Bertrand Joseph

List of Publications by Year in Descending Order

53 papers	13,964 citations	25 h-index	56 g-index
56 ext. papers	16,908 ext. citations	10.7 avg, IF	5.42 L-index

#	Paper	IF	Citations
53	An overlooked subset of Cx3cr1 microglia in the Cx3cr1 mouse has a repopulation advantage over Cx3cr1 microglia following microglial depletion.. *Journal of Neuroinflammation*, **2022**, 19, 20	10.1	1
52	ULK3-dependent activation of GLI1 promotes DNMT3A expression upon autophagy induction.. *Autophagy*, **2022**, 1-12	10.2	0
51	Autophagy regulation by RNA alternative splicing and implications in human diseases.. *Nature Communications*, **2022**, 13, 2735	17.4	0
50	Multifaceted microglia - key players in primary brain tumour heterogeneity. *Nature Reviews Neurology*, **2021**, 17, 243-259	15	6
49	Atg7 deficiency in microglia drives an altered transcriptomic profile associated with an impaired neuroinflammatory response. *Molecular Brain*, **2021**, 14, 87	4.5	2
48	Selective deletion of Caspase-3 gene in the dopaminergic system exhibits autistic-like behaviour. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2021**, 104, 110030	5.5	4
47	The DNA methyltransferase DNMT3A contributes to autophagy long-term memory. *Autophagy*, **2021**, 17, 1259-1277	10.2	5
46	Inhibition of microglial EZH2 leads to anti-tumoral effects in pediatric diffuse midline gliomas. *Neuro-Oncology Advances*, **2021**, 3, vdab096	0.9	1
45	Bone toxicity induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and the retinoid system: A causality analysis anchored in osteoblast gene expression and mouse data. *Reproductive Toxicology*, **2021**, 105, 25-43	3.4	3
44	SETD2 mutation in renal clear cell carcinoma suppress autophagy via regulation of ATG12. *Cell Death and Disease*, **2020**, 11, 69	9.8	12
43	Microglia: Agents of the CNS Pro-Inflammatory Response. *Cells*, **2020**, 9,	7.9	71
42	Hantavirus Inhibits TRAIL-Mediated Killing of Infected Cells by Downregulating Death Receptor 5. *Cell Reports*, **2019**, 28, 2124-2139.e6	10.6	14
41	Microglial subtypes: diversity within the microglial community. *EMBO Journal*, **2019**, 38, e101997	13	181
40	TET2 Regulates the Neuroinflammatory Response in Microglia. *Cell Reports*, **2019**, 29, 697-713.e8	10.6	38
39	The Rules of Engagement: Do Microglia Seal the Fate in the Inverse Relation of Glioma and AlzheimerԱ Disease?. *Frontiers in Cellular Neuroscience*, **2019**, 13, 522	6.1	1
38	The Secretome of Microglia Regulate Neural Stem Cell Function. *Neuroscience*, **2019**, 405, 92-102	3.9	17
37	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. *Cell Death and Differentiation*, **2018**, 25, 486-541	12.7	2160

