

Achim Peters

List of Publications by Year in Descending Order

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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.

18
papers

590
citations

12
h-index

22
g-index

22
ext. papers

761
ext. citations

5.1
avg, IF

4.38
L-index

#	Paper	IF	Citations
18	Brain Mass (Energy) Resistant to Hyperglycaemic Oversupply: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2021 , 15, 740502	5.1	0
17	Proximal Disruption of Brain Energy Supply Raises Systemic Blood Glucose: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2021 , 15, 685031	5.1	1
16	Brain More Resistant to Energy Restriction Than Body: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2021 , 15, 639617	5.1	4
15	Cooperation and Social Rules Emerging From the Principle of Surprise Minimization. <i>Frontiers in Psychology</i> , 2020 , 11, 606174	3.4	0
14	LTP or LTD? Modeling the Influence of Stress on Synaptic Plasticity. <i>ENeuro</i> , 2018 , 5,	3.9	12
13	Uncertainty and stress: Why it causes diseases and how it is mastered by the brain. <i>Progress in Neurobiology</i> , 2017 , 156, 164-188	10.9	247
12	Stress-Related Changes in Body Form: Results from the Whitehall II Study. <i>Obesity</i> , 2017 , 25, 1625-1632	8	4
11	Stress habituation, body shape and cardiovascular mortality. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 56, 139-50	9	81
10	Rise of ketone bodies with psychosocial stress in normal weight men. <i>Psychoneuroendocrinology</i> , 2014 , 45, 43-8	5	11
9	The corpulent phenotype-how the brain maximizes survival in stressful environments. <i>Frontiers in Neuroscience</i> , 2013 , 7, 47	5.1	11
8	Rise in plasma lactate concentrations with psychosocial stress: a possible sign of cerebral energy demand. <i>Obesity Facts</i> , 2012 , 5, 384-92	5.1	19
7	The brain's supply and demand in obesity. <i>Frontiers in Neuroenergetics</i> , 2012 , 4, 4		25
6	Why doesn't the brain lose weight, when obese people diet?. <i>Obesity Facts</i> , 2011 , 4, 151-7	5.1	22
5	High-calorie glucose-rich food attenuates neuroglycopenic symptoms in patients with Addison's disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 522-8	5.6	22
4	Build-ups in the supply chain of the brain: on the neuroenergetic cause of obesity and type 2 diabetes mellitus. <i>Frontiers in Neuroenergetics</i> , 2009 , 1, 2		43
3	Making sense of AMPA receptor trafficking by modeling molecular mechanisms of synaptic plasticity. <i>Brain Research</i> , 2008 , 1207, 60-72	3.7	14
2	Differential energetic response of brain vs. skeletal muscle upon glycemic variations in healthy humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R12-6	3.2	29

- 1 Comparison of the inhibitory effect of insulin and hypoglycemia on insulin secretion in humans. *Metabolism: Clinical and Experimental*, **2000**, 49, 950-3 12.7 13