Research Bulletin</i> , 2005, 65, 141-148.	1.4	245
7	Dopamine, psychosis and schizophrenia: the widening gap between basic and clinical neuroscience. <i>Translational Psychiatry</i> , 2018, 8, 30.	2.4	224
8	A sensitive LC/MS/MS assay of 25OH vitamin D3 and 25OH vitamin D2 in dried blood spots. <i>Clinica Chimica Acta</i> , 2009, 403, 145-151.	0.5	214
9	Genome-wide association study identifies 143 loci associated with 25 hydroxyvitamin D concentration. <i>Nature Communications</i> , 2020, 11, 1647.	5.8	211
10	Vitamin D and the brain. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2011, 25, 657-669.	2.2	210
11	Developmental vitamin D deficiency causes abnormal brain development. <i>Psychoneuroendocrinology</i> , 2009, 34, S247-S257.	1.3	203
12	The High Prevalence of Vitamin D Insufficiency across Australian Populations Is Only Partly Explained by Season and Latitude. <i>Environmental Health Perspectives</i> , 2007, 115, 1132-1139.	2.8	198
13	A systematic review of the association between common single nucleotide polymorphisms and 25-hydroxyvitamin D concentrations. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 121, 471-477.	1.2	195
14	Developmental Vitamin D Deficiency and Risk of Schizophrenia: A 10-Year Update. <i>Schizophrenia Bulletin</i> , 2010, 36, 1073-1078.	2.3	192
15	The effects of vitamin D on brain development and adult brain function. <i>Molecular and Cellular Endocrinology</i> , 2011, 347, 121-127.	1.6	177
16	Advanced Paternal Age Is Associated with Impaired Neurocognitive Outcomes during Infancy and Childhood. <i>PLoS Medicine</i> , 2009, 6, e1000040.	3.9	174
17	Developmental Vitamin D Deficiency Alters MK 801-Induced Hyperlocomotion in the Adult Rat: An Animal Model of Schizophrenia. <i>Biological Psychiatry</i> , 2006, 60, 591-596.	0.7	169
18	The neurodevelopmental hypothesis of schizophrenia: a review of recent developments. <i>Annals of Medicine</i> , 2003, 35, 86-93.	1.5	168

#	ARTICLE	IF	CITATIONS
19	Developmental vitamin D deficiency alters brain protein expression in the adult rat: Implications for neuropsychiatric disorders. <i>Proteomics</i> , 2007, 7, 769-780.	1.3	166
20	Low maternal vitamin D as a risk factor for schizophrenia: a pilot study using banked sera. <i>Schizophrenia Research</i> , 2003, 63, 73-78.	1.1	163
21	Behavioural characterization of Vitamin D receptor knockout mice. <i>Behavioural Brain Research</i> , 2005, 157, 299-308.	1.2	161
22	Vitamin D and the brain: Genomic and non-genomic actions. <i>Molecular and Cellular Endocrinology</i> , 2017, 453, 131-143.	1.6	157
23	Transient prenatal vitamin D deficiency is associated with subtle alterations in learning and memory functions in adult rats. <i>Behavioural Brain Research</i> , 2005, 161, 306-312.	1.2	156
24	Developmental vitamin D deficiency alters the expression of genes encoding mitochondrial, cytoskeletal and synaptic proteins in the adult rat brain. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 103, 538-545.	1.2	153
25	The vitamin D receptor in dopamine neurons; its presence in human substantia nigra and its ontogenesis in rat midbrain. <i>Neuroscience</i> , 2013, 236, 77-87.	1.1	148
26	Effects of Vitamin D Supplementation on Cognitive and Emotional Functioning in Young Adults – A Randomised Controlled Trial. <i>PLoS ONE</i> , 2011, 6, e25966.	1.1	146
27	Transient prenatal Vitamin D deficiency is associated with hyperlocomotion in adult rats. <i>Behavioural Brain Research</i> , 2004, 154, 549-555.	1.2	131
28	Autism spectrum disorder and low vitamin D at birth: a sibling control study. <i>Molecular Autism</i> , 2015, 6, 3.	2.6	130
29	Vitamin D insufficiency is associated with impaired vascular endothelial and smooth muscle function and hypertension in young rats. <i>Journal of Physiology</i> , 2011, 589, 4777-4786.	1.3	128
