

Frank Le Foll

List of Publications by Year in descending order

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34
papers

1,006
citations

567281

15
h-index

434195

31
g-index

34
all docs

34
docs citations

34
times ranked

1604
citing authors

#	ARTICLE	IF	CITATIONS
1	Preferential transfer of mitochondria from endothelial to cancer cells through tunneling nanotubes modulates chemoresistance. <i>Journal of Translational Medicine</i> , 2013, 11, 94.	4.4	359
2	Different Modalities of Intercellular Membrane Exchanges Mediate Cell-to-cell P-glycoprotein Transfers in MCF-7 Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 7374-7387.	3.4	114
3	Consequences of cell-to-cell P-glycoprotein transfer on acquired multidrug resistance in breast cancer: a cell population dynamics model. <i>Biology Direct</i> , 2011, 6, 5.	4.6	54
4	Characterisation of <i>Mytilus edulis</i> hemocyte subpopulations by single cell time-lapse motility imaging. <i>Fish and Shellfish Immunology</i> , 2010, 28, 372-386.	3.6	49
5	Structural and functional analysis of tunneling nanotubes (TnTs) using CW STED and confocal approaches. <i>Biology of the Cell</i> , 2015, 107, 419-425.	2.0	42
6	Electrophysiological effects of various neuroactive steroids on the GABAA receptor in pituitary melanotrope cells. <i>European Journal of Pharmacology</i> , 1997, 331, 303-311.	3.5	38
7	First evidence for a <i>Vibrio</i> strain pathogenic to <i>Mytilus edulis</i> altering hemocyte immune capacities. <i>Developmental and Comparative Immunology</i> , 2016, 57, 107-119.	2.3	33
8	Multiple Modulatory Effects of the Neuroactive Steroid Pregnanolone on GABAAR Receptor in Frog Pituitary Melanotrophs. <i>Journal of Physiology</i> , 1997, 504, 387-400.	2.9	28
9	AN IN VITRO CELL POPULATION DYNAMICS MODEL INCORPORATING CELL SIZE, QUIESCENCE, AND CONTACT INHIBITION. <i>Mathematical Models and Methods in Applied Sciences</i> , 2011, 21, 871-892.	3.3	27
10	Gramicidin-perforated patch revealed depolarizing effect of GABA in cultured frog melanotrophs. <i>Journal of Physiology</i> , 1998, 507, 55-69.	2.9	21
11	Cell tracking and velocimetric parameters analysis as an approach to assess activity of mussel (<i>Mytilus edulis</i>) hemocytes in vitro. <i>Cytotechnology</i> , 2013, 65, 749-758.	1.6	20
12	The multi-xenobiotic resistance (MXR) efflux activity in hemocytes of <i>Mytilus edulis</i> is mediated by an ATP binding cassette transporter of class C (ABCC) principally inducible in eosinophilic granulocytes. <i>Aquatic Toxicology</i> , 2014, 153, 98-109.	4.0	20
13	Neuroendocrine disruption in the shore crab <i>Carcinus maenas</i> : Effects of serotonin and fluoxetine on <i>chh</i> - and <i>mih</i> -gene expression, glycaemia and ecdysteroid levels. <i>Aquatic Toxicology</i> , 2016, 175, 192-204.	4.0	19
14	Infection dynamics of a <i>V. splendidus</i> strain pathogenic to <i>Mytilus edulis</i> : In vivo and in vitro interactions with hemocytes. <i>Fish and Shellfish Immunology</i> , 2017, 70, 515-523.	3.6	18
15	Adenosine Inhibits L- and N-Type Calcium Channels in Pituitary Melanotrophs. Evidence for the Involvement of a G Protein in Calcium Channel Gating. <i>Journal of Neuroendocrinology</i> , 1996, 8, 85-91.	2.6	15
16	Effects of aging on structure and stability of TiO ₂ nanoparticle-containing oil-in-water emulsions. <i>International Journal of Pharmaceutics</i> , 2014, 461, 89-96.	5.2	15
17	2-DE Mapping of the Blue Mussel Gill Proteome: The Usual Suspects Revisited. <i>Proteomes</i> , 2015, 3, 3-41.	3.5	15
18	Cell responses to xenobiotics: Comparison of MCF7 multi-drug- and mussel blood cell multi-xenobiotic-defense mechanisms. <i>Marine Environmental Research</i> , 2004, 58, 209-213.	2.5	14

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19	P-Glycoprotein-Activity Measurements in Multidrug Resistant Cell Lines: Single-Cell versus Single-Well Population Fluorescence Methods. <i>BioMed Research International</i> , 2013, 2013, 1-11.	1.9	13
20	Comparison of viability and phagocytic responses of hemocytes withdrawn from the bivalves <i>Mytilus edulis</i> and <i>Dreissena polymorpha</i> , and exposed to human parasitic protozoa. <i>International Journal for Parasitology</i> , 2020, 50, 75-83.	3.1	13
21	Regulation of volume-sensitive Cl ⁻ channels in multi-drug resistant MCF7 cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 1266-1278.	2.1	12
22	Analysis of a Model for Transfer Phenomena in Biological Populations. <i>SIAM Journal on Applied Mathematics</i> , 2009, 70, 40-62.	1.8	11
23	Use of sperm DNA integrity as a marker for exposure to contamination in <i>Palaemon serratus</i> (Pennant) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 382	11.3	16
24	Rhodamine exclusion activity in primary cultured turbot (<i>Scophthalmus maximus</i>) hepatocytes. <i>Marine Environmental Research</i> , 2002, 54, 443-447.	2.5	8
25	Contribution of changes in the chloride driving force to the fading of <i>GABA</i> in frog melanotrophs. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000, 278, E430-E443.	3.5	7
26	Consequences of acclimation on the resistance to acute thermal stress: Proteomic focus on mussels from pristine site. <i>Marine Environmental Research</i> , 2016, 121, 64-73.	2.5	6
27	Highly polluted life history and acute heat stress, a hazardous mix for blue mussels. <i>Marine Pollution Bulletin</i> , 2018, 135, 594-606.	5.0	6
28	First evidence of cytotoxic effects of human protozoan parasites on zebra mussel (<i>Dreissena</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	2.4	6
29	Centrosome, the Newly Identified Passenger through Tunneling Nanotubes, Increases Binucleation and Proliferation Marker in Receiving Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9680.	4.1	5
30	Multixenobiotic resistance in <i>Mytilus edulis</i> : Molecular and functional characterization of an ABCG2- type transporter in hemocytes and gills. <i>Aquatic Toxicology</i> , 2018, 195, 88-96.	4.0	3
31	Evidence for P-Glycoprotein Involvement in Cell Volume Regulation Using Coulter Sizing in Flow Cytometry. <i>International Journal of Molecular Sciences</i> , 2015, 16, 14318-14337.	4.1	2
32	Direct and indirect P-glycoprotein transfers in MCF7 breast cancer cells. <i>Journal of Theoretical Biology</i> , 2019, 461, 239-253.	1.7	2
33	Pregnane Steroid Modulation of GABAA Receptor in Frog Pituitary Melanotrophs. <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 235-238.	3.8	1
34	Exploring modulation of action potential firing by artificial graft of fast GABAergic autaptic afferences in hypophyseal neuroendocrine melanotrope cells. <i>Journal of Physiology (Paris)</i> , 2010, 104, 99-106.	2.1	0