Lawrence T Reiter

List of Publications by Year
in descending order

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62	3,387	186265	149698
papers	citations	28 h-index	56 g-index

69	69	69	4062
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Systematic Analysis of Human Disease-Associated Gene Sequences In Drosophila melanogaster. Genome Research, 2001, 11, 1114-1125.	5.5	751
2	A recombination hotspot responsible for two inherited peripheral neuropathies is located near a mariner transposon-like element. Nature Genetics, 1996, 12, 288-297.	21.4	304
3	Human Meiotic Recombination Products Revealed by Sequencing a Hotspot for Homologous Strand Exchange in Multiple HNPP Deletion Patients. American Journal of Human Genetics, 1998, 62, 1023-1033.	6.2	168
4	Homophila: human disease gene cognates in Drosophila. Nucleic Acids Research, 2002, 30, 149-151.	14.5	158
5	The Interstitial Duplication 15q11.2â€q13 Syndrome Includes Autism, Mild Facial Anomalies and a Characteristic EEG Signature. Autism Research, 2013, 6, 268-279.	3.8	130
6	The 1.4-Mb CMT1A Duplication/HNPP Deletion Genomic Region Reveals Unique Genome Architectural Features and Provides Insights into the Recent Evolution of New Genes. Genome Research, 2001, 11, 1018-1033.	5.5	129
7	Analysis of cerebellar function in Ube3a-deficient mice reveals novel genotype-specific behaviors. Human Molecular Genetics, 2008, 17, 2181-2189.	2.9	123
8	Epigenetic regulation of UBE3A and roles in human neurodevelopmental disorders. Epigenomics, 2015, 7, 1213-1228.	2.1	100
9	Expression of the Rho-GEF Pbl/ECT2 is regulated by the UBE3A E3 ubiquitin ligase. Human Molecular Genetics, 2006, 15, 2825-2835.	2.9	95
10	Gene expression analysis of human induced pluripotent stem cell-derived neurons carrying copy number variants of chromosome 15q11-q13.1. Molecular Autism, 2014, 5, 44.	4.9	83
11	The human COX10 gene is disrupted during homologous recombination between the 24 kb proximal and distal CMT1A-REPs. Human Molecular Genetics, 1997, 6, 1595-1603.	2.9	81
12	A survey of seizures and current treatments in 15q duplication syndrome. Epilepsia, 2014, 55, 396-402.	5.1	80
13	Charcot-Marie-Tooth Disease and Related Inherited Neuropathies. Medicine (United States), 1996, 75, 233-250.	1.0	74
14	Increased copy number for methylated maternal 15q duplications leads to changes in gene and protein expression in human cortical samples. Molecular Autism, 2011, 2, 19.	4.9	64
15	Neuronal overexpression of Ube3a isoform 2 causes behavioral impairments and neuroanatomical pathology relevant to 15q11.2-q13.3 duplication syndrome. Human Molecular Genetics, 2017, 26, 3995-4010.	2.9	59
16	A Quantitative Electrophysiological Biomarker of Duplication 15q11.2-q13.1 Syndrome. PLoS ONE, 2016, 11, e0167179.	2.5	54
17	Detection of the CMT1A/HNPP recombination hotspot in unrelated patients of European descent.. Journal of Medical Genetics, 1997, 34, 43-49.	3.2	52
18	Identification of a distinct developmental and behavioral profile in children with Dup15q syndrome. Journal of Neurodevelopmental Disorders, 2016, 8, 19.	3.1	47

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19	Etiology of Human Genetic Disease on the Fly. Trends in Genetics, 2017, 33, 391-398.	6.7	45
20	Loss of MAGEL2 in Prader-Willi syndrome leads to decreased secretory granule and neuropeptide production. JCI Insight, 2020, 5, .	5.0	40
21	Drosophila Ube3a regulates monoamine synthesis by increasing GTP cyclohydrolase I activity via a non-ubiquitin ligase mechanism. Neurobiology of Disease, 2011, 41, 669-677.	4.4	37
22	Altered Serotonin, Dopamine and Norepinepherine Levels in 15q Duplication and Angelman Syndrome Mouse Models. PLoS ONE, 2012, 7, e43030.	2.5	37
23	Using Drosophila melanogaster to uncover human disease gene function and potential drug target proteins. Expert Opinion on Therapeutic Targets, 2002, 6, 387-399.	3.4	36
24	Proteomic Profiling in Drosophila Reveals Potential Dube3a Regulation of the Actin Cytoskeleton and Neuronal Homeostasis. PLoS ONE, 2013, 8, e61952.	2.5	36
25	Molecular Mechanisms for CMT1A Duplication and HNPP Deletion. Annals of the New York Academy of Sciences, 1999, 883, 22-35.	3.8	35
26	Normal social seeking behavior, hypoactivity and reduced exploratory range in a mouse model of Angelman syndrome. BMC Genetics, 2011, 12, 7.	2.7	35
27	Characterization of neurons from immortalized dental pulp stem cells for the study of neurogenetic disorders. Stem Cell Research, 2015, 15, 722-730.	0.7	35
28	Dental pulp stem cells for the study of neurogenetic disorders. Human Molecular Genetics, 2017, 26, R166-R171.	2.9	35
29	Assessment of the Tumorigenic Potential of Spontaneously Immortalized and hTERT-Immortalized Cultured Dental Pulp Stem Cells. Stem Cells Translational Medicine, 2015, 4, 905-912.	3.3	33
30	A recurrent de novo missense mutation in UBTF causes developmental neuroregression. Human Molecular Genetics, 2018, 27, 691-705.	2.9	32
31	Mechanisms underlying the EEG biomarker in Dup15q syndrome. Molecular Autism, 2019, 10, 29.	4.9	31
32	Localization of mariner DNA Transposons in the Human Genome by PRINS. Genome Research, 1999, 9, 839-843.	5.5	29
33	Dental Pulp Stem Cells Model Early Life and Imprinted DNA Methylation Patterns. Stem Cells, 2017, 35, 981-988.	3.2	28
34	Genomic Structure and Expression of the Human Heme A:Farnesyltransferase (COX10) Gene. Genomics, 1997, 42, 161-164.	2.9	27
35	Glial overexpression of Dube3a causes seizures and synaptic impairments in Drosophila concomitant with down regulation of the Na+/K+ pump ATPÎ±. Neurobiology of Disease, 2017, 108, 238-248.	4.4	26
36	Culturing and Neuronal Differentiation of Human Dental Pulp Stem Cells. Current Protocols in Human Genetics, 2017, 92, 21.6.1-21.6.10.	3.5	24