30	Vitamin D deficiency during various stages of pregnancy in the rat; its impact on development and behaviour in adult offspring. <i>Psychoneuroendocrinology</i> , 2007, 32, 227-234.	1.3	127
31	Developmental vitamin D deficiency alters adult behaviour in 129/SvJ and C57BL/6J mice. <i>Behavioural Brain Research</i> , 2008, 187, 343-350.	1.2	127
32	Maternal vitamin D concentrations during pregnancy, fetal growth patterns, and risks of adverse birth outcomes. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1514-1522.	2.2	127
33	Vitamin D insufficiency in south-east Queensland. <i>Medical Journal of Australia</i> , 2001, 174, 150-151.	0.8	126
34	Maternal vitamin D depletion alters neurogenesis in the developing rat brain. <i>International Journal of Developmental Neuroscience</i> , 2007, 25, 227-232.	0.7	126
35	Maternal vitamin D3 deprivation and the regulation of apoptosis and cell cycle during rat brain development. <i>Developmental Brain Research</i> , 2004, 153, 61-68.	2.1	123
36	No Association between Serum 25-Hydroxyvitamin D₃ Level and Performance on Psychometric Tests in NHANES III. <i>Neuroepidemiology</i> , 2007, 29, 49-54.	1.1	122

#	ARTICLE	IF	CITATIONS
37	Gestational vitamin D deficiency and autism-related traits: the Generation R Study. <i>Molecular Psychiatry</i> , 2018, 23, 240-246.	4.1	120
38	Adult vitamin D deficiency leads to behavioural and brain neurochemical alterations in C57BL/6J and BALB/c mice. <i>Behavioural Brain Research</i> , 2013, 241, 120-131.	1.2	115
39	Neuronal calcium-binding proteins and schizophrenia. <i>Schizophrenia Research</i> , 2002, 57, 27-34.	1.1	114
40	Vitamin D3â€™implications for brain development. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004, 89-90, 557-560.	1.2	113
41	Developmental vitamin D deficiency alters dopamine-mediated behaviors and dopamine transporter function in adult female rats. <i>Psychopharmacology</i> , 2010, 208, 159-168.	1.5	107
42	Developmental vitamin D deficiency alters dopamine turnover in neonatal rat forebrain. <i>Neuroscience Letters</i> , 2009, 461, 155-158.	1.0	104
43	Vitamin D in fetal brain development. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 629-636.	2.3	104
44	Vitamin D regulates tyrosine hydroxylase expression: N-cadherin a possible mediator. <i>Neuroscience</i> , 2015, 304, 90-100.	1.1	96
45	Interferon-Î² and serum 25-hydroxyvitamin D interact to modulate relapse risk in MS. <i>Neurology</i> , 2012, 79, 254-260.	1.5	90
46	Intracellular distribution of the vitamin D receptor in the brain: Comparison with classic target tissues and redistribution with development. <i>Neuroscience</i> , 2014, 268, 1-9.	1.1	90
47	Differential expression of vitamin D-associated enzymes and receptors in brain cell subtypes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 177, 129-134.	1.2	90
48	Vitamin D and the brain: Key questions for future research. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 148, 305-309.	1.2	88
49	Vitamin D signaling and the differentiation of developing dopamine systems. <i>Neuroscience</i> , 2016, 333, 193-203.	1.1	88
50	Vitamin D treatment during pregnancy prevents autism-related phenotypes in a mouse model of maternal immune activation. <i>Molecular Autism</i> , 2017, 8, 9.	2.6	88
51	Vitamin D: the neglected neurosteroid?. <i>Trends in Neurosciences</i> , 2001, 24, 570-571.	4.2	86
52	Gestational vitamin D deficiency and autism spectrum disorder. <i>BJPsych Open</i> , 2017, 3, 85-90.	0.3	86
53	Identification of potentially neurotoxic pyridinium metabolite in the urine of schizophrenic patients treated with haloperidol. <i>Biochemical and Biophysical Research Communications</i> , 1991, 181, 573-578.	1.0	83
54	Maternal vitamin D deficiency alters the expression of genes involved in dopamine specification in the developing rat mesencephalon. <i>Neuroscience Letters</i> , 2010, 486, 220-223.	1.0	80

