

# Isabelle Dutriez-Casteloot

## List of Publications by Year in descending order

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27  
papers

1,329  
citations

430754

18  
h-index

580701

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal Perinatal Undernutrition Drastically Reduces Postnatal Leptin Surge and Affects the Development of Arcuate Nucleus Proopiomelanocortin Neurons in Neonatal Male Rat Pups. <i>Endocrinology</i> , 2008, 149, 470-475.	1.4	248
2	Effects of Perinatal Maternal Food Restriction on Pituitary-Gonadal Axis and Plasma Leptin Level in Rat Pup at Birth and Weaning and on Timing of Puberty. <i>Biology of Reproduction</i> , 2003, 68, 390-400.	1.2	135
3	HPA axis programming by maternal undernutrition in the male rat offspring. <i>Psychoneuroendocrinology</i> , 2007, 32, S16-S20.	1.3	110
4	Neurochemical and Behavioral Alterations in Glucocorticoid Receptor-Impaired Transgenic Mice after Chronic Mild Stress. <i>Journal of Neuroscience</i> , 2004, 24, 2787-2796.	1.7	108
5	Stress during gestation induces lasting effects on emotional reactivity of the dam rat. <i>Behavioural Brain Research</i> , 2004, 153, 211-216.	1.2	90
6	Maternal prenatal undernutrition alters the response of POMC neurons to energy status variation in adult male rat offspring. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E462-E472.	1.8	90
7	Perinatal maternal undernutrition programs the offspring hypothalamo-pituitary-adrenal (HPA) axis. <i>Stress</i> , 2006, 9, 183-198.	0.8	77
8	Placental BDNF/TrkB Signaling System is Modulated by Fetal Growth Disturbances in Rat and Human. <i>Placenta</i> , 2010, 31, 785-791.	0.7	70
9	Perinatal Undernutrition Modifies Cell Proliferation and Brain-Derived Neurotrophic Factor Levels During Critical Time-Windows for Hypothalamic and Hippocampal Development in the Male Rat. <i>Journal of Neuroendocrinology</i> , 2009, 21, 40-48.	1.2	62
10	Maternal prenatal undernutrition programs adipose tissue gene expression in adult male rat offspring under high-fat diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 301, E548-E559.	1.8	62
11	Neutral endopeptidase 24.11 in rat peripheral tissues: comparative localization by <i>in vivo</i> and <i>in vitro</i> autoradiography. <i>Regulatory Peptides</i> , 1991, 33, 209-222.	1.9	47
12	Maternal perinatal undernutrition programs a <i>obese</i> -like phenotype of gonadal white fat in male rat at weaning. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R101-R110.	0.9	34
13	Hypo-response of the hypothalamic-pituitary-adrenocortical axis after an ethanol challenge in prenatally stressed adolescent male rats. <i>European Journal of Neuroscience</i> , 2006, 24, 1193-1200.	1.2	30
14	Localization of mu opioid receptors on the membranes of nerve endings and tanycytes in the guinea-pig median eminence by electron microscopic radioautography. <i>Neuroscience</i> , 1992, 49, 925-936.	1.1	24
15	Hypothalamic-pituitary-adrenocortical and gonadal axes and sympathoadrenal activity of adult male rats prenatally exposed to morphine. <i>Neuroscience Letters</i> , 1999, 263, 1-4.	1.0	24
16	Prenatal morphine exposure affects sympathoadrenal axis activity and serotonin metabolism in adult male rats both under basal conditions and after an ether inhalation stress. <i>Neuroscience Letters</i> , 2005, 381, 211-216.	1.0	23
17	Immune challenge induces differential corticosterone and interleukin-6 responsiveness in rats bred for extremes in anxiety-related behavior. <i>Neuroscience</i> , 2008, 151, 1112-1118.	1.1	23
18	Tissue-specific Programming Expression of Glucocorticoid Receptors and 11 $\beta$ -HSDs by Maternal Perinatal Undernutrition in the HPA Axis of Adult Male Rats. <i>Hormone and Metabolic Research</i> , 2008, 40, 257-261.	0.7	20

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19	Autoradiographic quantitation and anatomical mapping of GTP sensitive-galanin receptors in the guinea pig central nervous system. <i>Journal of Chemical Neuroanatomy</i> , 1996, 12, 85-104.	1.0	12
20	Effect of Cholinergic Blockade on Glucocorticoid Regulation of NPY and Catecholamines in the Rat Adrenal Gland. <i>Neuroendocrinology</i> , 1997, 66, 98-105.	1.2	10
21	Activities of the pituitary-adrenal and gonadal axes during the estrous cycle in adult female rats prenatally exposed to morphine. <i>Brain Research</i> , 2001, 902, 66-73.	1.1	10
22	Ultrastructural localization of galanin and galanin receptors in the guinea pig median eminence. <i>Brain Research</i> , 1997, 753, 36-46.	1.1	9
23	Influence of morphine treatment in pregnant rats on the mineralocorticoid activity of the adrenals in their neonates. <i>Life Sciences</i> , 2000, 66, 1197-1211.	2.0	4
24	Could maternal perinatal atypical antipsychotic treatments program later metabolic diseases in the offspring?. <i>European Journal of Pharmacology</i> , 2011, 667, 13-16.	1.7	3
25	Influence of prenatal undernutrition on the effects of clozapine and aripiprazole in the adult male rats: Relevance to a neurodevelopmental origin of schizophrenia?. <i>European Journal of Pharmacology</i> , 2011, 667, 402-409.	1.7	2
26	Perinatal Undernutrition and Brain-Derived Neurotrophic Factor. , 2011, , 2055-2068.		2
27	Long-Lasting Analgesia With Transdermal Fentanyl: A New Approach in Rat Neonatal Research. <i>Frontiers in Pharmacology</i> , 2022, 13, 798011.	1.6	0