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37	Behavioral characterization of dup15q syndrome: Toward meaningful endpoints for clinical trials. American Journal of Medical Genetics, Part A, 2020, 182, 71-84.	1.2	21
38	The role of TORC1 in muscle development in Drosophila. Scientific Reports, 2015, 5, 9676.	3.3	20
39	Significant transcriptional changes in 15q duplication but not Angelman syndrome deletion stem cell-derived neurons. Molecular Autism, 2018, 9, 6.	4.9	19
40	Variation in Dube3a expression affects neurotransmission at the Drosophila neuromuscular junction. Biology Open, 2015, 4, 776-782.	1.2	18
41	Dose-dependent modulation of HIF-1Î±/sima controls the rate of cell migration and invasion in Drosophila ovary border cells. Oncogene, 2010, 29, 1123-1134.	5.9	17
42	Comprehensive motor testing in Fmr1-KO mice exposes temporal defects in oromotor coordination.. Behavioral Neuroscience, 2011, 125, 962-969.	1.2	16
43	Effects of hTERT immortalization on osteogenic and adipogenic differentiation of dental pulp stem cells. Data in Brief, 2016, 6, 696-699.	1.0	15
44	Drosophila Orthologues to Human Disease Genes: An Update on Progress. Progress in Molecular Biology and Translational Science, 2008, 82, 1-32.	1.9	14
45	A Single-Tube Quantitative High-Resolution Melting Curve Method for Parent-of-Origin Determination of 15q Duplications. Genetic Testing and Molecular Biomarkers, 2010, 14, 571-576.	0.7	12
46	The Drosophila Gene Sulfateless Modulates Autism-Like Behaviors. Frontiers in Genetics, 2019, 10, 574.	2.3	11
47	Molecular Changes in Prader-Willi Syndrome Neurons Reveals Clues About Increased Autism Susceptibility. Frontiers in Molecular Neuroscience, 2021, 14, 747855.	2.9	8
48	Properties of beta oscillations in Dup15q syndrome. Journal of Neurodevelopmental Disorders, 2020, 12, 22.	3.1	7
49	An Unbiased Drug Screen for Seizure Suppressors in Duplication 15q Syndrome Reveals 5-HT1A and Dopamine Pathway Activation as Potential Therapies. Biological Psychiatry, 2020, 88, 698-709.	1.3	7
50	The Drosophila melanogaster homolog of UBE3A is not imprinted in neurons. Epigenetics, 2016, 11, 637-642.	2.7	6
51	A Rare Inherited 15q11.2-q13.1 Interstitial Duplication with Maternal Somatic Mosaicism, Renal Carcinoma, and Autism. Frontiers in Genetics, 2016, 7, 205.	2.3	4
52	Multisite Semiautomated Clinical Data Repository for Duplication 15q Syndrome: Study Protocol and Early Uses. JMIR Research Protocols, 2017, 6, e194.	1.0	4
53	DNA rearrangements affecting dosage sensitive genes. Mental Retardation and Developmental Disabilities Research Reviews, 1996, 2, 139-146.	3.6	3
54	Regional localization of 10 mariner transposon-like ESTs by means of FISHâ€"evidence for a correlation with fragile sites. Mammalian Genome, 2001, 12, 326-328.	2.2	3

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55	Antioxidant proteins TSA and PAG interact synergistically with Presenilin to modulate Notch signaling in Drosophila. Protein and Cell, 2011, 2, 554-563.	11.0	3
56	Transcriptomic and proteomic profiling of glial versus neuronal Dube3a overexpression reveals common molecular changes in gliopathic epilepsies. Neurobiology of Disease, 2020, 141, 104879.	4.4	3
57	Accentuate the Negative:Proteome Comparisons Using the Negative Proteome Database. Fly, 2007, 1, 164-171.	1.7	2
58	Developmental Disabilities, Autism, and Schizophrenia at a Single Locus. , 2013, , 617-630.		1
59	A genome-wide enhancer/suppressor screen for Dube3a interacting genes in Drosophila melanogaster. Scientific Reports, 2019, 9, 2382.	3.3	1
60	Understanding Human Genetic Disease With the Fly. , 2019, , 69-87.		1
61	Developmental disabilities, autism, and schizophrenia at a single locus. , 2020, , 201-221.		1
62	Drosophila. , 2015, , 77-96.		0