

Darryl W Eyles

List of Publications by Year in descending order

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Version: 2024-02-01

173
papers

12,885
citations

20817

60
h-index

25787

108
g-index

182
all docs

182
docs citations

182
times ranked

10412
citing authors

#	ARTICLE	IF	CITATIONS
1	Animal Models of Relevance to the Schizophrenia Prodrome. <i>Biological Psychiatry Global Open Science</i> , 2023, 3, 22-32.	2.2	3
2	Developmental vitamin D-deficiency increases the expression of microRNAs involved in dopamine neuron development. <i>Brain Research</i> , 2022, 1789, 147953.	2.2	6
3	Prenatal hypoxia alters the early ontogeny of dopamine neurons. <i>Translational Psychiatry</i> , 2022, 12, .	4.8	6
4	Vitamin D: Brain and Behavior. <i>JBMR Plus</i> , 2021, 5, e10419.	2.7	42
5	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.	3.8	15
6	Developmental vitamin D and autism spectrum disorders: findings from the Stockholm Youth Cohort. <i>Molecular Psychiatry</i> , 2021, 26, 1578-1588.	7.9	60
7	Vitamin D and schizophrenia: 20 years on. <i>Molecular Psychiatry</i> , 2021, 26, 2708-2720.	7.9	51
8	Positive symptom phenotypes appear progressively in "EDiPS", a new animal model of the schizophrenia prodrome. <i>Scientific Reports</i> , 2021, 11, 4294.	3.3	6
9	How do established developmental risk-factors for schizophrenia change the way the brain develops?. <i>Translational Psychiatry</i> , 2021, 11, 158.	4.8	24
10	Developmental Inhibition of Long Intergenic Non-Coding RNA, HOTAIRM1, Impairs Dopamine Neuron Differentiation and Maturation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7268.	4.1	3
11	Association between circulating 25-hydroxyvitamin D concentrations and hip replacement for osteoarthritis: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 887.	1.9	1
12	Developmental Vitamin D Deficiency in Pregnant Rats Does Not Induce Preeclampsia. <i>Nutrients</i> , 2021, 13, 4254.	4.1	0
13	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.	2.5	7
14	Developmental vitamin D deficiency increases foetal exposure to testosterone. <i>Molecular Autism</i> , 2020, 11, 96.	4.9	12
15	Maternal Vitamin D Levels During Pregnancy in Association With Autism Spectrum Disorders (<scp>ASD</scp>) or Intellectual Disability (<scp>ID</scp>) in Offspring; Exploring Non-linear Patterns and Demographic Subgroups. <i>Autism Research</i> , 2020, 13, 2216-2229.	3.8	19
16	Genetic Contributions to Maternal and Neonatal Vitamin D Levels. <i>Genetics</i> , 2020, 214, 1091-1102.	2.9	10
17	Genome-wide association study identifies 143 loci associated with 25 hydroxyvitamin D concentration. <i>Nature Communications</i> , 2020, 11, 1647.	12.8	211
18	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.	2.8	21

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19	Developmental Vitamin D Deficiency Produces Behavioral Phenotypes of Relevance to Autism in an Animal Model. <i>Nutrients</i> , 2019, 11, 1187.	4.1	29
20	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.	3.8	30
21	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.	3.8	32
22	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.	2.1	15
23	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.	2.5	22
24	Enhanced Dopamine in Prodromal Schizophrenia (EDiPS): a new animal model of relevance to schizophrenia. <i>NPJ Schizophrenia</i> , 2019, 5, 6.	3.6	15
25	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.	4.1	12
26	Functional and molecular changes in the nucleus accumbens of MK-801-sensitized rats. <i>Behavioural Pharmacology</i> , 2019, 30, 383-395.	1.7	1
27	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.	4.8	20
28	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.	0.9	25
29	Increasing paternal age alters anxietyâ€“related behaviour in adult mice. <i>Genes, Brain and Behavior</i> , 2019, 18, e12522.	2.2	12
30	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.	3.0	16
31	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.	2.5	22
32	Dopamine, psychosis and schizophrenia: the widening gap between basic and clinical neuroscience. <i>Translational Psychiatry</i> , 2018, 8, 30.	4.8	224
33	Developmental vitamin D deficiency and autism: Putative pathogenic mechanisms. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 175, 108-118.	2.5	60
34	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.	4.0	23
35	Gestational vitamin D deficiency and autism-related traits: the Generation R Study. <i>Molecular Psychiatry</i> , 2018, 23, 240-246.	7.9	120
36	Vitamin D regulation of GDNF/Ret signaling in dopaminergic neurons. <i>FASEB Journal</i> , 2018, 32, 819-828.	0.5	54