#	ARTICLE	IF	CITATIONS
55	Schizophrenia: do all roads lead to dopamine or is this where they start? Evidence from two epidemiologically informed developmental rodent models. <i>Translational Psychiatry</i> , 2012, 2, e81-e81.	2.4	80
56	The Neurodevelopmental Hypothesis of Schizophrenia. <i>Psychiatric Clinics of North America</i> , 2012, 35, 571-584.	0.7	74
57	The association between neonatal vitamin D status and risk of schizophrenia. <i>Scientific Reports</i> , 2018, 8, 17692.	1.6	73
58	The utility of neonatal dried blood spots for the assessment of neonatal vitamin D status. <i>Paediatric and Perinatal Epidemiology</i> , 2010, 24, 303-308.	0.8	69
59	Prevalence and predictors of vitamin D deficiency based on maternal mid-gestation and neonatal cord bloods: The Generation R Study. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 164, 161-167.	1.2	68
60	Schizophrenia, vitamin D, and brain development. <i>International Review of Neurobiology</i> , 2004, 59, 351-380.	0.9	62
61	Combined prenatal and chronic postnatal vitamin D deficiency in rats impairs prepulse inhibition of acoustic startle. <i>Physiology and Behavior</i> , 2004, 81, 651-655.	1.0	62
62	Developmental vitamin D (DVD) deficiency in the rat alters adult behaviour independently of HPA function. <i>Psychoneuroendocrinology</i> , 2006, 31, 958-964.	1.3	61
63	Neonatal vitamin D status and risk of multiple sclerosis. <i>Annals of Neurology</i> , 2014, 76, 338-346.	2.8	60
64	Developmental vitamin D deficiency and autism: Putative pathogenic mechanisms. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 175, 108-118.	1.2	60
65	Developmental vitamin D and autism spectrum disorders: findings from the Stockholm Youth Cohort. <i>Molecular Psychiatry</i> , 2021, 26, 1578-1588.	4.1	60
66	Big ideas for small brains: what can psychiatry learn from worms, flies, bees and fish?. <i>Molecular Psychiatry</i> , 2011, 16, 7-16.	4.1	59
67	Measurements of 25-Hydroxyvitamin D Concentrations in Archived Dried Blood Spots Are Reliable and Accurately Reflect Those in Plasma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 3319-3324.	1.8	59
68	Cognitive performance and response inhibition in developmentally vitamin D (DVD)-deficient rats. <i>Behavioural Brain Research</i> , 2013, 242, 47-53.	1.2	55
69	Vitamin D regulation of GDNF/Ret signaling in dopaminergic neurons. <i>FASEB Journal</i> , 2018, 32, 819-828.	0.2	54
70	Quantitative analysis of two pyridinium metabolites of haloperidol in patients with schizophrenia. <i>Clinical Pharmacology and Therapeutics</i> , 1994, 56, 512-520.	2.3	53
71	The Impact of Adult Vitamin D Deficiency on Behaviour and Brain Function in Male Sprague-Dawley Rats. <i>PLoS ONE</i> , 2013, 8, e71593.	1.1	53
72	Vitamin D and schizophrenia: 20 years on. <i>Molecular Psychiatry</i> , 2021, 26, 2708-2720.	4.1	51

#	ARTICLE	IF	CITATIONS
73	Developmental vitamin D deficiency alters multiple neurotransmitter systems in the neonatal rat brain. <i>International Journal of Developmental Neuroscience</i> , 2017, 62, 1-7.	0.7	50
74	The association between birth weight, season of birth and latitude. <i>Annals of Human Biology</i> , 2005, 32, 547-559.	0.4	49
75	Developmental vitamin D deficiency alters MK-801-induced behaviours in adult offspring. <i>Psychopharmacology</i> , 2012, 220, 455-463.	1.5	49
76	Hyperlocomotion associated with transient prenatal vitamin D deficiency is ameliorated by acute restraint. <i>Behavioural Brain Research</i> , 2006, 174, 119-124.	1.2	48
77	Infection with the wMel and wMelPop strains of <i>Wolbachia</i> leads to higher levels of melanization in the hemolymph of <i>Drosophila melanogaster</i> , <i>Drosophila simulans</i> and <i>Aedes aegypti</i> . <i>Developmental and Comparative Immunology</i> , 2011, 35, 360-365.	1.0	48
78	Stereospecific reduction of haloperidol in human tissues. <i>Biochemical Pharmacology</i> , 1992, 44, 867-871.	2.0	47
