

# Anne BrianÅ§on-Marjollet

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

973  
citations

471061

17  
h-index

610482

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1675  
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of sleep disorders on glucose metabolism: endocrine and molecular mechanisms. <i>Diabetology and Metabolic Syndrome</i> , 2015, 7, 25.	1.2	164
2	A midline switch of receptor processing regulates commissural axon guidance in vertebrates. <i>Genes and Development</i> , 2010, 24, 396-410.	2.7	134
3	Trio Mediates Netrin-1-Induced Rac1 Activation in Axon Outgrowth and Guidance. <i>Molecular and Cellular Biology</i> , 2008, 28, 2314-2323.	1.1	128
4	SUMOylation regulates nucleo-cytoplasmic shuttling of Elk-1. <i>Journal of Cell Biology</i> , 2004, 165, 767-773.	2.3	89
5	Impact of crystalline quality on neuronal affinity of pristine graphene. <i>Biomaterials</i> , 2016, 86, 33-41.	5.7	56
6	Endothelin-1 mediates intermittent hypoxia-induced inflammatory vascular remodeling through HIF-1 activation. <i>Journal of Applied Physiology</i> , 2016, 120, 437-443.	1.2	40
7	Identification of novel neuronal isoforms of the RhoâGEF Trio. <i>Biology of the Cell</i> , 2006, 98, 183-193.	0.7	38
8	Different regulation of the Trio Dbl-Homology domains by their associated PH domains. <i>Biology of the Cell</i> , 2003, 95, 625-634.	0.7	35
9	Recording Spikes Activity in Cultured Hippocampal Neurons Using Flexible or Transparent Graphene Transistors. <i>Frontiers in Neuroscience</i> , 2017, 11, 466.	1.4	33
10	Endothelin regulates intermittent hypoxiaâinduced lipolytic remodelling of adipose tissue and phosphorylation of hormoneâsensitive lipase. <i>Journal of Physiology</i> , 2016, 594, 1727-1740.	1.3	28
11	NG2-expressing glial precursor cells are a new potential oligodendrogloma cell initiating population in N-ethyl- N-nitrosourea-induced gliomagenesis. <i>Carcinogenesis</i> , 2010, 31, 1718-1725.	1.3	27
12	Altered <i>in vitro</i> Endothelial Repair and Monocyte Migration in Obstructive Sleep Apnea: Implication of VEGF and CRP. <i>Sleep</i> , 2014, 37, 1825-1832.	0.6	24
13	An innovative intermittent hypoxia model for cell cultures allowing fast Po2 oscillations with minimal gas consumption. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 313, C460-C468.	2.1	23
14	Sensing ion channel in neuron networks with graphene field effect transistors. <i>2D Materials</i> , 2018, 5, 045020.	2.0	21
15	Intermittent hypoxia-related alterations in vascular structure and function: a systematic review and meta-analysis of rodent data. <i>European Respiratory Journal</i> , 2022, 59, 2100866.	3.1	21
16	VE-cadherin cleavage in sleep apnoea: new insights into intermittent hypoxia-related endothelial permeability. <i>European Respiratory Journal</i> , 2021, 58, 2004518.	3.1	19
17	Intermittent hypoxia in obese Zucker rats: cardiometabolic and inflammatory effects. <i>Experimental Physiology</i> , 2016, 101, 1432-1442.	0.9	18
18	Cardiac consequences of intermittent hypoxia: a matter of dose? A systematic review and meta-analysis in rodents. <i>European Respiratory Review</i> , 2022, 31, 210269.	3.0	18

#	ARTICLE	IF	CITATIONS
19	Intermittent hypoxia upregulates serum VEGF. <i>Sleep Medicine</i> , 2014, 15, 1425-1426.	0.8	16
20	Nonmuscle Myosin Light Chain Kinase: A Key Player in Intermittent Hypoxia-Induced Vascular Alterations. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	16
21	Zinc deficiency promotes endothelin secretion and endothelial cell migration through nuclear hypoxia-inducible factor-1 translocation. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C270-C276.	2.1	13
22	Neuron-Gated Silicon Nanowire Field Effect Transistors to Follow Single Spike Propagation within Neuronal Network. <i>Advanced Engineering Materials</i> , 2021, 23, 2001226.	1.6	5
23	Inhibition of Vascular Endothelial Cadherin Cleavage Prevents Elastic Fiber Alterations and Atherosclerosis Induced by Intermittent Hypoxia in the Mouse Aorta. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7012.	1.8	4
24	Introducing a biomimetic coating for graphene neuroelectronics: toward in-vivo applications. <i>Biomedical Physics and Engineering Express</i> , 2021, 7, 015006.	0.6	3
25	Two weeks of intermittent hypoxic exposure induce lipolysis at the fat tissue level in healthy human subjects. , 2017, , .		0
26	Reply: Soluble VE-cadherin: not just a marker of endothelial permeability. <i>European Respiratory Journal</i> , 2021, 58, 2102629.	3.1	0