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37	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.	2.5	90
38	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.	3.2	15
39	The association between neonatal vitamin D status and risk of schizophrenia. <i>Scientific Reports</i> , 2018, 8, 17692.	3.3	73
40	Maternal Vitamin D Prevents Abnormal Dopaminergic Development and Function in a Mouse Model of Prenatal Immune Activation. <i>Scientific Reports</i> , 2018, 8, 9741.	3.3	45
41	Vitamin D Brain Development and Function. , 2018, , 563-581.		1
42	Early life vitamin D depletion alters the postnatal response to skeletal loading in growing and mature bone. <i>PLoS ONE</i> , 2018, 13, e0190675.	2.5	11
43	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.	7.1	8
44	Gestational vitamin D deficiency and autism spectrum disorder. <i>BJPsych Open</i> , 2017, 3, 85-90.	0.7	86
45	Vitamin D and the brain: Genomic and non-genomic actions. <i>Molecular and Cellular Endocrinology</i> , 2017, 453, 131-143.	3.2	157
46	Vitamin D treatment during pregnancy prevents autism-related phenotypes in a mouse model of maternal immune activation. <i>Molecular Autism</i> , 2017, 8, 9.	4.9	88
47	25-Hydroxyvitamin D concentration and all-cause mortality: the Melbourne Collaborative Cohort Study. <i>Public Health Nutrition</i> , 2017, 20, 1775-1784.	2.2	7
48	Developmental vitamin D deficiency alters multiple neurotransmitter systems in the neonatal rat brain. <i>International Journal of Developmental Neuroscience</i> , 2017, 62, 1-7.	1.6	50
49	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.	2.3	11
50	Determinants of Neonatal Vitamin D Levels as Measured on Neonatal Dried Blood Spot Samples. <i>Neonatology</i> , 2017, 111, 153-161.	2.0	15
51	Predictors of vitamin D status in New Zealand preschool children. <i>Maternal and Child Nutrition</i> , 2017, 13, .	3.0	20
52	Transient Dysregulation of Dopamine Signaling in a Developing <i>Drosophila</i> Arousal Circuit Permanently Impairs Behavioral Responsiveness in Adults. <i>Frontiers in Psychiatry</i> , 2017, 8, 22.	2.6	22
53	Effect of the glucocorticoid receptor antagonist RU486 on MK-801 induced behavioural sensitisation. <i>PLoS ONE</i> , 2017, 12, e0176156.	2.5	7
54	The Relationship between Vitamin D Status and Allergic Diseases in New Zealand Preschool Children. <i>Nutrients</i> , 2016, 8, 326.	4.1	16

