Randy L Jirtle

List of Publications by Year
in descending order

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34 papers	6,768 citations	257450 24 h-index	395702 33 g-index
35 all docs	35 docs citations	35 times ranked	7579 citing authors

#	Article	IF	Citations
1	Environmental epigenomics and disease susceptibility. Nature Reviews Genetics, 2007, 8, 253-262.	16.3	2,180
2	Transposable Elements: Targets for Early Nutritional Effects on Epigenetic Gene Regulation. Molecular and Cellular Biology, 2003, 23, 5293-5300.	2.3	1,874
3	M6P/IGF2R gene is mutated in human hepatocellular carcinomas with loss of heterozygosity. Nature Genetics, 1995, 11, 447-449.	21.4	352
4	Computational and experimental identification of novel human imprinted genes. Genome Research, 2007, 17, 1723-1730.	5.5	344
5	A paternal environmental legacy: Evidence for epigenetic inheritance through the male germ line. BioEssays, 2014, 36, 359-371.	2.5	293
6	M6P/IGF2R Imprinting Evolution in Mammals. Molecular Cell, 2000, 5, 707-716.	9.7	256
7	Plasma transforming growth factor-?1 level before radiotherapy correlates with long term outcome of patients with lung carcinoma. , 1999, 86, 1712-1719.		124
8	Chemical modification of tumour blood flow. International Journal of Hyperthermia, 1988, 4, 355-371.	2.5	123
9	Monotreme IGF2 expression and ancestral origin of genomic imprinting. The Journal of Experimental Zoology, 2001, 291, 205-212.	1.4	120
10	M6P/IGF2R is mutated in squamous cell carcinoma of the lung. Oncogene, 2000, 19, 1572-1578.	5.9	104
11	Maternal Stress, Preterm Birth, and DNA Methylation at Imprint Regulatory Sequences in Humans. Genetics & Epigenetics, 2014, 6, GEG.S18067.	2.5	93
12	Adaptive radiationâ€induced epigenetic alterations mitigated by antioxidants. FASEB Journal, 2013, 27, 665-671.	0.5	90
13	Imprinted genes in liver carcinogenesis. FASEB Journal, 1997, 11, 60-67.	0.5	88
14	Marsupials and Eutherians reunited: genetic evidence for the Theria hypothesis of mammalian evolution. Mammalian Genome, 2001, 12, 513-517.	2.2	83
15	Imprinting evolution and human health. Mammalian Genome, 2009, 20, 563-572.	2.2	76
16	The Human Imprintome: Regulatory Mechanisms, Methods of Ascertainment, and Roles in Disease Susceptibility. ILAR Journal, 2012, 53, 341-358.	1.8	76
17	Imprint status of M6P/IGF2R and IGF2 in chickens. Development Genes and Evolution, 2001, 211, 179-183.	0.9	74
18	Erythrocyte folate concentrations, CpG methylation at genomically imprinted domains, and birth weight in a multiethnic newborn cohort. Epigenetics, 2014, 9, 1120-1130.	2.7	73

#	Article	IF	Citations
19	DNA Methylation of Regulatory Regions of Imprinted Genes at Birth and Its Relation to Infant Temperament. Genetics & Epigenetics, 2016, 8, GEG.S40538.	2.5	71
20	Cryopreservation of isolated rat hepatocytes. In Vitro, 1982, 18, 393-399.	1.2	48
21	Genomic structure of the human M6P/IGF2 receptor. Mammalian Genome, 1999, 10, 74-77.	2.2	37
22	The tetratricopeptide repeat containing Tg737 gene is a liver neoplasia tumor suppressor gene. Oncogene, 1997, 15, 1797-1803.	5.9	33
23	Mannose 6-phosphate/insulin-like growth factor 2 receptor (M6P/IGF2R) variants in American and Japanese populations. Human Mutation, 2001, 18, 25-31.	2.5	31
24	The Agouti mouse: a biosensor for environmental epigenomics studies investigating the developmental origins of health and disease. Epigenomics, 2014, 6, 447-450.	2.1	30
25	Epigenome: the program for human health and disease. Epigenomics, 2009, 1, 13-16.	2.1	25
26	Genomic map of candidate human imprint control regions: the imprintome. Epigenetics, 2022, 17, 1920-1943.	2.7	24
27	IGF2RGenetic Variants, Circulating IGF2 Concentrations and Colon Cancer Risk in African Americans and Whites. Disease Markers, 2012, 32, 133-141.	1.3	16
28	Cadmium exposure and MEG3 methylation differences between Whites and African Americans in the NEST Cohort. Environmental Epigenetics, 2019, 5, dvz014.	1.8	12
29	Role of transforming growth factor-Î² and hepatocyte growth factor in late normal tissue effects of radiation. Radiation Oncology Investigations, 1993, 1, 305-313.	0.9	8
30	The science of hope: an interview with Randy Jirtle. Epigenomics, 2022, 14, 299-302.	2.1	5
31	Analysis of Imprinted Gene Regulation. Methods in Molecular Biology, 2015, 1589, 161-183.	0.9	2
32	The Occurrence of Polymorphism of Mannose 6-phosphate/Insulin-like Growth Factor 2 Receptor Gene in Laboratory and Wild Rats. Journal of UOEH, 1999, 21, 199-208.	0.6	1
33	Associations between birth and one year anthropometric measurements and IGF2 and IGF2R genetic variants in African American and Caucasian American infants. Journal of Pediatric Genetics, 2013, 2, .	0.7	1
34	Epigenetic Dysregulation of KCNK9 Imprinting and Triple-Negative Breast Cancer. Cancers, 2021, 13, 6031.	3.7	1