

# Clement Menuet

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29  
papers

676  
citations

16  
h-index

26  
g-index

32  
ext. papers

795  
ext. citations

5.6  
avg, IF

3.28  
L-index

#	Paper	IF	Citations
29	The role of serotonin in respiratory function and dysfunction. <i>Respiratory Physiology and Neurobiology</i> , <b>2010</b> , 174, 76-88	2.8	103
28	The H3K27 demethylase JMJD3 is required for maintenance of the embryonic respiratory neuronal network, neonatal breathing, and survival. <i>Cell Reports</i> , <b>2012</b> , 2, 1244-58	10.6	77
27	Increasing brain protein O-GlcNAc-ylation mitigates breathing defects and mortality of Tau.P301L mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e84442	3.7	65
26	Early breathing defects after moderate hypoxia or hypercapnia in a mouse model of Rett syndrome. <i>Respiratory Physiology and Neurobiology</i> , <b>2009</b> , 168, 109-18	2.8	55
25	Upper airway dysfunction of Tau-P301L mice correlates with tauopathy in midbrain and ponto-medullary brainstem nuclei. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 1810-21	6.6	49
24	Excessive Respiratory Modulation of Blood Pressure Triggers Hypertension. <i>Cell Metabolism</i> , <b>2017</b> , 25, 739-748	24.6	37
23	Early abnormalities of post-sigh breathing in a mouse model of Rett syndrome. <i>Respiratory Physiology and Neurobiology</i> , <b>2010</b> , 170, 173-82	2.8	28
22	Age-related impairment of ultrasonic vocalization in Tau.P301L mice: possible implication for progressive language disorders. <i>PLoS ONE</i> , <b>2011</b> , 6, e25770	3.7	27
21	Raph $\tau$ tauopathy alters serotonin metabolism and breathing activity in terminal Tau.P301L mice: possible implications for tauopathies and Alzheimer's disease. <i>Respiratory Physiology and Neurobiology</i> , <b>2011</b> , 178, 290-303	2.8	26
20	Necdin shapes serotonergic development and SERT activity modulating breathing in a mouse model for Prader-Willi syndrome. <i>ELife</i> , <b>2017</b> , 6,	8.9	23
19	Mapping and Analysis of the Connectome of Sympathetic Premotor Neurons in the Rostral Ventrolateral Medulla of the Rat Using a Volumetric Brain Atlas. <i>Frontiers in Neural Circuits</i> , <b>2017</b> , 11, 9	3.5	22
18	Stimulation of angiotensin type 1A receptors on catecholaminergic cells contributes to angiotensin-dependent hypertension. <i>Hypertension</i> , <b>2013</b> , 62, 866-71	8.5	21
17	Catecholaminergic C3 neurons are sympathoexcitatory and involved in glucose homeostasis. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 15110-22	6.6	20
16	Physiological definition of upper airway obstructions in mouse model for Rett syndrome. <i>Respiratory Physiology and Neurobiology</i> , <b>2010</b> , 173, 146-56	2.8	20
15	Isoflurane anesthesia precipitates tauopathy and upper airways dysfunction in pre-symptomatic Tau.P301L mice: possible implication for neurodegenerative diseases. <i>Neurobiology of Disease</i> , <b>2012</b> , 46, 234-43	7.5	19
14	PreBötzing complex neurons drive respiratory modulation of blood pressure and heart rate. <i>ELife</i> , <b>2020</b> , 9,	8.9	18
13	Differences in serotonergic metabolism possibly contribute to differences in breathing phenotype of FVB/N and C57BL/6J mice. <i>Journal of Applied Physiology</i> , <b>2011</b> , 110, 1572-81	3.7	13

12	Fluoxetine treatment abolishes the in vitro respiratory response to acidosis in neonatal mice. <i>PLoS ONE</i> , <b>2010</b> , 5, e13644	3.7	10
11	Role of defective calcium regulation in cardiorespiratory dysfunction in Huntington's disease. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	10
10	Angiotensin type 1A receptor expression in C1 neurons of the rostral ventrolateral medulla contributes to the development of angiotensin-dependent hypertension. <i>Experimental Physiology</i> , <b>2014</b> , 99, 1597-610	2.4	7
9	A Chemogenetic Tool that Enables Functional Neural Circuit Analysis. <i>Cell Reports</i> , <b>2020</b> , 32, 108139	10.6	6
8	Respiratory sympathetic modulation is augmented in chronic kidney disease. <i>Respiratory Physiology and Neurobiology</i> , <b>2019</b> , 262, 57-66	2.8	5
7	Polycythemia and high levels of erythropoietin in blood and brain blunt the hypercapnic ventilatory response in adult mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2016</b> , 310, R979-91	3.2	4
6	Respiratory modulation of sympathetic nerve activity is enhanced in male rat offspring following uteroplacental insufficiency. <i>Respiratory Physiology and Neurobiology</i> , <b>2016</b> , 226, 147-51	2.8	4
5	Muscle [phosphocreatine] dynamics during exercise: implication for understanding the regulation of muscle oxidative metabolism. <i>Journal of Physiology</i> , <b>2008</b> , 586, 3027-9	3.9	1
4	Detecting fine and elaborate movements with piezo sensors provides non-invasive access to overlooked behavioral components. <i>Neuropsychopharmacology</i> , <b>2021</b> ,	8.7	1
3	Adrenergic Neurons in the CNS <b>2017</b> , 29-37		1
2	Advancing respiratory-cardiovascular physiology with the working heart-brainstem preparation over 25 years.. <i>Journal of Physiology</i> , <b>2022</b> ,	3.9	1
1	Monoamine innervation of vagal motor neurons retrogradely labelled from the subdiaphragmatic oesophagus (1131.3). <i>FASEB Journal</i> , <b>2014</b> , 28, 1131.3	0.9	