

# Jessica P Otis

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

715  
citations

687363

13  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intergenerational Transmission of Glucose Intolerance and Obesity by In Utero Undernutrition in Mice. <i>Diabetes</i> , 2009, 58, 460-468.	0.6	277
2	Zebrafish as a model for apolipoprotein biology: comprehensive expression analysis and a role for ApoA-IV in regulating food intake. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 295-309.	2.4	88
3	Induction of torpor: Mimicking natural metabolic suppression for biomedical applications. <i>Journal of Cellular Physiology</i> , 2012, 227, 1285-1290.	4.1	86
4	Analysis of the hibernation cycle using LC-MS-based metabolomics in ground squirrel liver. <i>Physiological Genomics</i> , 2009, 37, 43-51.	2.3	61
5	Prioritization of skeletal muscle growth for emergence from hibernation. <i>Journal of Experimental Biology</i> , 2015, 218, 276-84.	1.7	40
6	Cholesterol and Lipoprotein Dynamics in a Hibernating Mammal. <i>PLoS ONE</i> , 2011, 6, e29111.	2.5	28
7	A role for nuclear receptors in mammalian hibernation. <i>Journal of Physiology</i> , 2009, 587, 1863-1870.	2.9	22
8	Hypoxic ventilatory responses in rats after hypercapnic hyperoxia and intermittent hyperoxia. <i>Respiratory Physiology and Neurobiology</i> , 2007, 155, 193-202.	1.6	21
9	Hibernation reduces cellular damage caused by warm hepatic ischemiaâ€“reperfusion in ground squirrels. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 639-648.	1.5	20
10	Respiratory plasticity after perinatal hypercapnia in rats. <i>Respiratory Physiology and Neurobiology</i> , 2006, 153, 78-91.	1.6	18
11	Imaging vertebrate digestive function and lipid metabolism in vivo. <i>Drug Discovery Today: Disease Models</i> , 2013, 10, e11-e16.	1.2	17
12	Intestinal epithelial cell Caveolin 1 regulates fatty acid and lipoprotein cholesterol plasma levels. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 283-295.	2.4	17
13	Identification of qRT-PCR reference genes for analysis of opioid gene expression in a hibernator. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2010, 180, 619-629.	1.5	14
14	Cholecystokinin activation of central satiety centers changes seasonally in a mammalian hibernator. <i>General and Comparative Endocrinology</i> , 2011, 171, 269-274.	1.8	6