

SÃ©bastien A LÃ©vesque

List of Publications by Year in descending order

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31
papers

2,034
citations

304368

22
h-index

433756

31
g-index

32
all docs

32
docs citations

32
times ranked

2759
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative hydrolysis of P2 receptor agonists by NTPDases 1, 2, 3 and 8. <i>Purinergic Signalling</i> , 2005, 1, 193-204.	1.1	258
2	Neutrophils Mediate Bloodâ€“Spinal Cord Barrier Disruption in Demyelinating Neuroinflammatory Diseases. <i>Journal of Immunology</i> , 2014, 193, 2438-2454.	0.4	214
3	Specificity of the ectoâ€“ATPase inhibitor ARL 67156 on human and mouse ectonucleotidases. <i>British Journal of Pharmacology</i> , 2007, 152, 141-150.	2.7	184
4	Myeloid cell transmigration across the CNS vasculature triggers IL-1 β -driven neuroinflammation during autoimmune encephalomyelitis in mice. <i>Journal of Experimental Medicine</i> , 2016, 213, 929-949.	4.2	126
5	Impact of Ectoenzymes on P2 and P1 Receptor Signaling. <i>Advances in Pharmacology</i> , 2011, 61, 263-299.	1.2	124
6	Cloning and Characterization of Mouse Nucleoside Triphosphate Diphosphohydrolase-8â€“,â€“j. <i>Biochemistry</i> , 2004, 43, 5511-5519.	1.2	118
7	NTPDase1 governs P2X ₇ -dependent functions in murine macrophages. <i>European Journal of Immunology</i> , 2010, 40, 1473-1485.	1.6	99
8	Central Canal Ependymal Cells Proliferate Extensively in Response to Traumatic Spinal Cord Injury but Not Demyelinating Lesions. <i>PLoS ONE</i> , 2014, 9, e85916.	1.1	88
9	IL-1 β enables CNS access to CCR2 ^{hi} monocytes and the generation of pathogenic cells through GM-CSF released by CNS endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1194-E1203.	3.3	75
10	Cloning, purification, and identification of the liver canalicular ecto-ATPase as NTPDase8. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G785-G795.	1.6	71
11	A highly sensitive CEâ€“UV method with dynamic coating of silicaâ€“fused capillaries for monitoring of nucleotide pyrophosphatase/phosphodiesterase reactions. <i>Electrophoresis</i> , 2008, 29, 3685-3693.	1.3	67
12	Extracellular ATP and P2 receptors are required for IL-8 to induce neutrophil migration. <i>Cytokine</i> , 2009, 46, 166-170.	1.4	59
13	NTPDase1 Controls IL-8 Production by Human Neutrophils. <i>Journal of Immunology</i> , 2011, 187, 644-653.	0.4	54
14	The P2X7/P2X4 interaction shapes the purinergic response in murine macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 484-490.	1.0	50
15	Adenosine 5â€“O-(1-Boranotriphosphate) Derivatives as Novel P2Y1 Receptor Agonists. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 5384-5396.	2.9	49
16	Inhibition of human and mouse plasma membrane bound NTPDases by P2 receptor antagonists. <i>Biochemical Pharmacology</i> , 2007, 74, 1524-1534.	2.0	48
17	Nucleotide receptors control IL-8/CXCL8 and MCP-1/CCL2 secretions as well as proliferation in human glioma cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 120-130.	1.8	48
18	Cloning and characterization of mouse nucleoside triphosphate diphosphohydrolase-3. <i>Biochemical Pharmacology</i> , 2004, 67, 1917-1926.	2.0	43

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19	Involvement of the IL-1 system in experimental autoimmune encephalomyelitis and multiple sclerosis: Breaking the vicious cycle between IL-1 β and GM-CSF. <i>Brain, Behavior, and Immunity</i> , 2017, 62, 1-8.	2.0	41
20	Diadenosine 5 α ,5 β -(Boranated)polyphosphonate Analogues as Selective Nucleotide Pyrophosphatase/Phosphodiesterase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8485-8497.	2.9	39
21	Sequencing of Peach Latent Mosaic Viroid Variants from Nine North American Peach Cultivars Shows that This RNA Folds into a Complex Secondary Structure. <i>Virology</i> , 2000, 271, 37-45.	1.1	38
22	Diadenosine and Diuridine Poly(borano)phosphate Analogues: Synthesis, Chemical and Enzymatic Stability, and Activity at P2Y1 and P2Y2 Receptors. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1980-1990.	2.9	33
23	Fluorescent N2,N3- β -Adenine Nucleoside and Nucleotide Probes: Synthesis, Spectroscopic Properties, and Biochemical Evaluation. <i>ChemBioChem</i> , 2006, 7, 1361-1374.	1.3	18
24	A highly sensitive capillary electrophoresis method using p-nitrophenyl 5 β -thymidine monophosphate as a substrate for the monitoring of nucleotide pyrophosphatase/phosphodiesterase activities. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 911, 162-169.	1.2	18
25	Shedding a new light on Huntington's disease: how blood can both propagate and ameliorate disease pathology. <i>Molecular Psychiatry</i> , 2021, 26, 5441-5463.	4.1	16
26	Sample and substrate preparation for exploring living neurons in culture with quantitative-phase imaging. <i>Methods</i> , 2018, 136, 90-107.	1.9	14
27	The P2 receptor antagonist PPADS abrogates LPS-induced neutrophil migration in the murine air pouch via inhibition of MIP-2 and KC production. <i>Molecular Immunology</i> , 2010, 47, 833-839.	1.0	12
28	Measuring Absolute Cell Volume Using Quantitative-Phase Digital Holographic Microscopy and a Low-Cost, Open-Source, and 3D-Printed Flow Chamber. <i>Frontiers in Physics</i> , 2019, 7, .	1.0	10
29	Fluorescent β -ATP analogues for probing physicochemical properties of proteins. Synthesis, biochemical evaluation, and sensitivity to properties of the medium. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 6119-6135.	1.4	7
30	Photoaffinity labeling on magnetic microspheres (PALMm) methodology for topographic mapping: preparation of PALMm reagents and demonstration of biochemical relevance. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 2821-2832.	1.5	6
31	Low-cost production and sealing procedure of mechanical parts of a versatile 3D-printed perfusion chamber for digital holographic microscopy of primary neurons in culture. , 2017, , .		3