

Françoise Muscatelli

List of Publications by Year in descending order

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36
papers

3,623
citations

257450

24
h-index

330143

37
g-index

44
all docs

44
docs citations

44
times ranked

2935
citing authors

#	ARTICLE	IF	CITATIONS
1	An unusual member of the nuclear hormone receptor superfamily responsible for X-linked adrenal hypoplasia congenita. <i>Nature</i> , 1994, 372, 635-641.	27.8	796
2	Mutations in the DAX-1 gene give rise to both X-linked adrenal hypoplasia congenita and hypogonadotropic hypogonadism. <i>Nature</i> , 1994, 372, 672-676.	27.8	722
3	The human necdin gene, NDN, is maternally imprinted and located in the Prader-Willi syndrome chromosomal region. <i>Nature Genetics</i> , 1997, 17, 357-361.	21.4	241
4	ADAR2-mediated editing of RNA substrates in the nucleolus is inhibited by C/D small nucleolar RNAs. <i>Journal of Cell Biology</i> , 2005, 169, 745-753.	5.2	223
5	A single postnatal injection of oxytocin rescues the lethal feeding behaviour in mouse newborns deficient for the imprinted Magel2 gene. <i>Human Molecular Genetics</i> , 2010, 19, 4895-4905.	2.9	198
6	An Early Postnatal Oxytocin Treatment Prevents Social and Learning Deficits in Adult Mice Deficient for Magel2, a Gene Involved in Prader-Willi Syndrome and Autism. <i>Biological Psychiatry</i> , 2015, 78, 85-94.	1.3	140
7	Regulation of the large (1000 kb) imprinted murine Ube3a antisense transcript by alternative exons upstream of Snurf/Snrpn. <i>Nucleic Acids Research</i> , 2004, 32, 3480-3492.	14.5	139
8	Two Members of the Human MAGEB Gene Family Located in Xp21.3 Are Expressed in Tumors of Various Histological Origins. <i>Genomics</i> , 1997, 46, 397-408.	2.9	119
9	The Use of Oxytocin to Improve Feeding and Social Skills in Infants With Prader-Willi Syndrome. <i>Pediatrics</i> , 2017, 139, .	2.1	117
10	Ontogenesis of oxytocin pathways in the mammalian brain: late maturation and psychosocial disorders. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 164.	1.7	81
11	Necdin Plays a Role in the Serotonergic Modulation of the Mouse Respiratory Network: Implication for Prader-Willi Syndrome. <i>Journal of Neuroscience</i> , 2008, 28, 1745-1755.	3.6	73
12	Dynamic developmental regulation of the large non-coding RNA associated with the mouse 7C imprinted chromosomal region. <i>Developmental Biology</i> , 2005, 286, 587-600.	2.0	67
13	The Prader-Willi syndrome murine imprinting center is not involved in the spatio-temporal transcriptional regulation of the Necdin gene. <i>BMC Genetics</i> , 2005, 6, 1.	2.7	56
14	Tubacin prevents neuronal migration defects and epileptic activity caused by rat SrpX2 silencing in utero. <i>Brain</i> , 2013, 136, 2457-2473.	7.6	52
15	Expression of the Prader-Willi gene Necdin during mouse nervous system development correlates with neuronal differentiation and p75NTR expression. <i>Gene Expression Patterns</i> , 2003, 3, 761-765.	0.8	48
16	Sensory defects in Necdin deficient mice result from a loss of sensory neurons correlated within an increase of developmental programmed cell death. <i>BMC Developmental Biology</i> , 2006, 6, 56.	2.1	46
17	Necdin mediates skeletal muscle regeneration by promoting myoblast survival and differentiation. <i>Journal of Cell Biology</i> , 2007, 179, 305-319.	5.2	46
18	Oxytocin administration in neonates shapes hippocampal circuitry and restores social behavior in a mouse model of autism. <i>Molecular Psychiatry</i> , 2021, 26, 7582-7595.	7.9	45

