

# Charles D Laird

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10510868/publications.pdf>

Version: 2024-02-01

47  
papers

3,327  
citations

218381

26  
h-index

233125

45  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2052  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetic memory via concordant DNA methylation is inversely correlated to developmental potential of mammalian cells. <i>PLoS Genetics</i> , 2017, 13, e1007060.	1.5	17
2	At what rate do new premutation alleles arise at the fragile X locus?. <i>Human Genetics</i> , 2013, 132, 715-717.	1.8	1
3	Why do fragile X carrier frequencies differ between Asian and non-Asian populations?. <i>Genes and Genetic Systems</i> , 2013, 88, 211-224.	0.2	11
4	Statistical Inference of In Vivo Properties of Human DNA Methyltransferases from Double-Stranded Methylation Patterns. <i>PLoS ONE</i> , 2012, 7, e32225.	1.1	14
5	Testing the FMR1 Promoter for Mosaicism in DNA Methylation among CpG Sites, Strands, and Cells in FMR1-Expressing Males with Fragile X Syndrome. <i>PLoS ONE</i> , 2011, 6, e23648.	1.1	28
6	Statistical inference of transmission fidelity of DNA methylation patterns over somatic cell divisions in mammals. <i>Annals of Applied Statistics</i> , 2010, 4, .	0.5	19
7	STATISTICAL INFERENCE OF TRANSMISSION FIDELITY OF DNA METHYLATION PATTERNS OVER SOMATIC CELL DIVISIONS IN MAMMALS. , 2010, 4, 871-892.		13
8	Errors in the bisulfite conversion of DNA: modulating inappropriate- and failed-conversion frequencies. <i>Nucleic Acids Research</i> , 2008, 36, e150-e150.	6.5	118
9	Encoding PCR Products with Batch-stamps and Barcodes. <i>Biochemical Genetics</i> , 2007, 45, 761-767.	0.8	35
10	Hemimethylation and Non-CpG Methylation Levels in a Promoter Region of Human LINE-1 (L1) Repeated Elements. <i>Journal of Biological Chemistry</i> , 2005, 280, 14413-14419.	1.6	43
11	A population-epigenetic model to infer site-specific methylation rates from double-stranded DNA methylation patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5802-5807.	3.3	81
12	Molecular barcodes detect redundancy and contamination in hairpin-bisulfite PCR. <i>Nucleic Acids Research</i> , 2004, 32, e135-e135.	6.5	63
13	Hairpin-bisulfite PCR: Assessing epigenetic methylation patterns on complementary strands of individual DNA molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 204-209.	3.3	203
14	A new regulatory pathway for fragile X syndrome?. <i>Nature Medicine</i> , 2002, 8, 1204-1205.	15.2	2
15	Enrichment for submitotic cell populations using flow cytometry. , 2000, 39, 126-130.		17
16	Escape from gene silencing in ICF syndrome: evidence for advanced replication time as a major determinant. <i>Human Molecular Genetics</i> , 2000, 9, 2575-2587.	1.4	135
17	Fragile-X syndrome and myotonic dystrophy: parallels and paradoxes. <i>Current Opinion in Genetics and Development</i> , 1998, 8, 245-253.	1.5	18
18	Sequence analysis of long FMR1 arrays in the Japanese population: insights into the generation of long (CGG) n tracts. <i>Human Genetics</i> , 1997, 101, 214-218.	1.8	14

