Geoffrey G Hicks

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9425708/publications.pdf

Version: 2024-02-01

37 papers	3,731 citations	257450 24 h-index	330143 37 g-index
40 all docs	40 docs citations	40 times ranked	5649 citing authors

#	Article	IF	Citations
1	Divergent roles of ALS-linked proteins FUS/TLS and TDP-43 intersect in processing long pre-mRNAs. Nature Neuroscience, 2012, 15, 1488-1497.	14.8	628
2	miR-34 miRNAs provide a barrier for somatic cell reprogramming. Nature Cell Biology, 2011, 13, 1353-1360.	10.3	347
3	The RNA Binding Protein TLS Is Translocated to Dendritic Spines by mGluR5 Activation and Regulates Spine Morphology. Current Biology, 2005, 15, 587-593.	3.9	327
4	H2-M Mutant Mice Are Defective in the Peptide Loading of Class II Molecules, Antigen Presentation, and T Cell Repertoire Selection. Cell, 1996, 84, 543-550.	28.9	316
5	The mammalian gene function resource: the international knockout mouse consortium. Mammalian Genome, 2012, 23, 580-586.	2.2	292
6	Fus deficiency in mice results in defective B-lymphocyte development and activation, high levels of chromosomal instability and perinatal death. Nature Genetics, 2000, 24, 175-179.	21.4	265
7	ALS/FTD-Linked Mutation in FUS Suppresses Intra-axonal Protein Synthesis and Drives Disease Without Nuclear Loss-of-Function of FUS. Neuron, 2018, 100, 816-830.e7.	8.1	185
8	TLS, EWS and TAF15: a model for transcriptional integration of gene expression. Briefings in Functional Genomics & Proteomics, 2006, 5, 8-14.	3.8	172
9	ALS-Associated FUS Mutations Result in Compromised FUS Alternative Splicing and Autoregulation. PLoS Genetics, 2013, 9, e1003895.	3.5	166
10	The International Gene Trap Consortium Website: a portal to all publicly available gene trap cell lines in mouse. Nucleic Acids Research, 2006, 34, D642-D648.	14.5	131
11	Functional genomics in mice by tagged sequence mutagenesis. Nature Genetics, 1997, 16, 338-344.	21.4	119
12	Regulation of the cellular DNA double-strand break response. Biochemistry and Cell Biology, 2007, 85, 663-674.	2.0	82
13	FUS/TLS deficiency causes behavioral and pathological abnormalities distinct from amyotrophic lateral sclerosis. Acta Neuropathologica Communications, 2015, 3, 24.	5.2	82
14	Effects of prenatal alcohol exposure (PAE): insights into FASD using mouse models of PAE. Biochemistry and Cell Biology, 2018, 96, 131-147.	2.0	68
15	The High-Mobility-Group Box Protein SSRP1/T160 Is Essential for Cell Viability in Day 3.5 Mouse Embryos. Molecular and Cellular Biology, 2003, 23, 5301-5307.	2.3	65
16	Apoptosis in megaloblastic anemia occurs during DNA synthesis by a p53-independent, nucleoside-reversible mechanism. Blood, 2000, 96, 3249-3255.	1.4	62
17	Cells deficient in oxidative DNA damage repair genes Myh and Ogg1 are sensitive to oxidants with increased G 2 /M arrest and multinucleation. Carcinogenesis, 2008, 29, 722-728.	2.8	47
18	The emerging functions of the p53-miRNA network in stem cell biology. Cell Cycle, 2012, 11, 2063-2072.	2.6	39

#	Article	IF	Citations
19	Insights into retinoic acid deficiency and the induction of craniofacial malformations and microcephaly in fetal alcohol spectrum disorder. Genesis, 2019, 57, e23278.	1.6	37
20	MicroRNA-200b regulates distal airway development by maintaining epithelial integrity. Scientific Reports, 2017, 7, 6382.	3.3	34
21	A generalizable pre-clinical research approach for orphan disease therapy. Orphanet Journal of Rare Diseases, 2012, 7, 39.	2.7	32
22	The Canadian Rare Diseases Models and Mechanisms (RDMM) Network: Connecting Understudied Genes to Model Organisms. American Journal of Human Genetics, 2020, 106, 143-152.	6.2	30
23	Identification and characterization of Dlc1 isoforms in the mouse and study of the biological function of a single gene trapped isoform. BMC Biology, 2010, 8, 17.	3.8	26
24	FUS-regulated RNA metabolism and DNA damage repair. Rare Diseases (Austin, Tex), 2014, 2, e29515.	1.8	26
25	Genome-Wide Transcriptome Landscape of Embryonic Brain-Derived Neural Stem Cells Exposed to Alcohol with Strain-Specific Cross-Examination in BL6 and CD1 Mice. Scientific Reports, 2019, 9, 206.	3.3	25
26	Genomic Analysis of Localized High-Risk Prostate Cancer Circulating Tumor Cells at the Single-Cell Level. Cells, 2020, 9, 1863.	4.1	18
27	FUS/TLS acts as an aggregation-dependent modifier of polyglutamine disease model mice. Scientific Reports, 2016, 6, 35236.	3.3	17
28	Endogenous p53 regulation and function in early stage Friend virus-induced tumor progression differs from that following DNA damage. Oncogene, 1998, 17, 1119-1130.	5.9	15
29	Activation of cryptic 3' splice sites within introns of cellular genes following gene entrapment. Nucleic Acids Research, 2004, 32, 2912-2924.	14.5	15
30	Copy number variation in fetal alcohol spectrum disorder. Biochemistry and Cell Biology, 2018, 96, 161-166.	2.0	15
31	Absence of an Immediate G1/S Checkpoint in Primary MEFs Following γ-irradiation Identifies a Novel Checkpoint Switch. Cell Cycle, 2006, 5, 1823-1830.	2.6	13
32	A novel, ataxic mouse model of ataxia telangiectasia caused by a clinically relevant nonsense mutation. ELife, 2021, 10, .	6.0	11
33	[17] Retrovirus gene traps. Methods in Enzymology, 1995, 254, 263-275.	1.0	9
34	Translating to the Community (T2C): a protocol paper describing the development of Canadaâ€™s first social epigenetic FASD biobank. Biochemistry and Cell Biology, 2018, 96, 275-287.	2.0	3
35	Budget Impact Analysis of an Epigenetic Test Used for Diagnosing Fetal Alcohol Spectrum Disorder from the Perspective of a Laboratory Budget Holder in Manitoba, Canada. PharmacoEconomics - Open, 2022, 6, 253-263.	1.8	1
36	Apoptosis in megaloblastic anemia occurs during DNA synthesis by a p53-independent, nucleoside-reversible mechanism. Blood, 2000, 96, 3249-3255.	1.4	1

#	Article	IF	Citations
37	Cells deficient in oxidative DNA damage repair genes Myh and Ogg1 are sensitive to oxidants with increased G2/M arrest and multinucleation. Carcinogenesis, 2008, 29, 2432-2432.	2.8	0