William Davies

List of Publications by Year
in descending order

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57 papers	2,661 citations	218677 26 h-index	189892 50 g-index
61 all docs	61 docs citations	61 times ranked	2823 citing authors

#	Article	IF	Citations
1	Genomic imprinting effects on brain development and function. Nature Reviews Neuroscience, 2007, 8, 832-843.	10.2	351
2	Xlr3b is a new imprinted candidate for X-linked parent-of-origin effects on cognitive function in mice. Nature Genetics, 2005, 37, 625-629.	21.4	206
3	Imprinted gene expression in the brain. Neuroscience and Biobehavioral Reviews, 2005, 29, 421-430.	6.1	171
4	Visuospatial attentional functioning in mice: interactions between cholinergic manipulations and genotype. European Journal of Neuroscience, 1999, 11, 2813-2823.	2.6	165
5	It is not all hormones: Alternative explanations for sexual differentiation of the brain. Brain Research, 2006, 1126, 36-45.	2.2	158
6	Genomic imprinting and the social brain. Philosophical Transactions of the Royal Society B: Biological Sciences, 2006, 361, 2229-2237.	4.0	103
7	Sex differences in Attention Deficit Hyperactivity Disorder: Candidate genetic and endocrine mechanisms. Frontiers in Neuroendocrinology, 2014, 35, 331-346.	5.2	95
8	X-linked imprinting: effects on brain and behaviour. BioEssays, 2006, 28, 35-44.	2.5	89
9	Imprinted genes and mental dysfunction. Annals of Medicine, 2001, 33, 428-436.	3.8	88
10	The 39,XO mouse as a model for the neurobiology of Turner syndrome and sex-biased neuropsychiatric disorders. Behavioural Brain Research, 2007, 179, 173-182.	2.2	71
11	Converging Pharmacological and Genetic Evidence Indicates a Role for Steroid Sulfatase in Attention. Biological Psychiatry, 2009, 66, 360-367.	1.3	71
12	X-Monosomy Effects on Visuospatial Attention in Mice: A Candidate Gene and Implications for Turner Syndrome and Attention Deficit Hyperactivity Disorder. Biological Psychiatry, 2007, 61, 1351-1360.	1.3	64
13	The Role of the Y Chromosome in Brain Function. Open Neuroendocrinology Journal (Online), 2009, 2, 20-30.	0.4	58
14	The influence of sex-linked genetic mechanisms on attention and impulsivity. Biological Psychology, 2012, 89, 1-13.	2.2	55
15	Effects on fear reactivity in XO mice are due to haploinsufficiency of a non-PAR X gene: implications for emotional function in Turner's syndrome. Human Molecular Genetics, 2004, 13, 1849-1855.	2.9	52
16	Insights into rare diseases from social media surveys. Orphanet Journal of Rare Diseases, 2016, 11, 151.	2.7	50
17	What Are Imprinted Genes Doing in the Brain?. Advances in Experimental Medicine and Biology, 2008, 626, 62-70.	1.6	49
18	Imprinted genes and neuroendocrine function. Frontiers in Neuroendocrinology, 2008, 29, 413-427.	5.2	44

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19	Steroid sulfatase is a potential modifier of cognition in attention deficit hyperactivity disorder. Genes, Brain and Behavior, 2011, 10, 334-344.	2.2	44
20	Cross-species approaches to pathological gambling: A review targeting sex differences, adolescent vulnerability and ecological validity of research tools. Neuroscience and Biobehavioral Reviews, 2013, 37, 2454-2471.	6.1	44
21	Steroid sulfatase-deficient mice exhibit endophenotypes relevant to Attention Deficit Hyperactivity Disorder. Psychoneuroendocrinology, 2012, 37, 221-229.	2.7	42
22	Behavioural and Psychiatric Phenotypes in Men and Boys with X-Linked Ichthyosis: Evidence from a Worldwide Online Survey. PLoS ONE, 2016, 11, e0164417.	2.5	40
23	Expression patterns of the novel imprinted genes Nap1l5 and Peg13 and their non-imprinted host genes in the adult mouse brain. Gene Expression Patterns, 2004, 4, 741-747.	0.8	37
24	Biological mechanisms associated with increased perseveration and hyperactivity in a genetic mouse model of neurodevelopmental disorder. Psychoneuroendocrinology, 2013, 38, 1370-1380.	2.7	37
25	Altered Serotonergic Function may Partially Account for Behavioral Endophenotypes in Steroid Sulfatase-deficient Mice. Neuropsychopharmacology, 2012, 37, 1267-1274.	5.4	33
26	Genetic and Pharmacological Modulation of the Steroid Sulfatase Axis Improves Response Control; Comparison with Drugs Used in ADHD. Neuropsychopharmacology, 2014, 39, 2622-2632.	5.4	30
27	Behavioural and psychiatric phenotypes in female carriers of genetic mutations associated with X-linked ichthyosis. PLoS ONE, 2019, 14, e0212330.	2.5	30
28	What Are Imprinted Genes Doing in the Brain?. Epigenetics, 2007, 2, 201-206.	2.7	26
29	The role of imprinted genes in mediating susceptibility to neuropsychiatric disorders. Hormones and Behavior, 2011, 59, 375-382.	2.1	24
30	Medical and neurobehavioural phenotypes in carriers of X-linked ichthyosis-associated genetic deletions in the UK Biobank. Journal of Medical Genetics, 2020, 57, 692-698.	3.2	22
31	Genomic imprinting on the X chromosome: implications for brain and behavioral phenotypes. Annals of the New York Academy of Sciences, 2010, 1204, 14-19.	3.8	21
32	Dissociable Effects of Sry and Sex Chromosome Complement on Activity, Feeding and Anxiety-Related Behaviours in Mice. PLoS ONE, 2013, 8, e73699.	2.5	21
33	Familial digit ratio (2D:4D) associations in a general population sample from Wales. Early Human Development, 2017, 112, 14-19.	1.8	21
34	Attention deficit hyperactivity disorder (ADHD) in phenotypically similar neurogenetic conditions: Turner syndrome and the RASopathies. Journal of Neurodevelopmental Disorders, 2017, 9, 25.	3.1	21
35	Does steroid sulfatase deficiency influence postpartum psychosis risk?. Trends in Molecular Medicine, 2012, 18, 256-262.	6.7	20
36	Altered brain gene expression but not steroid biochemistry in a genetic mouse model of neurodevelopmental disorder. Molecular Autism, 2014, 5, 21.	4.9	20