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55	Maternal Nutritional Deficiencies and Schizophrenia. Handbook of Behavioral Neuroscience, 2016, , 243-264.	0.7	4
56	Associations of maternal and fetal 25-hydroxyvitamin D levels with childhood lung function and asthma: the Generation R Study. Clinical and Experimental Allergy, 2016, 46, 337-346.	2.9	38
57	Associations of maternal and fetal 25-hydroxyvitamin D levels with childhood eczema: The Generation R Study. Pediatric Allergy and Immunology, 2016, 27, 283-289.	2.6	12
58	Maternal vitamin D concentrations during pregnancy, fetal growth patterns, and risks of adverse birth outcomes. American Journal of Clinical Nutrition, 2016, 103, 1514-1522.	4.7	127
59	Neural changes induced by antipsychotic administration in adolescence: A review of studies in laboratory rodents. Journal of Psychopharmacology, 2016, 30, 771-794.	4.0	5
60	Vitamin D signaling and the differentiation of developing dopamine systems. Neuroscience, 2016, 333, 193-203.	2.3	88
61	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.	4.1	3
62	Minimizing Matrix Effects for the Accurate Quantification of 25-Hydroxyvitamin D Metabolites in Dried Blood Spots by LC-MS/MS. Clinical Chemistry, 2016, 62, 639-646.	3.2	37
63	Behavioural sensitisation to MK-801 is dose-dependent and independent of environmental context. Behavioural Brain Research, 2016, 298, 241-245.	2.2	7
64	The impact of vitamin D deficiency on behaviour and brain function in rodents. Current Opinion in Behavioral Sciences, 2016, 7, 47-52.	3.9	2
65	Vitamin D status during fetal life and childhood kidney outcomes. European Journal of Clinical Nutrition, 2016, 70, 629-634.	2.9	10
66	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.	2.5	68
67	Vitamin D regulates tyrosine hydroxylase expression: N-cadherin a possible mediator. Neuroscience, 2015, 304, 90-100.	2.3	96
68	Autism spectrum disorder and low vitamin D at birth: a sibling control study. Molecular Autism, 2015, 6, 3.	4.9	130
69	Heritability of Transforming Growth Factor- β 1 and Tumor Necrosis Factor-Receptor Type 1 Expression and Vitamin D Levels in Healthy Adolescent Twins. Twin Research and Human Genetics, 2015, 18, 28-35.	0.6	22
70	Wolbachia Influences the Production of Octopamine and Affects Drosophila Male Aggression. Applied and Environmental Microbiology, 2015, 81, 4573-4580.	3.1	46
71	Rhinoviruses significantly affect day-to-day respiratory symptoms of children with asthma. Journal of Allergy and Clinical Immunology, 2015, 135, 663-669.e12.	2.9	27
72	Vitamin D and the brain: Key questions for future research. Journal of Steroid Biochemistry and Molecular Biology, 2015, 148, 305-309.	2.5	88

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73	MK-801-induced behavioural sensitisation alters dopamine release and turnover in rat prefrontal cortex. <i>Psychopharmacology</i> , 2015, 232, 509-517.	3.1	8
74	Ontogeny of small RNA in the regulation of mammalian brain development. <i>BMC Genomics</i> , 2014, 15, 777.	2.8	22
75	Developmentally vitamin D-deficient rats show enhanced prepulse inhibition after acute Δ^9 -tetrahydrocannabinol. <i>Behavioural Pharmacology</i> , 2014, 25, 236-244.	1.7	14
76	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.	4.7	28
77	Neonatal vitamin D status and risk of multiple sclerosis. <i>Annals of Neurology</i> , 2014, 76, 338-346.	5.3	60
78	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.	3.6	59
79	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.	2.3	90
80	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.	2.3	148
81	Cognitive performance and response inhibition in developmentally vitamin D (DVD)-deficient rats. <i>Behavioural Brain Research</i> , 2013, 242, 47-53.	2.2	55
82	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.	5.2	546
83	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.	2.2	115
84	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.	1.4	8
85	Low vitamin D concentration exacerbates adult brain dysfunction. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 907-908.	4.7	23
86	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.	4.8	18
87	Altered dopamine ontogeny in the developmentally vitamin D deficient rat and its relevance to schizophrenia. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 111.	3.7	37
88	The Impact of Adult Vitamin D Deficiency on Behaviour and Brain Function in Male Sprague-Dawley Rats. <i>PLoS ONE</i> , 2013, 8, e71593.	2.5	53
89	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.	4.1	18
90	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.	4.8	80