79	<i>Wolbachia</i> Influences the Production of Octopamine and Affects <i>Drosophila</i> Male Aggression. <i>Applied and Environmental Microbiology</i> , 2015, 81, 4573-4580.	1.4	46
80	Formation of pyridinium species of haloperidol in human liver and brain. <i>Psychopharmacology</i> , 1996, 125, 214-219.	1.5	45
81	Vitamin D receptor expression in the embryonic rat brain. <i>Neuroscience Research Communications</i> , 2003, 33, 63-71.	0.2	45
82	Advanced paternal age is associated with alterations in discrete behavioural domains and cortical neuroanatomy of C57BL/6J mice. <i>European Journal of Neuroscience</i> , 2010, 31, 556-564.	1.2	45
83	Distribution of 25-hydroxyvitamin D3 in dried blood spots and implications for its quantitation by tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 901, 47-52.	1.2	45
84	Maternal Vitamin D Prevents Abnormal Dopaminergic Development and Function in a Mouse Model of Prenatal Immune Activation. <i>Scientific Reports</i> , 2018, 8, 9741.	1.6	45
85	Two pyridinium metabolites of haloperidol are present in the brain of patients at post-mortem. <i>Life Sciences</i> , 1997, 60, 529-534.	2.0	42
86	Vitamin D: Brain and Behavior. <i>JBMR Plus</i> , 2021, 5, e10419.	1.3	42
87	Increased de novo copy number variants in the offspring of older males. <i>Translational Psychiatry</i> , 2011, 1, e34-e34.	2.4	41
88	Vitamin D and autism: does skin colour modify risk?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010, 99, 645-647.	0.7	39
89	Associations of maternal and fetal 25-hydroxyvitamin D levels with childhood lung function and asthma: the Generation R Study. <i>Clinical and Experimental Allergy</i> , 2016, 46, 337-346.	1.4	38
90	Altered dopamine ontogeny in the developmentally vitamin D deficient rat and its relevance to schizophrenia. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 111.	1.8	37

#	ARTICLE	IF	CITATIONS
91	Minimizing Matrix Effects for the Accurate Quantification of 25-Hydroxyvitamin D Metabolites in Dried Blood Spots by LC-MS/MS. <i>Clinical Chemistry</i> , 2016, 62, 639-646.	1.5	37
92	Protein Expression in the Nucleus Accumbens of Rats Exposed to Developmental Vitamin D Deficiency. <i>PLoS ONE</i> , 2008, 3, e2383.	1.1	35
93	Neuroanatomy and psychomimetic-induced locomotion in C57BL/6J and 129/X1Svj mice exposed to developmental vitamin D deficiency. <i>Behavioural Brain Research</i> , 2012, 230, 125-131.	1.2	34
94	Newborn vitamin D levels in relation to autism spectrum disorders and intellectual disability: A caseâ€“control study in california. <i>Autism Research</i> , 2019, 12, 989-998.	2.1	32
95	Attentional Processing in C57BL/6J Mice Exposed to Developmental Vitamin D Deficiency. <i>PLoS ONE</i> , 2012, 7, e35896.	1.1	31
96	Neonatal vitamin D status in relation to autism spectrum disorder and developmental delay in the CHARGE caseâ€“control study. <i>Autism Research</i> , 2019, 12, 976-988.	2.1	30
97	Developmental vitamin D3 deficiency induces alterations in immune organ morphology and function in adult offspring. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 121, 239-242.	1.2	29
98	The w MelPop strain of Wolbachia interferes with dopamine levels in <i>Aedes aegypti</i> . <i>Parasites and Vectors</i> , 2011, 4, 28.	1.0	29
99	Developmental Vitamin D Deficiency Produces Behavioral Phenotypes of Relevance to Autism in an Animal Model. <i>Nutrients</i> , 2019, 11, 1187.	1.7	29
100	Season of birth, neonatal vitamin D status, and cardiovascular disease risk at 35 y of age: a cohort study from Sweden. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 472-478.	2.2	28
101	Rhinoviruses significantly affect day-to-day respiratory symptoms of children with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 663-669.e12.	1.5	27
102	Neonatal vitamin D status and childhood peanut allergy: a pilot study. <i>Annals of Allergy, Asthma and Immunology</i> , 2012, 109, 324-328.	0.5	25