36	Glioma-induced SIRT1-dependent activation of hMOF histone H4 lysine 16 acetyltransferase in microglia promotes a tumor supporting phenotype. *OncoImmunology*, **2018**, 7, e1382790	7.2	13
35	Epigenetics Control Microglia Plasticity. *Frontiers in Cellular Neuroscience*, **2018**, 12, 243	6.1	57
34	Caspases orchestrate microglia instrumental functions. *Progress in Neurobiology*, **2018**, 171, 50-71	10.9	21
33	Caspase-8, association with Alzheimer's Disease and functional analysis of rare variants. *PLoS ONE*, **2017**, 12, e0185777	3.7	23
32	Glioma-induced inhibition of caspase-3 in microglia promotes a tumor-supportive phenotype. *Nature Immunology*, **2016**, 17, 1282-1290	19.1	55
31	Spatio-temporal activation of caspase-8 in myeloid cells upon ischemic stroke. *Acta Neuropathologica Communications*, **2016**, 4, 92	7.3	12
30	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
29	Caspase-8 inhibition represses initial human monocyte activation in septic shock model. *Oncotarget* , **2016**, 7, 37456-37470	3.3	15
28	Neuromelanin activates proinflammatory microglia through a caspase-8-dependent mechanism. *Journal of Neuroinflammation*, **2015**, 12, 5	10.1	25
27	Inhibitory effects on osteoblast differentiation in vitro by the polychlorinated biphenyl mixture Aroclor 1254 are mainly associated with the dioxin-like constituents. *Toxicology in Vitro*, **2015**, 29, 876-83	3.6	11
26	Neuroinflammation in Alzheimer's disease. *Lancet Neurology, The*, **2015**, 14, 388-405	24.1	2760
25	Accidentally enucleating autophagy. *Nature Reviews Molecular Cell Biology*, **2015**, 16, 4	48.7	1
24	Microglia-Secreted Galectin-3 Acts as a Toll-like Receptor 4 Ligand and Contributes to Microglial Activation. *Cell Reports*, **2015**, 10, 1626-1638	10.6	183
23	Rph1/KDM4 mediates nutrient-limitation signaling that leads to the transcriptional induction of autophagy. *Current Biology*, **2015**, 25, 546-55	6.3	73
22	Deletion of caspase-8 in mouse myeloid cells blocks microglia pro-inflammatory activation and confers protection in MPTP neurodegeneration model. *Aging*, **2015**, 7, 673-89	5.6	18
21	Cracking the survival code: autophagy-related histone modifications. *Autophagy*, **2014**, 10, 556-61	10.2	46
20	The return of the nucleus: transcriptional and epigenetic control of autophagy. *Nature Reviews Molecular Cell Biology*, **2014**, 15, 65-74	48.7	320
19	The histone H4 lysine 16 acetyltransferase hMOF regulates the outcome of autophagy. *Nature*, **2013**, 500, 468-71	50.4	206

18	Caspases playing in the field of neuroinflammation: old and new players. *Developmental Neuroscience*, **2013**, 35, 88-101	2.2	29
17	Histone post-translational modifications regulate autophagy flux and outcome. *Autophagy*, **2013**, 9, 1621-3	10.2	35
16	TAp73[illegible]mediated suppression of cell migration requires p57Kip2 control of actin cytoskeleton dynamics. *Oncotarget*, **2013**, 4, 289-97	3.3	10
15	A brief overview of multitalented microglia. *Methods in Molecular Biology*, **2013**, 1041, 3-8	1.4	17
14	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
13	Caspase signalling controls microglia activation and neurotoxicity. *Nature*, **2011**, 472, 319-24	50.4	406
12	Hsp72 mediates TAp73[illegible]anti-apoptotic effects in small cell lung carcinoma cells. *Journal of Cellular and Molecular Medicine*, **2011**, 15, 1757-68	5.6	5
11	The hallmarks of CDKN1C (p57, KIP2) in cancer. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2011**, 1816, 50-6	11.2	55
10	TAp73alpha protects small cell lung carcinoma cells from caspase-2 induced mitochondrial mediated apoptotic cell death. *Oncotarget*, **2011**, 2, 1145-54	3.3	17
9	Molecular control of brain size: regulators of neural stem cell life, death and beyond. *Experimental Cell Research*, **2010**, 316, 1415-21	4.2	29
8	Full-length p73alpha represses drug-induced apoptosis in small cell lung carcinoma cells. *Journal of Biological Chemistry*, **2005**, 280, 34159-69	5.4	26
7	Heat Shock Protein 72 Does Not Modulate Ionizing Radiation-Induced Apoptosis in U1810 Non-Small Cell Lung Carcinoma Cells. *Cancer Biology and Therapy*, **2003**, 2, 662-668	4.6	20
6	p57(Kip2) cooperates with Nurr1 in developing dopamine cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 15619-24	11.5	124
5	Heat shock protein 72 does not modulate ionizing radiation-induced apoptosis in U1810 non-small cell lung carcinoma cells. *Cancer Biology and Therapy*, **2003**, 2, 663-9	4.6	5
4	Mitochondrial dysfunction is an essential step for killing of non-small cell lung carcinomas resistant to conventional treatment. *Oncogene*, **2002**, 21, 65-77	9.2	105
3	Defective caspase-3 relocalization in non-small cell lung carcinoma. *Oncogene*, **2001**, 20, 2877-88	9.2	64
2	Role of apoptosis in the response of lung carcinomas to anti-cancer treatment. *Annals of the New York Academy of Sciences*, **2000**, 926, 204-16	6.5	34
1	Mitochondrial dysfunction is an essential step for killing of non-small cell lung carcinomas resistant to conventional treatment		1