

# Joseph H Nadeau

## List of Publications by Citations

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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.

67 papers	6,322 citations	36 h-index	76 g-index
76 ext. papers	6,988 ext. citations	11.4 avg, IF	5.82 L-index

#	Paper	IF	Citations
67	Missing heritability and strategies for finding the underlying causes of complex disease. <i>Nature Reviews Genetics</i> , <b>2010</b> , 11, 446-50	30.1	1230
66	Finding genes that underlie complex traits. <i>Science</i> , <b>2002</b> , 298, 2345-9	33.3	678
65	Modifier genes in mice and humans. <i>Nature Reviews Genetics</i> , <b>2001</b> , 2, 165-74	30.1	448
64	Analysing complex genetic traits with chromosome substitution strains. <i>Nature Genetics</i> , <b>2000</b> , 24, 221-5	36.3	386
63	Genetic dissection of complex traits with chromosome substitution strains of mice. <i>Science</i> , <b>2004</b> , 304, 445-8	33.3	300
62	The Ter mutation in the dead end gene causes germ cell loss and testicular germ cell tumours. <i>Nature</i> , <b>2005</b> , 435, 360-4	50.4	285
61	Genetic architecture of complex traits: large phenotypic effects and pervasive epistasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 19910-4	11.5	211
60	Genealogy of the 129 inbred strains: 129/SvJ is a contaminated inbred strain. <i>Mammalian Genome</i> , <b>1997</b> , 8, 390-3	3.2	190
59	Genomic organization and embryonic expression of the mouse fibroblast growth factor 9 gene. <i>Developmental Dynamics</i> , <b>1999</b> , 216, 72-88	2.9	189
58	The roads from phenotypic variation to gene discovery: mutagenesis versus QTLs. <i>Nature Genetics</i> , <b>2000</b> , 25, 381-4	36.3	176
57	Comparable rates of gene loss and functional divergence after genome duplications early in vertebrate evolution. <i>Genetics</i> , <b>1997</b> , 147, 1259-66	4	159
56	Diet-induced hepatocellular carcinoma in genetically predisposed mice. <i>Human Molecular Genetics</i> , <b>2009</b> , 18, 2975-88	5.6	129
55	IL-33 activates tumor stroma to promote intestinal polyposis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E2487-96	11.5	105
54	Transgenerational genetic effects on phenotypic variation and disease risk. <i>Human Molecular Genetics</i> , <b>2009</b> , 18, R202-10	5.6	101
53	Susceptibility to testicular germ-cell tumours in a 129.MOLF-Chr 19 chromosome substitution strain. <i>Nature Genetics</i> , <b>1999</b> , 23, 237-40	36.3	94
52	Modifier genes and protective alleles in humans and mice. <i>Current Opinion in Genetics and Development</i> , <b>2003</b> , 13, 290-5	4.9	89
51	Bone brittleness varies with genetic background in A/J and C57BL/6J inbred mice. <i>Journal of Bone and Mineral Research</i> , <b>2001</b> , 16, 1854-62	6.3	85