103	A Collaborative Analysis of Individual Participant Data from 19 Prospective Studies Assesses Circulating Vitamin D and Prostate Cancer Risk. <i>Cancer Research</i> , 2019, 79, 274-285.	0.4	25
104	How do established developmental risk-factors for schizophrenia change the way the brain develops?. <i>Translational Psychiatry</i> , 2021, 11, 158.	2.4	24
105	Determination of haloperidol and reduced haloperidol in the plasma and blood of patients on depot haloperidol. <i>Psychopharmacology</i> , 1992, 106, 268-274.	1.5	23
106	Haloperidol and its tetrahydropyridine derivative (HPTP) are metabolized to potentially neurotoxic pyridinium species in the baboon. <i>Life Sciences</i> , 1996, 59, 1473-1482.	2.0	23
107	Low vitamin D concentration exacerbates adult brain dysfunction. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 907-908.	2.2	23
108	Developmental Vitamin D (DVD) Deficiency Reduces Nurr1 and TH Expression in Post-mitotic Dopamine Neurons in Rat Mesencephalon. <i>Molecular Neurobiology</i> , 2018, 55, 2443-2453.	1.9	23

#	ARTICLE	IF	CITATIONS
109	Ontogeny of small RNA in the regulation of mammalian brain development. <i>BMC Genomics</i> , 2014, 15, 777.	1.2	22
110	Heritability of Transforming Growth Factor- β 1 and Tumor Necrosis Factor-Receptor Type 1 Expression and Vitamin D Levels in Healthy Adolescent Twins. <i>Twin Research and Human Genetics</i> , 2015, 18, 28-35.	0.3	22
111	Transient Dysregulation of Dopamine Signaling in a Developing Drosophila Arousal Circuit Permanently Impairs Behavioral Responsiveness in Adults. <i>Frontiers in Psychiatry</i> , 2017, 8, 22.	1.3	22
112	The placental immune response is dysregulated developmentally vitamin D deficient rats: Relevance to autism. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 180, 73-80.	1.2	22
113	Circulating 25-Hydroxyvitamin D Concentration and Risk of Breast, Prostate, and Colorectal Cancers: The Melbourne Collaborative Cohort Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 900-908.	1.1	22
114	Vitamin D status and the risk of type 2 diabetes: The Melbourne Collaborative Cohort Study. <i>Diabetes Research and Clinical Practice</i> , 2019, 149, 179-187.	1.1	21
115	Developmental vitamin D (DVD) deficiency alters pup-retrieval but not isolation-induced pup ultrasonic vocalizations in the rat. <i>Physiology and Behavior</i> , 2011, 102, 201-204.	1.0	20
116	Predictors of vitamin D status in New Zealand preschool children. <i>Maternal and Child Nutrition</i> , 2017, 13, .	1.4	20
117	1,25-Dihydroxyvitamin D modulates L-type voltage-gated calcium channels in a subset of neurons in the developing mouse prefrontal cortex. <i>Translational Psychiatry</i> , 2019, 9, 281.	2.4	20
118	Hyperserotonemia and reduced brain serotonin levels in NaS1 sulphate transporter null mice. <i>NeuroReport</i> , 2007, 18, 1981-1985.	0.6	19
119	Transient Knockdown of Tyrosine Hydroxylase during Development Has Persistent Effects on Behaviour in Adult Zebrafish (<i>Danio rerio</i>). <i>PLoS ONE</i> , 2012, 7, e42482.	1.1	19
120	Maternal Vitamin D Levels During Pregnancy in Association With Autism Spectrum Disorders (<scp>ASD</scp>) or Intellectual Disability (<scp>ID</scp>) in Offspring; Exploring Nonâ€linear Patterns and Demographic Subâ€groups. <i>Autism Research</i> , 2020, 13, 2216-2229.	2.1	19
121	Season of birth and risk of brain tumors in adults. <i>Neurology</i> , 2005, 64, 1317-1317.	1.5	18
122	The impact of nonlinear exposure-risk relationships on seasonal time-series data: modelling Danish neonatal birth anthropometric data. <i>BMC Medical Research Methodology</i> , 2007, 7, 45.	1.4	18
123	Prenatal Vitamin D Deficiency Induces an Early and More Severe Experimental Autoimmune Encephalomyelitis in the Second Generation. <i>International Journal of Molecular Sciences</i> , 2012, 13, 10911-10919.	1.8	18