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37	A pharmacological mouse model suggests a novel risk pathway for postpartum psychosis. Psychoneuroendocrinology, 2016, 74, 363-370.	2.7	20
38	Understanding the pathophysiology of postpartum psychosis: Challenges and new approaches. World Journal of Psychiatry, 2017, 7, 77.	2.7	19
39	X-linked ichthyosis associated with psychosis and behavioral abnormalities: a case report. Journal of Medical Case Reports, 2017, 11, 267.	0.8	18
40	SULFATION PATHWAYS: The steroid sulfate axis and its relationship to maternal behaviour and mental health. Journal of Molecular Endocrinology, 2018, 61, T199-T210.	2.5	17
41	Using mouse models to investigate sex-linked genetic effects on brain, behaviour and vulnerability to neuropsychiatric disorders. Brain Research Bulletin, 2013, 92, 12-20.	3.0	15
42	Do Defective Immune System-Mediated Myelination Processes Increase Postpartum Psychosis Risk?. Trends in Molecular Medicine, 2018, 24, 942-949.	6.7	15
43	A new molecular risk pathway for postpartum mood disorders: clues from steroid sulfataseâ€“deficient individuals. Archives of Women's Mental Health, 2021, 24, 391-401.	2.6	12
44	Medical and neurobehavioural phenotypes in male and female carriers of Xp22.31 duplications in the UK Biobank. Human Molecular Genetics, 2020, 29, 2872-2881.	2.9	11
45	A genetic variant within <scp>STS</scp> previously associated with inattention in boys with attention deficit hyperactivity disorder is associated with enhanced cognition in healthy adult males. Brain and Behavior, 2017, 7, e00646.	2.2	8
46	Preliminary Evidence for Aortopathy and an X-Linked Parent-of-Origin Effect on Aortic Valve Malformation in a Mouse Model of Turner Syndrome. Journal of Cardiovascular Development and Disease, 2015, 2, 190-199.	1.6	7
47	The contribution of Xp22.31 gene dosage to Turner and Klinefelter syndromes and sex-biased phenotypes. European Journal of Medical Genetics, 2021, 64, 104169.	1.3	7
48	Brain gene expression in a novel mouse model of postpartum mood disorder. Translational Neuroscience, 2019, 10, 168-174.	1.4	5
49	Sex-linked genetic mechanisms and atrial fibrillation risk. European Journal of Medical Genetics, 2022, 65, 104459.	1.3	5
50	Genomic imprinting and disorders of the social brain; shades of grey rather than black and white. Behavioral and Brain Sciences, 2008, 31, 265-266.	0.7	4
51	Effects of 5-HT2C, 5-HT1A receptor challenges and modafinil on the initiation and persistence of gambling behaviours. Psychopharmacology, 2020, 237, 1745-1756.	3.1	4
52	Mood symptoms, neurodevelopmental traits, and their contributory factors in X-linked ichthyosis, ichthyosis vulgaris and psoriasis. Clinical and Experimental Dermatology, 2022, 47, 1097-1108.	1.3	4
53	Comorbid Medical Issues in X-Linked Ichthyosis. JID Innovations, 2022, 2, 100109.	2.4	4
54	An Analysis of Cellular Communication Network Factor Proteins as Candidate Mediators of Postpartum Psychosis Risk. Frontiers in Psychiatry, 2019, 10, 876.	2.6	3

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55	Functional Themes from Psychiatric Genome-Wide Screens. Frontiers in Genetics, 2011, 2, 89.	2.3	1
56	The Genomics of Turner Syndrome and Sex-Biased Neuropsychiatric Disorders. Advances in Neurobiology, 2011, , 3-20.	1.8	0
57	2D:4D digit ratio and religiosity in university student and general population samples. Transpersonal Psychology Review, 2018, 20, 23-36.	0.0	0