Reinhard Bauer

List of Publications by Year
in descending order

34	837	516710 16	501196 28
papers	citations	h-index	g-index

35	35	35	1257
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transporters MCT8 and OATP1C1 maintain murine brain thyroid hormone homeostasis. Journal of Clinical Investigation, 2014, 124, 1987-1999.	8.2	224
2	Inflammaging impairs peripheral nerve maintenance and regeneration. Aging Cell, 2018, 17, e12833.	6.7	88
3	Merlin isoform 2 in neurofibromatosis type 2â€“associated polyneuropathy. Nature Neuroscience, 2013, 16, 426-433.	14.8	51
4	Memory-Like Inflammatory Responses of Microglia to Rising Doses of LPS: Key Role of PI3KÎ³. Frontiers in Immunology, 2019, 10, 2492.	4.8	47
5	Phosphoinositide 3-Kinase Î³ Affects LPS-Induced Disturbance of Bloodâ€“Brain Barrier Via Lipid Kinase-Independent Control of cAMP in Microglial Cells. NeuroMolecular Medicine, 2014, 16, 704-713.	3.4	41
6	Immunomorphological sequelae of severe brain injury induced by fluid-percussion in juvenile pigs â€“ effects of mild hypothermia. Acta Neuropathologica, 2001, 101, 424-434.	7.7	36
7	In Vivo Electrophysiological Measurements on Mouse Sciatic Nerves. Journal of Visualized Experiments, 2014, , .	0.3	33
8	Intrauterine growth restriction induces increased capillary density and accelerated type I fiber maturation in newborn pig skeletal muscles. Journal of Perinatal Medicine, 2006, 34, 235-42.	1.4	26
9	Phosphoinositide 3-Kinase Î³ Restrains Neurotoxic Effects of Microglia After Focal Brain Ischemia. Molecular Neurobiology, 2016, 53, 5468-5479.	4.0	23
10	Memory-Like Responses of Brain Microglia Are Controlled by Developmental State and Pathogen Dose. Frontiers in Immunology, 2020, 11, 546415.	4.8	22
11	Phosphoinositide 3-kinase gamma controls inflammation-induced myocardial depression via sequential cAMP and iNOS signalling. Cardiovascular Research, 2015, 108, 243-253.	3.8	20
12	The protein-tyrosine phosphatase DEP-1 promotes migration and phagocytic activity of microglial cells in part through negative regulation of fyn tyrosine kinase. Glia, 2017, 65, 416-428.	4.9	20
13	Effects of interleukin-1ÃŸ on cortical spreading depolarization and cerebral vasculature. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1791-1802.	4.3	19
14	Detecting the signature of reticulothalamocortical communication in cerebrocortical electrical activity. Clinical Neurophysiology, 2007, 118, 1969-1979.	1.5	17
15	Arginase Inhibition Reverses Monocrotaline-Induced Pulmonary Hypertension. International Journal of Molecular Sciences, 2017, 18, 1609.	4.1	17
16	Reduced ambient temperature exacerbates SIRS-induced cardiac autonomic dysregulation and myocardial dysfunction in mice. Basic Research in Cardiology, 2019, 114, 26.	5.9	17
17	Phosphoinositide 3-kinase Î³ ties chemoattractant- and adrenergic control of microglial motility. Molecular and Cellular Neurosciences, 2017, 78, 1-8.	2.2	16
18	The Role of the Pathogen Dose and PI3KÎ³ in Immunometabolic Reprogramming of Microglia for Innate Immune Memory. International Journal of Molecular Sciences, 2021, 22, 2578.	4.1	14

#	Article	IF	Citations
19	Targeted delivery of a phosphoinositide 3â€kinase Î³ inhibitor to restore organ function in sepsis. EMBO Molecular Medicine, 2021, 13, e14436.	6.9	14
20	Controlled brain hypothermia by extracorporeal carotid blood cooling at normothermic trunk temperatures in pigs. Journal of Neuroscience Methods, 1999, 89, 167-174.	2.5	13
21	Lung tissue remodelling in MCT-induced pulmonary hypertension: a proposal for a novel scoring system and changes in extracellular matrix and fibrosis associated gene expression. Oncotarget, 2016, 7, 81241-81254.	1.8	13
22	Impact of ambient temperature on inflammation-induced encephalopathy in endotoxemic miceâ€"role of phosphoinositide 3-kinase gamma. Journal of Neuroinflammation, 2020, 17, 292.	7.2	9
23	Neuron-Specific Deletion of the Nf2 Tumor Suppressor Impairs Functional Nerve Regeneration. PLoS ONE, 2016, 11, e0159718.	2.5	8
24	The potential of substance P to initiate and perpetuate cortical spreading depression (CSD) in rat in vivo. Scientific Reports, 2018, 8, 17656.	3.3	8
25	Distinct Actions of the Thyroid Hormone Transporters Mct8 and Oatp1c1 in Murine Adult Hippocampal Neurogenesis. Cells, 2022, 11, 524.	4.1	8
26	Intrauterine growth restriction improves cerebral O₂ utilization during hypercapnic hypoxia in newborn piglets. Journal of Physiology, 2007, 584, 693-704.	2.9	7
27	PI3KÎ³ Mediates Microglial Proliferation and Cell Viability via ROS. Cells, 2021, 10, 2534.	4.1	7
28	Age-dependent effects of gradual decreases in cerebral perfusion pressure on the neurochemical response in swine. Intensive Care Medicine, 2010, 36, 1067-1075.	8.2	6
29	Stereotactic approach and electrophysiological characterization of thalamic reticular and dorsolateral nuclei of the juvenile pig. Acta Neurobiologiae Experimentalis, 2006, 66, 43-54.	0.7	4
30	Multimodal pathophysiological dataset of gradual cerebral ischemia in a cohort of juvenile pigs. Scientific Data, 2021, 8, 4.	5.3	3
31	Mouse sepsis models: don't forget ambient temperature!. Intensive Care Medicine Experimental, 2022, 10, .	1.9	3
32	Reduced Mrp2 surface availability as PI3KÎ³-mediated hepatocytic dysfunction reflecting a hallmark of cholestasis in sepsis. Scientific Reports, 2020, 10, 13110.	3.3	2
33	Metallothionein: a new soldier in the fight against chronic renal hypoxia?. Kidney International, 2009, 75, 257-259.	5.2	1
34	Update to the dataset of cerebral ischemia in juvenile pigs with evoked potentials. Scientific Data, 2021, 8, 248.	5.3	0