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91	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.	2.3	45
92	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.	2.2	34
93	Interferon- β and serum 25-hydroxyvitamin D interact to modulate relapse risk in MS. <i>Neurology</i> , 2012, 79, 254-260.	1.1	90
94	The Neurodevelopmental Hypothesis of Schizophrenia. <i>Psychiatric Clinics of North America</i> , 2012, 35, 571-584.	1.3	74
95	Neonatal vitamin D status and childhood peanut allergy: a pilot study. <i>Annals of Allergy, Asthma and Immunology</i> , 2012, 109, 324-328.	1.0	25
96	Attentional Processing in C57BL/6J Mice Exposed to Developmental Vitamin D Deficiency. <i>PLoS ONE</i> , 2012, 7, e35896.	2.5	31
97	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.	2.5	19
98	Developmental vitamin D deficiency alters MK-801-induced behaviours in adult offspring. <i>Psychopharmacology</i> , 2012, 220, 455-463.	3.1	49
99	The Developmental Vitamin D (DVD) Model of Schizophrenia. <i>NeuroMethods</i> , 2011, , 113-125.	0.3	9
100	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.	2.1	20
101	The wMelPop strain of <i>Wolbachia</i> interferes with dopamine levels in <i>Aedes aegypti</i> . <i>Parasites and Vectors</i> , 2011, 4, 28.	2.5	29
102	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.	2.3	48
103	Vitamin D and the brain. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2011, 25, 657-669.	4.7	210
104	The effects of vitamin D on brain development and adult brain function. <i>Molecular and Cellular Endocrinology</i> , 2011, 347, 121-127.	3.2	177
105	Vitamin D in fetal brain development. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 629-636.	5.0	104
106	New Perspectives on Rodent Models of Advanced Paternal Age: Relevance to Autism. <i>Frontiers in Behavioral Neuroscience</i> , 2011, 5, 32.	2.0	16
107	The Effects of Breeding Protocol in C57BL/6J Mice on Adult Offspring Behaviour. <i>PLoS ONE</i> , 2011, 6, e18152.	2.5	16
108	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.	2.9	128

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109	Big ideas for small brains: what can psychiatry learn from worms, flies, bees and fish?. <i>Molecular Psychiatry</i> , 2011, 16, 7-16.	7.9	59
110	Increased de novo copy number variants in the offspring of older males. <i>Translational Psychiatry</i> , 2011, 1, e34-e34.	4.8	41
111	Effects of Vitamin D Supplementation on Cognitive and Emotional Functioning in Young Adults – A Randomised Controlled Trial. <i>PLoS ONE</i> , 2011, 6, e25966.	2.5	146
112	Developmental vitamin D deficiency alters dopamine-mediated behaviors and dopamine transporter function in adult female rats. <i>Psychopharmacology</i> , 2010, 208, 159-168.	3.1	107
113	Vitamin D and autism: does skin colour modify risk?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010, 99, 645-647.	1.5	39
114	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.	1.7	69
115	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.	2.6	45
116	Neonatal Vitamin D Status and Risk of Schizophrenia. <i>Archives of General Psychiatry</i> , 2010, 67, 889.	12.3	315
117	ATTENTIONAL PERFORMANCE OF DVD-DEFICIENT RATS IN THE 5-CHOICE CONTINUOUS PERFORMANCE TEST. <i>Schizophrenia Research</i> , 2010, 117, 275.	2.0	0
118	Developmental Vitamin D Deficiency and Risk of Schizophrenia: A 10-Year Update. <i>Schizophrenia Bulletin</i> , 2010, 36, 1073-1078.	4.3	192
119	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.	2.1	80
120	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.	2.5	29
121	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.	2.5	195
122	Vitamin D and the Brain: A Neuropsychiatric Perspective. , 2010, , 335-344.		0
123	Advanced Paternal Age Is Associated with Impaired Neurocognitive Outcomes during Infancy and Childhood. <i>PLoS Medicine</i> , 2009, 6, e1000040.	8.4	174
124	Developmental vitamin D deficiency causes abnormal brain development. <i>Psychoneuroendocrinology</i> , 2009, 34, S247-S257.	2.7	203
125	Vitamin D and the Brain: A Neuropsychiatric Perspective. <i>Clinical Reviews in Bone and Mineral Metabolism</i> , 2009, 7, 199-205.	0.8	9
126	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.	1.1	214

