Michelle L Brinkmeier

List of Publications by Year
in descending order

27	1,379	394421 19	580821 25
papers	citations	h-index	g-index

32	32	32	1821
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targeting a Complex Transcriptome: The Construction of the Mouse Full-Length cDNA Encyclopedia. Genome Research, 2003, 13, 1273-1289.	5.5	154
2	Genetics of Combined Pituitary Hormone Deficiency: Roadmap into the Genome Era. Endocrine Reviews, 2016, 37, 636-675.	20.1	147
3	Single-Cell RNA Sequencing Reveals Novel Markers of Male Pituitary Stem Cells and Hormone-Producing Cell Types. Endocrinology, 2018, 159, 3910-3924.	2.8	112
4	Pituitary Gland Development and Disease. Current Topics in Developmental Biology, 2013, 106, 1-47.	2.2	101
5	TCF and Groucho-Related Genes Influence Pituitary Growth and Development. Molecular Endocrinology, 2003, 17, 2152-2161.	3.7	97
6	TCF4 deficiency expands ventral diencephalon signaling and increases induction of pituitary progenitors. Developmental Biology, 2007, 311, 396-407.	2.0	94
7	WNT signaling affects gene expression in the ventral diencephalon and pituitary gland growth. Developmental Dynamics, 2008, 237, 1006-1020.	1.8	94
8	Thyroid hormone resistance and increased metabolic rate in the RXR-Î³â€“deficient mouse. Journal of Clinical Investigation, 2000, 106, 73-79.	8.2	86
9	Identification of members of the Wnt signaling pathway in the embryonic pituitary gland. Mammalian Genome, 2001, 12, 843-851.	2.2	63
10	Discovery of transcriptional regulators and signaling pathways in the developing pituitary gland by bioinformatic and genomic approaches. Genomics, 2009, 93, 449-460.	2.9	61
11	PROP1 triggers epithelial-mesenchymal transition-like process in pituitary stem cells. ELife, 2016, 5, .	6.0	55
12	Thyroid Hormone Is Essential for Pituitary Somatotropes and Lactotropes*. Endocrinology, 1999, 140, 1884-1892.	2.8	48
13	Cell-Specific Expression of the Mouse Glycoprotein Hormone Î±-Subunit Gene Requires Multiple Interacting DNA Elements in Transgenic Mice and Cultured Cells. Molecular Endocrinology, 1998, 12, 622-633.	3.7	43
14	Gonadotrope-specific Deletion of Dicer Results in Severely Suppressed Gonadotropins and Fertility Defects. Journal of Biological Chemistry, 2015, 290, 2699-2714.	3.4	39
15	The Histone Methyltransferase Gene Absent, Small, or Homeotic Discs-1 Like Is Required for Normal Hox Gene Expression and Fertility in Mice1. Biology of Reproduction, 2015, 93, 121.	2.7	30
16	Genetic Mapping of 21 Genes on Mouse Chromosome 11 Reveals Disruptions in Linkage Conservation with Human Chromosome 5. Genomics, 1997, 40, 114-122.	2.9	24
17	Corepressors TLE1 and TLE3 Interact with HESX1 and PROP1. Molecular Endocrinology, 2010, 24, 754-765.	3.7	23
18	Regulation of pituitary stem cells by epithelial to mesenchymal transition events and signaling pathways. Molecular and Cellular Endocrinology, 2017, 445, 14-26.	3.2	21

#	Article	IF	Citations
19	LINE-1 Mediated Insertion into Poc1a (Protein of Centriole 1 A) Causes Growth Insufficiency and Male Infertility in Mice. PLoS Genetics, 2015, 11, e1005569.	3.5	21
20	Thyroid Hormone-Responsive Pituitary Hyperplasia Independent of Somatostatin Receptor 2. Molecular Endocrinology, 2001, 15, 2129-2136.	3.7	18
21	Genetics, Gene Expression and Bioinformatics of the Pituitary Gland. Hormone Research in Paediatrics, 2009, 71, 101-115.	1.8	11
22	Lhx4 Deficiency: Increased Cyclin-Dependent Kinase Inhibitor Expression and Pituitary Hypoplasia. Molecular Endocrinology, 2015, 29, 597-612.	3.7	11
23	Rathkeâ€™s cleft-like cysts arise from Isl1 deletion in murine pituitary progenitors. Journal of Clinical Investigation, 2020, 130, 4501-4515.	8.2	9
24	Localization of Somatostatin Receptor Genes on Mouse Chromosomes 2, 11, 12, 15, and 17: Correlation with Growth QTLs. Genomics, 1997, 43, 9-14.	2.9	5
25	WNT signaling affects gene expression in the ventral diencephalon and pituitary gland growth. Developmental Dynamics, 2008, 237, spc1-spc1.	1.8	0
26	The Trithorax group gene Ash1l regulates quiescence, self-renewal potential and niche occupancy in adult hematopoietic stem cells. Experimental Hematology, 2014, 42, S28.	0.4	0
27	The Trithorax Group Protein Ash1l Is An Essential Epigenetic Regulator of Adult Hematopoietic Stem Cell Maintenance. Blood, 2011, 118, 387-387.	1.4	0