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19	Isolation of the human Xp21 glycerol kinase gene by positional cloning. <i>Human Molecular Genetics</i> , 1993, 2, 107-114.	2.9	42
20	Inactivation of <i>Socs3</i> in the Hypothalamus Enhances the Hindbrain Response to Endogenous Satiety Signals via Oxytocin Signaling. <i>Journal of Neuroscience</i> , 2012, 32, 17097-17107.	3.6	42
21	Stochastic Loss of Silencing of the Imprinted <i>Ndn/NDN</i> Allele, in a Mouse Model and Humans with Prader-Willi Syndrome, Has Functional Consequences. <i>PLoS Genetics</i> , 2013, 9, e1003752.	3.5	30
22	Oxytocin Signaling in the Early Life of Mammals: Link to Neurodevelopmental Disorders Associated with ASD. <i>Current Topics in Behavioral Neurosciences</i> , 2017, 35, 239-268.	1.7	30
23	The Mouse <i>Necdin</i> Gene Is Expressed from the Paternal Allele Only and Lies in the 7C Region of the Mouse Chromosome 7, a Region of Conserved Synteny to the Human Prader-Willi Syndrome Region. <i>European Journal of Human Genetics</i> , 1997, 5, 324-332.	2.8	30
24	Breathing deficits of the Prader-Willi syndrome. <i>Respiratory Physiology and Neurobiology</i> , 2009, 168, 119-124.	1.6	27
25	<i>Necdin</i> shapes serotonergic development and SERT activity modulating breathing in a mouse model for Prader-Willi syndrome. <i>ELife</i> , 2017, 6, .	6.0	27
26	The High-Affinity Interleukin 8 Receptor Gene (<i>IL8RA</i>) Maps to the 2q33-q36 Region of the Human Genome: Cloning of a Pseudogene (<i>IL8RBP</i>) for the Low-Affinity Receptor. <i>Genomics</i> , 1993, 16, 248-251.	2.9	23
27	<i>Necdin</i> Gene, Respiratory Disturbances and Prader-Willi Syndrome. <i>Advances in Experimental Medicine and Biology</i> , 2008, 605, 159-164.	1.6	23
28	Correction of vasopressin deficit in the lateral septum ameliorates social deficits of mouse autism model. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	23
29	<i>Necdin</i> Protects Embryonic Motoneurons from Programmed Cell Death. <i>PLoS ONE</i> , 2011, 6, e23764.	2.5	22
30	Natural breaking of the maternal silence at the mouse and human imprinted Prader-Willi locus. <i>Rare Diseases (Austin, Tex)</i> , 2013, 1, e27228.	1.8	21
31	The impact of oxytocin on neurite outgrowth and synaptic proteins in <i>Magel2</i> deficient mice. <i>Developmental Neurobiology</i> , 2021, 81, 366-388.	3.0	16
32	Wired for eating: how is an active feeding circuitry established in the postnatal brain?. <i>Current Opinion in Neurobiology</i> , 2018, 52, 165-171.	4.2	15
33	Comprehensive methylation analysis in typical and atypical PWS and AS patients with normal biparental chromosomes 15. <i>European Journal of Human Genetics</i> , 2001, 9, 519-526.	2.8	13
34	Functional Consequences of <i>Necdin</i> Nucleocytoplasmic Localization. <i>PLoS ONE</i> , 2012, 7, e33786.	2.5	10
35	Early life oxytocin treatment improves thermo-sensory reactivity and maternal behavior in neonates lacking the autism-associated gene <i>Magel2</i> . <i>Neuropsychopharmacology</i> , 2022, 47, 1901-1912.	5.4	9
36	Colocalization of <i>Oxtr</i> with Prader-Willi syndrome transcripts in the trigeminal ganglion of neonatal mice. <i>Human Molecular Genetics</i> , 2020, 29, 2065-2075.	2.9	4