Christine Baly

List of Publications by Year
in descending order

24 papers	873 citations	623734 14 h-index	794594 19 g-index
24 all docs	24 docs citations	24 times ranked	1145 citing authors

#	Article	IF	Citations
1	Olfaction Under Metabolic Influences. Chemical Senses, 2012, 37, 769-797.	2.0	257
2	The Step-Wise Assembly of a Functional Nucleolus in Preimplantation Mouse Embryos Involves the Cajal (Coiled) Body. Developmental Biology, 2003, 253, 66-83.	2.0	94
3	Localization of orexins and their receptors in the rat olfactory system: possible modulation of olfactory perception by a neuropeptide synthetized centrally or locally. Brain Research, 2003, 960, 48-61.	2.2	81
4	On a chip demonstration of a functional role for odorant binding protein in the preservation of olfactory receptor activity at high odorant concentration. Lab on A Chip, 2008, 8, 678.	6.0	77
5	Leptin and its receptors are present in the rat olfactory mucosa and modulated by the nutritional status. Brain Research, 2007, 1129, 130-141.	2.2	76
6	Orexin A Modulates Mitral Cell Activity in the Rat Olfactory Bulb: Patch-Clamp Study on Slices and Immunocytochemical Localization of Orexin Receptors. Endocrinology, 2005, 146, 4042-4053.	2.8	58
7	Neuropeptide Y Enhances Olfactory Mucosa Responses to Odorant in Hungry Rats. PLoS ONE, 2012, 7, e45266.	2.5	39
8	Long-Lasting Metabolic Imbalance Related to Obesity Alters Olfactory Tissue Homeostasis and Impairs Olfactory-Driven Behaviors. Chemical Senses, 2015, 40, 537-556.	2.0	34
9	Anatomical and functional evidence for a role of arginine-vasopressin (AVP) in rat olfactory epithelium cells. European Journal of Neuroscience, 2004, 20, 658-670.	2.6	25
10	Rat strains with different metabolic statuses differ in food olfactory-driven behavior. Behavioural Brain Research, 2014, 270, 228-239.	2.2	21
11	Repeated gestational exposure to diesel engine exhaust affects the fetal olfactory system and alters olfactory-based behavior in rabbit offspring. Particle and Fibre Toxicology, 2019, 16, 5.	6.2	20
12	Modulation of olfactory signal detection in the olfactory epithelium: focus on the internal and external environment, and the emerging role of the immune system. Cell and Tissue Research, 2021, 384, 589-605.	2.9	18
13	Leptin-sensitive OBP-expressing mucous cells in rat olfactory epithelium: a novel target for olfaction-nutrition crosstalk?. Cell and Tissue Research, 2009, 338, 53-66.	2.9	17
14	Effect of Maternal Obesity and Preconceptional Weight Loss on Male and Female Offspring Metabolism and Olfactory Performance in Mice. Nutrients, 2019, 11, 948.	4.1	17
15	Chronic restricted access to food leading to undernutrition affects rat neuroendocrine status and olfactory-driven behaviors. Hormones and Behavior, 2012, 62, 120-127.	2.1	14
16	Chronic perinatal odour exposure with heptaldehyde affects odour sensitivity and olfactory system homeostasis in preweaning mice. Behavioural Brain Research, 2018, 347, 414-424.	2.2	10
17	Differential Effects of Post-Weaning Diet and Maternal Obesity on Mouse Liver and Brain Metabolomes. Nutrients, 2020, 12, 1572.	4.1	8
18	Artificial milk preference of newborn lambs is prenatally influenced by transfer of the flavor from the maternal diet to the amniotic fluid. Physiology and Behavior, 2020, 227, 113166.	2.1	3

#	Article	IF	Citations
19	Effect of environmental exposure to a maternally-learned odorant on anxiety-like behaviors at weaning in mice. Animal Cognition, 2020, 23, 881-891.	1.8	3
20	A unique transcriptome at the brainâ€“environment interface: Local translation in the rat olfactory epithelium. Brain Research, 2011, 1405, 1-14.	2.2	1
21	Metabolic status and olfactory function. , 2016, , 315-335.		0
22	Dopaminergic and serotonergic changes in rabbit fetal brain upon repeated gestational exposure to diesel engine exhaust. Archives of Toxicology, 2021, 95, 3085-3099.	4.2	0
23	ObÃ©sitÃ© et perte de poids maternelle chez la sourisÂ: effets mÃ©taboliques olfactifs et epigÃ©nÃ©tiques sur la descendance mÃ¢le et femelle. Bulletin De L'Academie Nationale De Medecine, 2020, 204, 1077-1087.	0.0	0
24	Endothelin increases the proliferation of rat olfactory mucosa cells. Neural Regeneration Research, 2020, 15, 352.	3.0	0