#	ARTICLE	IF	CITATIONS
19	Separation of cells at different times within G2 and mitosis by cyclin B1 flow cytometry. , 1997, 27, 250-254.		34
20	Association of fragile X syndrome with delayed replication of the FMR1 gene. Cell, 1993, 73, 1403-1409.	13.5	239
21	Estimating the stability of the proposed imprinted state of the fragile-X mutation when transmitted by females. Human Genetics, 1992, 88, 335-43.	1.8	5
22	Possible Erasure of the Imprint on a Fragile X Chromosome When Transmitted by a Male. American Journal of Medical Genetics Part A, 1991, 38, 391-395.	2.4	14
23	Proposed genetic basis of Huntington's disease. Trends in Genetics, 1990, 6, 242-247.	2.9	52
24	From Polytene Chromosomes to Human Embryology: Connections via the Human Fragile-X Syndrome. American Zoologist, 1989, 29, 569-591.	0.7	5
25	Intercalary heterochromatin of Drosophila as a potential model for human fragile sites. American Journal of Medical Genetics Part A, 1988, 30, 689-691.	2.4	6
26	Fragile-X mutation proposed to block complete reactivation in females of an inactive X chromosome. American Journal of Medical Genetics Part A, 1988, 30, 693-696.	2.4	10
27	Three euchromatic DNA sequences under-replicated in polytene chromosomes of Drosophila are localized in constrictions and ectopic fibers. Chromosoma, 1987, 95, 227-235.	1.0	60
28	Proposed Mechanism of Inheritance and Expression of the Human Fragile-X Syndrome of Mental Retardation. Genetics, 1987, 117, 587-599.	1.2	188
29	Chromosome structure and DNA replication in nurse and follicle cells of Drosophila melanogaster. Chromosoma, 1985, 91, 267-278.	1.0	104
30	Control of DNA replication and spatial distribution of defined DNA sequences in salivary gland cells of Drosophila melanogaster. Chromosoma, 1985, 91, 279-286.	1.0	82
31	Relationship between relative dry mass and average band width in regions of polytene chromosomes of Drosophila. Chromosoma, 1980, 76, 175-189.	1.0	25
32	Structural paradox of polytene chromosomes. Cell, 1980, 22, 869-874.	13.5	61
33	Comparative organization of active transcription units in Oncopeltus fasciatus. Cell, 1976, 9, 131-146.	13.5	211
34	DNA and polyribosome-like structures in lysates of mitochondria of Drosophila melanogaster. Journal of Molecular Biology, 1976, 100, 493-518.	2.0	16
35	Increase in nuclear poly(A)-containing RNA at syncytial blastoderm in Drosophila melanogaster embryos. Developmental Biology, 1976, 52, 31-42.	0.9	120
36	The size of poly(A)-containing RNAs in Drosophila melanogaster embryos. Biochemical Genetics, 1976, 14, 357-371.	0.8	28

#	ARTICLE	IF	CITATIONS
37	Analysis of chromatin-associated fiber arrays. <i>Chromosoma</i> , 1976, 58, 169-190.	1.0	106
38	Morphology of transcription units in <i>Drosophila melanogaster</i> . <i>Chromosoma</i> , 1976, 58, 193-218.	1.0	106
39	Diversity of RNA sequences in <i>Drosophila melanogaster</i> . <i>Biochemical Genetics</i> , 1973, 10, 263-274.	0.8	35
40	Dispersy of repeat DNA sequences in <i>Oncopeltus fasciatus</i> , an organism with diffuse centromeres. <i>Chromosoma</i> , 1973, 43, 349-373.	1.0	36
41	Mitochondrial DNA from <i>Drosophila melanogaster</i> . <i>Nucleic Acids and Protein Synthesis</i> , 1973, 299, 196-209.	1.7	52
42	Sequence diversity of polytene chromosome DNA from <i>Drosophila hydei</i> . <i>Journal of Molecular Biology</i> , 1971, 61, 615-627.	2.0	127
43	Molecular properties of tunicate DNA. <i>Nucleic Acids and Protein Synthesis</i> , 1971, 240, 39-45.	1.7	22
44	Rate of Fixation of Nucleotide Substitutions in Evolution. <i>Nature</i> , 1969, 224, 149-154.	13.7	522
45	MOLECULAR CHARACTERIZATION OF THE DROSOPHILA GENOME. <i>Genetics</i> , 1969, 63, 865-882.	1.2	98
46	MAGNITUDE OF INTERSPECIFIC NUCLEOTIDE SEQUENCE VARIABILITY IN DROSOPHILA. <i>Genetics</i> , 1968, 60, 303-322.	1.2	114
47	NUCLEOTIDE SEQUENCE HOMOLOGY WITHIN THE GENOME OF <i>DROSOPHILA MELANOGASTER</i> . <i>Genetics</i> , 1968, 60, 323-334.	1.2	14