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127	Developmental vitamin D deficiency alters dopamine turnover in neonatal rat forebrain. <i>Neuroscience Letters</i> , 2009, 461, 155-158.	2.1	104
128	Developmental vitamin D deficiency alters adult behaviour in 129/SvJ and C57BL/6J mice. <i>Behavioural Brain Research</i> , 2008, 187, 343-350.	2.2	127
129	Animal models may help fractionate shared and discrete pathways underpinning schizophrenia and autism. <i>Behavioral and Brain Sciences</i> , 2008, 31, 264-265.	0.7	0
130	Protein Expression in the Nucleus Accumbens of Rats Exposed to Developmental Vitamin D Deficiency. <i>PLoS ONE</i> , 2008, 3, e2383.	2.5	35
131	Hyperserotonaemia and reduced brain serotonin levels in NaS1 sulphate transporter null mice. <i>NeuroReport</i> , 2007, 18, 1981-1985.	1.2	19
132	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.	2.5	153
133	Maternal vitamin D depletion alters neurogenesis in the developing rat brain. <i>International Journal of Developmental Neuroscience</i> , 2007, 25, 227-232.	1.6	126
134	No Association between Serum 25-Hydroxyvitamin D₃ Level and Performance on Psychometric Tests in NHANES III. <i>Neuroepidemiology</i> , 2007, 29, 49-54.	2.3	122
135	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.	6.0	198
136	Developmental vitamin D deficiency alters brain protein expression in the adult rat: Implications for neuropsychiatric disorders. <i>Proteomics</i> , 2007, 7, 769-780.	2.2	166
137	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.	3.1	18
138	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.	2.7	127
139	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.	1.3	169
140	Hyperlocomotion associated with transient prenatal vitamin D deficiency is ameliorated by acute restraint. <i>Behavioural Brain Research</i> , 2006, 174, 119-124.	2.2	48
141	Developmental vitamin D (DVD) deficiency in the rat alters adult behaviour independently of HPA function. <i>Psychoneuroendocrinology</i> , 2006, 31, 958-964.	2.7	61
142	Season of birth and risk of brain tumors in adults. <i>Neurology</i> , 2005, 64, 1317-1317.	1.1	18
143	Seasonal variation in birth weight. <i>Cmaj</i> , 2005, 173, 733-733.	2.0	3
144	The association between birth weight, season of birth and latitude. <i>Annals of Human Biology</i> , 2005, 32, 547-559.	1.0	49

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145	Distribution of the Vitamin D receptor and 1 α -hydroxylase in human brain. <i>Journal of Chemical Neuroanatomy</i> , 2005, 29, 21-30.	2.1	1,208
146	Behavioural characterization of Vitamin D receptor knockout mice. <i>Behavioural Brain Research</i> , 2005, 157, 299-308.	2.2	161
147	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.	2.2	156
148	Developmental Vitamin D3 deficiency alters the adult rat brain. <i>Brain Research Bulletin</i> , 2005, 65, 141-148.	3.0	245
149	Schizophrenia, vitamin D, and brain development. <i>International Review of Neurobiology</i> , 2004, 59, 351-380.	2.0	62
150	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.	1.7	123
151	Transient prenatal Vitamin D deficiency is associated with hyperlocomotion in adult rats. <i>Behavioural Brain Research</i> , 2004, 154, 549-555.	2.2	131
152	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.	2.1	62
153	Vitamin D3 implications for brain development. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004, 89-90, 557-560.	2.5	113
154	Vitamin D receptor expression in the embryonic rat brain. <i>Neuroscience Research Communications</i> , 2003, 33, 63-71.	0.2	45
155	The neurodevelopmental hypothesis of schizophrenia: a review of recent developments. <i>Annals of Medicine</i> , 2003, 35, 86-93.	3.8	168
156	Low maternal vitamin D as a risk factor for schizophrenia: a pilot study using banked sera. <i>Schizophrenia Research</i> , 2003, 63, 73-78.	2.0	163
157	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.	2.1	313
158	Vitamin d3 and brain development. <i>Neuroscience</i> , 2003, 118, 641-653.	2.3	508
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166	Formation of pyridinium species of haloperidol in human liver and brain. <i>Psychopharmacology</i> , 1996, 125, 214-219.	3.1	45
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