124	Transient activation of dopaminergic neurons during development modulates visual responsiveness, locomotion and brain activity in a dopamine ontogeny model of schizophrenia. <i>Translational Psychiatry</i> , 2013, 3, e206-e206.	2.4	18
125	Effects of paraquat on canine bronchoalveolar lavage fluid. <i>Toxicology and Applied Pharmacology</i> , 1989, 98, 206-215.	1.3	16
126	Nonlinear relationship between circulating concentrations of reduced haloperidol and haloperidol: evaluation of possible mechanisms. <i>Psychopharmacology</i> , 1994, 116, 161-166.	1.5	16

#	ARTICLE	IF	CITATIONS
127	New Perspectives on Rodent Models of Advanced Paternal Age: Relevance to Autism. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 32.	1.0	16
128	The Effects of Breeding Protocol in C57BL/6J Mice on Adult Offspring Behaviour. <i>PLoS ONE</i> , 2011, 6, e18152.	1.1	16
129	The Relationship between Vitamin D Status and Allergic Diseases in New Zealand Preschool Children. <i>Nutrients</i> , 2016, 8, 326.	1.7	16
130	Associations of maternal and fetal vitamin D status with childhood body composition and cardiovascular risk factors. <i>Maternal and Child Nutrition</i> , 2019, 15, e12672.	1.4	16
131	Determinants of Neonatal Vitamin D Levels as Measured on Neonatal Dried Blood Spot Samples. <i>Neonatology</i> , 2017, 111, 153-161.	0.9	15
132	The vitamin D receptor (VDR) binds to the nuclear matrix via its hinge domain: A potential mechanism for the reduction in VDR mediated transcription in mitotic cells. <i>Molecular and Cellular Endocrinology</i> , 2018, 472, 18-25.	1.6	15
133	Half the Genetic Variance in Vitamin D Concentration is Shared with Skin Colour and Sun Exposure Genes. <i>Behavior Genetics</i> , 2019, 49, 386-398.	1.4	15
134	Enhanced Dopamine in Prodromal Schizophrenia (EDiPS): a new animal model of relevance to schizophrenia. <i>NPJ Schizophrenia</i> , 2019, 5, 6.	2.0	15
135	Vitamin D deficiency worsens maternal diabetes induced neurodevelopmental disorder by potentiating hyperglycemia-mediated epigenetic changes. <i>Annals of the New York Academy of Sciences</i> , 2021, 1491, 74-88.	1.8	15
136	Developmentally vitamin D-deficient rats show enhanced prepulse inhibition after acute δ^9 -tetrahydrocannabinol. <i>Behavioural Pharmacology</i> , 2014, 25, 236-244.	0.8	14
137	Associations of maternal and fetal 25-hydroxyvitamin D levels with childhood eczema: The Generation R Study. <i>Pediatric Allergy and Immunology</i> , 2016, 27, 283-289.	1.1	12
138	Developmental Vitamin D Deficiency in the Rat Impairs Recognition Memory, but Has No Effect on Social Approach or Hedonia. <i>Nutrients</i> , 2019, 11, 2713.	1.7	12
139	Increasing paternal age alters anxiety-related behaviour in adult mice. <i>Genes, Brain and Behavior</i> , 2019, 18, e12522.	1.1	12
140	Developmental vitamin D deficiency increases foetal exposure to testosterone. <i>Molecular Autism</i> , 2020, 11, 96.	2.6	12
141	Prevalence and correlates of suboptimal vitamin D status in people living with psychotic disorders: Data from the Australian Survey of High Impact Psychosis. <i>Australian and New Zealand Journal of Psychiatry</i> , 2017, 51, 921-929.	1.3	11
142	Early life vitamin D depletion alters the postnatal response to skeletal loading in growing and mature bone. <i>PLoS ONE</i> , 2018, 13, e0190675.	1.1	11
143	Mitochondrial ultrastructure and density in a primate model of persistent tardive dyskinesia. <i>Life Sciences</i> , 2000, 66, 1345-1350.	2.0	10
144	Vitamin D status during fetal life and childhood kidney outcomes. <i>European Journal of Clinical Nutrition</i> , 2016, 70, 629-634.	1.3	10

#	ARTICLE	IF	CITATIONS
145	Genetic Contributions to Maternal and Neonatal Vitamin D Levels. <i>Genetics</i> , 2020, 214, 1091-1102.	1.2	10
146	Vitamin D and the Brain: A Neuropsychiatric Perspective. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2009, 7, 199-205.	1.3	9
147	The Developmental Vitamin D (DVD) Model of Schizophrenia. <i>Neuromethods</i> , 2011, , 113-125.	0.2	9
