Pierre-Eric Sautiere

List of Publications by Year
in descending order

33	1,240	331538 21	434063 31
papers	citations	h-index	g-index

33	33	33	1692
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Isolation and Characterization of a New Peroxiredoxin from Poplar Sieve Tubes That Uses Either Glutaredoxin or Thioredoxin as a Proton Donor. Plant Physiology, 2001, 127, 1299-1309.	2.3	204
2	Innate Immune Responses of a Scleractinian Coral to Vibriosis. Journal of Biological Chemistry, 2011, 286, 22688-22698.	1.6	101
3	Association of atp synthase Î±-chain with neurofibrillary degeneration in alzheimerâ€™s disease. Neuroscience, 2003, 117, 293-303.	1.1	97
4	Molecular Characterization of Two Novel Antibacterial Peptides Inducible upon Bacterial Challenge in an Annelid, the Leech Theromyzon tessulatum. Journal of Biological Chemistry, 2004, 279, 30973-30982.	1.6	87
5	Hedistin: A novel antimicrobial peptide containing bromotryptophan constitutively expressed in the NK cells-like of the marine annelid, Nereis diversicolor. Developmental and Comparative Immunology, 2007, 31, 749-762.	1.0	72
6	Characterisation of proteins differentially present in the plasma of Biomphalaria glabrata susceptible or resistant to Echinostoma caproni. International Journal for Parasitology, 2005, 35, 215-224.	1.3	67
7	Evidence for a novel chemotactic C1q domain-containing factor in the leech nerve cord. Molecular Immunology, 2009, 46, 523-531.	1.0	48
8	Proteomic characterisation of leech microglia extracellular vesicles (EVs): comparison between differential ultracentrifugation and Optiprepâ„¢ density gradient isolation. Journal of Extracellular Vesicles, 2019, 8, 1603048.	5.5	48
9	Therostasin, a Novel Clotting Factor Xa Inhibitor from the Rhynchobdellid Leech, Theromyzon tessulatum. Journal of Biological Chemistry, 2000, 275, 32701-32707.	1.6	44
10	Microglia of medicinal leech (Hirudo medicinalis) express a specific activation marker homologous to vertebrate ionized calciumâ€binding adapter molecule 1 (Iba1/alias aifâ€1). Developmental Neurobiology, 2014, 74, 987-1001.	1.5	40
11	Halocyntin and papillosin, two new antimicrobial peptides isolated from hemocytes of the solitary tunicate, Halocynthia papillosa. Journal of Peptide Science, 2009, 15, 48-55.	0.8	38
12	Isolation of microglia-derived extracellular vesicles: towards miRNA signatures and neuroprotection. Journal of Nanobiotechnology, 2019, 17, 119.	4.2	36
13	A homologous form of human interleukin 16 is implicated in microglia recruitment following nervous system injury in leech Hirudo medicinalis. Glia, 2010, 58, 1649-1662.	2.5	35
14	Tau antigenic changes induced by glutamate in rat primary culture model: A biochemical approach. Neuroscience Letters, 1992, 140, 206-210.	1.0	33
15	Up-regulation of Neurohemerythrin Expression in the Central Nervous System of the Medicinal Leech, Hirudo medicinalis, following Septic Injury. Journal of Biological Chemistry, 2004, 279, 43828-43837.	1.6	30
16	Chromatin condensation, cysteine-rich protamine, and establishment of disulphide interprotamine bonds during spermiogenesis of Eledone cirrhosa (Cephalopoda). European Journal of Cell Biology, 2002, 81, 341-349.	1.6	28
17	Proteomics Demonstration That Normal Breast Epithelial Cells Can Induce Apoptosis of Breast Cancer Cells through Insulin-like Growth Factor-binding Protein-3 and Maspin. Molecular and Cellular Proteomics, 2007, 6, 1239-1247.	2.5	27
18	Medicinal Leech CNS as a Model for Exosome Studies in the Crosstalk between Microglia and Neurons. International Journal of Molecular Sciences, 2018, 19, 4124.	1.8	25

#	Article	IF	Citations
19	Identification and characterization of a third thioredoxin h in poplar. Plant Physiology and Biochemistry, 2003, 41, 629-635.	2.8	24
20	Enhancement of Poplar Glutaredoxin Expression by Optimization of the cDNA Sequence. Protein Expression and Purification, 2002, 24, 234-241.	0.6	23
21	Isolation and characterization of an extended thioredoxinhfrom poplar. Physiologia Plantarum, 2002, 114, 165-171.	2.6	22
22	The Leech Nervous System: A Valuable Model to Study the Microglia Involvement in Regenerative Processes. Clinical and Developmental Immunology, 2013, 2013, 1-12.	3.3	20
23	Interaction of HmC1q with leech microglial cells: involvement of C1qBP-related molecule in the induction of cell chemotaxis. Journal of Neuroinflammation, 2012, 9, 37.	3.1	19
24	Proteome modifications of the medicinal leech nervous system under bacterial challenge. Proteomics, 2006, 6, 4817-4825.	1.3	14
25	Calreticulin contributes to C1q-dependent recruitment of microglia in the leech Hirudo medicinalis following a CNS injury. Medical Science Monitor, 2014, 20, 644-653.	0.5	11
26	9-kDa acidic and basic nsLTP-like proteins are secreted in the culture-medium conditioned by somatic embryogenesis in Cichorium. Plant Physiology and Biochemistry, 2002, 40, 339-345.	2.8	10
27	ALK4/5-dependent TGF-Î² signaling contributes to the crosstalk between neurons and microglia following axonal lesion. Scientific Reports, 2019, 9, 6896.	1.6	10
28	Chromatin organization during spermiogenesis inOctopus vulgaris. II: DNA-interacting proteins. Molecular Reproduction and Development, 2004, 68, 232-239.	1.0	9
29	Characterization of a symbiosis- and auxin-regulated glutathione-S-transferase from Eucalyptus globulus roots. Plant Physiology and Biochemistry, 2003, 41, 611-618.	2.8	8
30	Production and uses of e-learning tools for animal biology education at university. , 2019, 86, 63-78.		4
31	General cortical involvement in a late-onset case of Alzheimer disease. Molecular and Chemical Neuropathology, 1993, 18, 213-224.	1.0	3
32	Angiotensin-converting enzyme inhibition studies by natural leech inhibitors by capillary electrophoresis and competition assay. FEBS Journal, 2004, 271, 2101-2106.	0.2	3
33	Photo 3D technology applied to e-Learning tools production for animal biology. , 0, , .		0