50	From Peas to Disease: Modifier Genes, Network Resilience, and the Genetics of Health. <i>American Journal of Human Genetics</i> , <b>2017</b> , 101, 177-191	11	77
49	Implementing large-scale ENU mutagenesis screens in North America. <i>Genetica</i> , <b>2004</b> , 122, 51-64	1.5	73
48	Genome-wide identification and functional analysis of Apobec-1-mediated C-to-U RNA editing in mouse small intestine and liver. <i>Genome Biology</i> , <b>2014</b> , 15, R79	18.3	70
47	Loss of the transmembrane but not the soluble kit ligand isoform increases testicular germ cell tumor susceptibility in mice. <i>Cancer Research</i> , <b>2008</b> , 68, 5193-7	10.1	66
46	Ancestral paternal genotype controls body weight and food intake for multiple generations. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 4134-44	5.6	58
45	Pleiotropy, homeostasis, and functional networks based on assays of cardiovascular traits in genetically randomized populations. <i>Genome Research</i> , <b>2003</b> , 13, 2082-91	9.7	57
44	BAX-mediated cell death affects early germ cell loss and incidence of testicular teratomas in Dnd1(Ter/Ter) mice. <i>Developmental Biology</i> , <b>2009</b> , 328, 377-83	3.1	56
43	Contrasting genetic architectures in different mouse reference populations used for studying complex traits. <i>Genome Research</i> , <b>2015</b> , 25, 775-91	9.7	48
42	Germ cell pluripotency, premature differentiation and susceptibility to testicular teratomas in mice. <i>Development (Cambridge)</i> , <b>2012</b> , 139, 1577-86	6.6	46
41	Deep congenic analysis identifies many strong, context-dependent QTLs, one of which, Slc35b4, regulates obesity and glucose homeostasis. <i>Genome Research</i> , <b>2011</b> , 21, 1065-73	9.7	45
40	Testicular cancer susceptibility in the 129.MOLF-Chr19 mouse strain: additive effects, gene interactions and epigenetic modifications. <i>Human Molecular Genetics</i> , <b>2003</b> , 12, 389-98	5.6	43
39	The lengths of undiscovered conserved segments in comparative maps. <i>Mammalian Genome</i> , <b>1998</b> , 9, 491-5	3.2	42
38	The genetics of health. <i>Nature Genetics</i> , <b>2006</b> , 38, 1095-8	36.3	41
37	Analyzing complex traits with congenic strains. <i>Mammalian Genome</i> , <b>2010</b> , 21, 276-86	3.2	39
36	THE GENETICS OF EPIGENETIC INHERITANCE: MODES, MOLECULES, AND MECHANISMS. <i>Quarterly Review of Biology</i> , <b>2015</b> , 90, 381-415	5.4	38
35	Trans-generational epistasis between Dnd1Ter and other modifier genes controls susceptibility to testicular germ cell tumors. <i>Human Molecular Genetics</i> , <b>2007</b> , 16, 2233-40	5.6	38
34	Transgenerational epigenetic effects of the Apobec1 cytidine deaminase deficiency on testicular germ cell tumor susceptibility and embryonic viability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, E2766-73	11.5	37
33	Functional interactions between the LRP6 WNT co-receptor and folate supplementation. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 4560-72	5.6	36

32	Epistatic control of non-Mendelian inheritance in mouse interspecific crosses. <i>Genetics</i> , <b>1996</b> , 143, 1739-42	36
31	Deletion of eIF2beta suppresses testicular cancer incidence and causes recessive lethality in agouti-yellow mice. <i>Human Molecular Genetics</i> , <b>2009</b> , 18, 1395-404	5.6 35
30	Maternal nutrition induces pervasive gene expression changes but no detectable DNA methylation differences in the liver of adult offspring. <i>PLoS ONE</i> , <b>2014</b> , 9, e90335	3.7 33
29	129/Sv mice--a model system for studying germ cell biology and testicular cancer. <i>Mammalian Genome</i> , <b>2001</b> , 12, 89-94	3.2 31
28	Genetic resistance to diet-induced obesity in chromosome substitution strains of mice. <i>Mammalian Genome</i> , <b>2010</b> , 21, 115-29	3.2 29
27	Disorganization in mice and humans. <i>American Journal of Medical Genetics Part A</i> , <b>2001</b> , 101, 334-338	29
26	The virtuous cycle of human genetics and mouse models in drug discovery. <i>Nature Reviews Drug Discovery</i> , <b>2019</b> , 18, 255-272	64.1 26
25	The juxtaparanodal proteins CNTNAP2 and TAG1 regulate diet-induced obesity. <i>Mammalian Genome</i> , <b>2012</b> , 23, 431-42	3.2 26
24	High-Fat Diet-Induced Complement Activation Mediates Intestinal Inflammation and Neoplasia, Independent of Obesity. <i>Molecular Cancer Research</i> , <b>2016</b> , 14, 953-965	6.6 25
23	Expression-based assay of an X-linked gene to examine effects of the X-controlling element (Xce) locus. <i>Mammalian Genome</i> , <b>2000</b> , 11, 405-8	3.2 24
22	Genetic divergence and the genetic architecture of complex traits in chromosome substitution strains of mice. <i>BMC Genetics</i> , <b>2012</b> , 13, 38	2.6 22
21	Testicular teratocarcinogenesis in mice--a review. <i>Apmis</i> , <b>1998</b> , 106, 174-82	3.4 22
20	Parallel changes in metabolite and expression profiles in crooked-tail mutant and folate-reduced wild-type mice. <i>Human Molecular Genetics</i> , <b>2006</b> , 15, 3387-93	5.6 18
19	Testicular germ cell tumors in mice: new ways to study a genetically complex trait. <i>Methods in Molecular Biology</i> , <b>2008</b> , 450, 211-31	1.4 18
18	Contrasting effects of Deadend1 (Dnd1) gain and loss of function mutations on allelic inheritance, testicular cancer, and intestinal polyposis. <i>BMC Genetics</i> , <b>2013</b> , 14, 54	2.6 17
17	Muta-genetics or muta-genomics: the feasibility of large-scale mutagenesis and phenotyping programs. <i>Mammalian Genome</i> , <b>2000</b> , 11, 603-7	3.2 17
16	SSLPs to map genetic differences between the 129 inbred strains and closed-colony, random-bred CD-1 mice. <i>Mammalian Genome</i> , <b>1997</b> , 8, 441-2	3.2 15
15	Parent-of-origin effects of A1CF and AGO2 on testicular germ-cell tumors, testicular abnormalities, and fertilization bias. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E5425-33	11.5 15

