

Benoit Lehallier

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

6,369
citations

218592

26
h-index

345118

36
g-index

38
all docs

38
docs citations

38
times ranked

9592
citing authors

#	ARTICLE	IF	CITATIONS
1	Young CSF restores oligodendrogenesis and memory in aged mice via Fgf17. <i>Nature</i> , 2022, 605, 509-515.	13.7	98
2	Methods to investigate intrathecal adaptive immunity in neurodegeneration. <i>Molecular Neurodegeneration</i> , 2021, 16, 3.	4.4	13
3	A neuronal blood marker is associated with mortality in old age. <i>Nature Aging</i> , 2021, 1, 218-225.	5.3	30
4	Dysregulation of brain and choroid plexus cell types in severe COVID-19. <i>Nature</i> , 2021, 595, 565-571.	13.7	406
5	Peripheral B cells repress B-cell regeneration in aging through a TNF- α /IGFBP-1/IGF-1 immune-endocrine axis. <i>Blood</i> , 2021, 138, 1817-1829.	0.6	17
6	An inflammatory aging clock (iAge) based on deep learning tracks multimorbidity, immunosenescence, frailty and cardiovascular aging. <i>Nature Aging</i> , 2021, 1, 598-615.	5.3	202
7	The protein inputs of an ultra-predictive aging clock represent viable anti-aging drug targets. <i>Ageing Research Reviews</i> , 2021, 70, 101404.	5.0	14
8	Exercise plasma boosts memory and dampens brain inflammation via clusterin. <i>Nature</i> , 2021, 600, 494-499.	13.7	156
9	Clonally expanded CD8 T cells patrol the cerebrospinal fluid in Alzheimer's disease. <i>Nature</i> , 2020, 577, 399-404.	13.7	537
10	Data mining of human plasma proteins generates a multitude of highly predictive aging clocks that reflect different aspects of aging. <i>Ageing Cell</i> , 2020, 19, e13256.	3.0	61
11	A single-cell transcriptomic atlas characterizes ageing tissues in the mouse. <i>Nature</i> , 2020, 583, 590-595.	13.7	683
12	Ageing hallmarks exhibit organ-specific temporal signatures. <i>Nature</i> , 2020, 583, 596-602.	13.7	317
13	Common diseases alter the physiological age-related blood microRNA profile. <i>Nature Communications</i> , 2020, 11, 5958.	5.8	46
14	Brain Endothelial Cells Are Exquisite Sensors of Age-Related Circulatory Cues. <i>Cell Reports</i> , 2020, 30, 4418-4432.e4.	2.9	133
15	Undulating changes in human plasma proteome profiles across the lifespan are linked to disease. <i>Alzheimer's and Dementia</i> , 2020, 16, e043868.	0.4	1
16	Physiological blood-brain transport is impaired with age by a shift in transcytosis. <i>Nature</i> , 2020, 583, 425-430.	13.7	243
17	Lipid-droplet-accumulating microglia represent a dysfunctional and proinflammatory state in the aging brain. <i>Nature Neuroscience</i> , 2020, 23, 194-208.	7.1	558
18	Systematic review and analysis of human proteomics aging studies unveils a novel proteomic aging clock and identifies key processes that change with age. <i>Ageing Research Reviews</i> , 2020, 60, 101070.	5.0	86

#	ARTICLE	IF	CITATIONS
19	Multimomics modeling of the immunome, transcriptome, microbiome, proteome and metabolome adaptations during human pregnancy. <i>Bioinformatics</i> , 2019, 35, 95-103.	1.8	162
20	Aged blood impairs hippocampal neural precursor activity and activates microglia via brain endothelial cell VCAM1. <i>Nature Medicine</i> , 2019, 25, 988-1000.	15.2	260
21	Undulating changes in human plasma proteome profiles across the lifespan. <i>Nature Medicine</i> , 2019, 25, 1843-1850.	15.2	470
22	A proteomic clock of human pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 347.e1-347.e14.	0.7	82
23	Multiple Click-Selective tRNA Synthetases Expand Mammalian Cell-Specific Proteomics. <i>Journal of the American Chemical Society</i> , 2018, 140, 7046-7051.	6.6	26
24	Predicting early symptomatic osteoarthritis in the human knee using machine learning classification of magnetic resonance images from the osteoarthritis initiative. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2243-2250.	1.2	70
25	Human umbilical cord plasma proteins revitalize hippocampal function in aged mice. <i>Nature</i> , 2017, 544, 488-492.	13.7	317
26	Activation of the STING-Dependent Type I Interferon Response Reduces Microglial Reactivity and Neuroinflammation. <i>Neuron</i> , 2017, 96, 1290-1302.e6.	3.8	107
27	Preclinical Assessment of Young Blood Plasma for Alzheimer Disease. <i>JAMA Neurology</i> , 2016, 73, 1325.	4.5	123
28	Combined Plasma and Cerebrospinal Fluid Signature for the Prediction of Midterm Progression From Mild Cognitive Impairment to Alzheimer Disease. <i>JAMA Neurology</i> , 2016, 73, 203.	4.5	57
29	Young blood reverses age-related impairments in cognitive function and synaptic plasticity in mice. <i>Nature Medicine</i> , 2014, 20, 659-663.	15.2	858
30	The SUMO Protease Verloren Regulates Dendrite and Axon Targeting in Olfactory Projection Neurons. <i>Journal of Neuroscience</i> , 2012, 32, 8331-8340.	1.7	17
31	MicroRNA Processing Pathway Regulates Olfactory Neuron Morphogenesis. <i>Current Biology</i> , 2008, 18, 1754-1759.	1.8	67
32	Wiring Stability of the Adult <i>Drosophila</i> Olfactory Circuit after Lesion. <i>Journal of Neuroscience</i> , 2006, 26, 3367-3376.	1.7	81