Benoit Melchior

List of Publications by Year
in descending order

23	1,627	471509 17	677142 22
papers	citations	h-index	g-index

24	24	24	2825
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tau pathology reduction with SM07883, a novel, potent, and selective oral DYRK1A inhibitor: A potential therapeutic for Alzheimer's disease. Aging Cell, 2019, 18, e13000.	6.7	38
2	O4â€05â€03: TAU PATHOLOGY REDUCTION WITH SM07883, A NOVEL, POTENT, AND SELECTIVE ORAL DYRK1A INHIBITOR: AÂPOTENTIAL THERAPEUTIC FORÂALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P1411.	0.8	0
3	Shear stress induces GÎ±_{q/11} activation independently of G protein-coupled receptor activation in endothelial cells. American Journal of Physiology - Cell Physiology, 2017, 312, C428-C437.	4.6	29
4	Distinctive Subcellular Aktâ€1 Responses to Shear Stress in Endothelial Cells. Journal of Cellular Biochemistry, 2014, 115, 121-129.	2.6	19
5	Heparan Sulfates Mediate the Interaction between Platelet Endothelial Cell Adhesion Molecule-1 (PECAM-1) and the GÎ±q/11 Subunits of Heterotrimeric G Proteins. Journal of Biological Chemistry, 2014, 289, 7413-7424.	3.4	34
6	Early VEGFR2 activation in response to flow is VEGF-dependent and mediated by MMP activity. Biochemical and Biophysical Research Communications, 2013, 434, 641-646.	2.1	20
7	Nitric Oxide Synthase Dysfunction Contributes to Impaired Cerebroarteriolar Reactivity in Experimental Cerebral Malaria. PLoS Pathogens, 2013, 9, e1003444.	4.7	49
8	GÎ±_{q/11}-mediated intracellular calcium responses to retrograde flow in endothelial cells. American Journal of Physiology - Cell Physiology, 2012, 303, C467-C473.	4.6	23
9	Shear-induced endothelial cell-cell junction inclination. American Journal of Physiology - Cell Physiology, 2010, 299, C621-C629.	4.6	46
10	Dual Induction of TREM2 and Tolerance-Related Transcript, Tmem176b, in Amyloid Transgenic Mice: Implications for Vaccine-Based Therapies for Alzheimer's Disease. ASN Neuro, 2010, 2, AN20100010.	2.7	118
11	Rapid changes in shear stress induce dissociation of a GÎ±_{q/11}â€“platelet endothelial cell adhesion moleculeâ€1 complex. Journal of Physiology, 2009, 587, 2365-2373.	2.9	37
12	Differential gene expression in LPS/IFNÎ³ activated microglia and macrophages: in vitro versus in vivo. Journal of Neurochemistry, 2009, 109, 117-125.	3.9	135
13	PECAM-1 is a critical mediator of atherosclerosis. DMM Disease Models and Mechanisms, 2008, 1, 175-181.	2.4	57
14	A Rose by Any Other Name? The Potential Consequences of Microglial Heterogeneity During CNS Health and Disease. Neurotherapeutics, 2007, 4, 571-579.	4.4	104
15	Microglia and the control of autoreactive T cell responses. Neurochemistry International, 2006, 49, 145-153.	3.8	57
16	CNS immune privilege: hiding in plain sight. Immunological Reviews, 2006, 213, 48-65.	6.0	638
17	Î²1 Integrin as a Xenoantigen in Fetal Porcine Mesencephalic Cells Transplanted into the Rat Brain. Cell Transplantation, 2005, 14, 527-536.	2.5	5
18	Transgenic expression of CTLA4-Ig by fetal pig neurons for xenotransplantation. Transgenic Research, 2005, 14, 373-384.	2.4	70

#	Article	IF	Citations
19	Compartmentalization of TCR repertoire alteration during rejection of an intrabrain xenograft. Experimental Neurology, 2005, 192, 373-383.	4.1	13
20	Blood T-cell receptor Â chain transcriptome in multiple sclerosis. Characterization of the T cells with altered CDR3 length distribution. Brain, 2004, 127, 981-995.	7.6	57
21	Ectopic expression of the TrkA receptor in adult dopaminergic mesencephalic neurons promotes retrograde axonal NGF transport and NGF-dependent neuroprotection. Experimental Neurology, 2003, 183, 367-378.	4.1	11
22	Temporal analysis of cytokine gene expression during infiltration of porcine neuronal grafts implanted into the rat brain. Journal of Neuroscience Research, 2002, 68, 284-292.	2.9	27
23	Different mechanisms mediate the rejection of porcine neurons and endothelial cells transplanted into the rat brain. Xenotransplantation, 2001, 8, 136-148.	2.8	40