14	Do Gametes Woo? Evidence for Their Nonrandom Union at Fertilization. <i>Genetics</i> , <b>2017</b> , 207, 369-387	4	14
13	The nature of evidence for and against epigenetic inheritance. <i>Genome Biology</i> , <b>2015</b> , 16, 137	18.3	11
12	Does dietary folic acid supplementation in mouse NTD models affect neural tube development or gamete preference at fertilization?. <i>BMC Genetics</i> , <b>2014</b> , 15, 91	2.6	10
11	Genetic determinants of atherosclerosis, obesity, and energy balance in consomic mice. <i>Mammalian Genome</i> , <b>2014</b> , 25, 549-63	3.2	10
10	Genetics. Modifying the message. <i>Science</i> , <b>2003</b> , 301, 927-8	33.3	9
9	Simple sequence length polymorphisms (SSLPs) that distinguish MOLF/Ei and 129/Sv inbred strains of laboratory mice. <i>Mammalian Genome</i> , <b>1998</b> , 9, 668-70	3.2	8
8	Mouse chromosome 14. <i>Mammalian Genome</i> , <b>1997</b> , 7 Spec No, S238-50	3.2	7
7	Genomic organization and embryonic expression of the mouse fibroblast growth factor 9 gene <b>1999</b> , 216, 72		7
6	Turn up the heat: circulating serotonin tunes our internal heating system. <i>Cell Metabolism</i> , <b>2015</b> , 21, 156-158	15.8	5
5	The mouse neuronal apoptosis inhibitory protein gene maps to a conserved syntenic region of mouse chromosome 13. <i>Mammalian Genome</i> , <b>1997</b> , 8, 222	3.2	2
4	Long CAG/CTG repeats in mice. <i>Mammalian Genome</i> , <b>1998</b> , 9, 392-3	3.2	2
3	Encyclopedia of the mouse genome VII. Mouse chromosome 14. <i>Mammalian Genome</i> , <b>1998</b> , 8 Spec No, S275-91	3.2	1
2	Genetic Modifiers of Oral Nicotine Consumption in Null Mutant Mice. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 773400	5	0
1	Quantitative trait locus mapping identifies a locus linked to striatal dopamine and points to collagen IV alpha-6 chain as a novel regulator of striatal axonal branching in mice. <i>Genes, Brain and Behavior</i> , <b>2021</b> , 20, e12769	3.6	0