148	Effect of vitamin D deficiency during pregnancy on offspring bone structure, composition and quality in later life. <i>Journal of Developmental Origins of Health and Disease</i> , 2013, 4, 49-55.	0.7	8
149	MK-801-induced behavioural sensitisation alters dopamine release and turnover in rat prefrontal cortex. <i>Psychopharmacology</i> , 2015, 232, 509-517.	1.5	8
150	Short- and long-term effects of risperidone on catalepsy sensitisation and acquisition of conditioned avoidance response: Adolescent vs adult rats. <i>Pharmacological Research</i> , 2017, 121, 1-13.	3.1	8
151	Behavioural sensitisation to MK-801 is dose-dependent and independent of environmental context. <i>Behavioural Brain Research</i> , 2016, 298, 241-245.	1.2	7
152	25-Hydroxyvitamin D concentration and all-cause mortality: the Melbourne Collaborative Cohort Study. <i>Public Health Nutrition</i> , 2017, 20, 1775-1784.	1.1	7
153	Circulating 25-hydroxyvitamin D concentration and cause-specific mortality in the Melbourne Collaborative Cohort Study. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 198, 105612.	1.2	7
154	Effect of the glucocorticoid receptor antagonist RU486 on MK-801 induced behavioural sensitisation. <i>PLoS ONE</i> , 2017, 12, e0176156.	1.1	7
155	Positive symptom phenotypes appear progressively in "EDiPS", a new animal model of the schizophrenia prodrome. <i>Scientific Reports</i> , 2021, 11, 4294.	1.6	6
156	Developmental vitamin D-deficiency increases the expression of microRNAs involved in dopamine neuron development. <i>Brain Research</i> , 2022, 1789, 147953.	1.1	6
157	Prenatal hypoxia alters the early ontogeny of dopamine neurons. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	6
158	Chirality of reduced haloperidol in humans. <i>European Neuropsychopharmacology</i> , 1998, 8, 127-129.	0.3	5
159	Neural changes induced by antipsychotic administration in adolescence: A review of studies in laboratory rodents. <i>Journal of Psychopharmacology</i> , 2016, 30, 771-794.	2.0	5
160	Maternal Nutritional Deficiencies and Schizophrenia. <i>Handbook of Behavioral Neuroscience</i> , 2016, , 243-264.	0.7	4
161	Seasonal variation in birth weight. <i>Cmaj</i> , 2005, 173, 733-733.	0.9	3
162	Risperidone induces long-lasting changes in the conditioned avoidance response and accumbal gene expression selectively in animals treated as adolescents. <i>Neuropharmacology</i> , 2016, 108, 264-274.	2.0	3

#	ARTICLE	IF	CITATIONS
163	Developmental Inhibition of Long Intergenic Non-Coding RNA, HOTAIRM1, Impairs Dopamine Neuron Differentiation and Maturation. International Journal of Molecular Sciences, 2021, 22, 7268.	1.8	3
164	Animal Models of Relevance to the Schizophrenia Prodrome. Biological Psychiatry Global Open Science, 2023, 3, 22-32.	1.0	3
165	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
166	Vitamin D Brain Development and Function. , 2018, , 563-581.		1
167	Functional and molecular changes in the nucleus accumbens of MK-801-sensitized rats. Behavioural Pharmacology, 2019, 30, 383-395.	0.8	1
168	Association between circulating 25-hydroxyvitamin D concentrations and hip replacement for osteoarthritis: a prospective cohort study. BMC Musculoskeletal Disorders, 2021, 22, 887.	0.8	1
169	Quantitation of Paraquat in Biological Samples by Radioimmunoassay Using a Monoclonal Antibody. Toxicological Sciences, 1992, 19, 375-379.	1.4	0
170	Animal models may help fractionate shared and discrete pathways underpinning schizophrenia and autism. Behavioral and Brain Sciences, 2008, 31, 264-265.	0.4	0
171	ATTENTIONAL PERFORMANCE OF DVD-DEFICIENT RATS IN THE 5-CHOICE CONTINUOUS PERFORMANCE TEST. Schizophrenia Research, 2010, 117, 275.	1.1	0
172	Vitamin D and the Brain: A Neuropsychiatric Perspective. , 2010, , 335-344.		0
173	Developmental Vitamin D Deficiency in Pregnant Rats Does Not Induce Preeclampsia. Nutrients, 2021, 13, 4254.	1.7	0