

François Gannier

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

666
citations

759233

12
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

804
citing authors

#	ARTICLE	IF	CITATIONS
1	The stretch-activated ion channel blocker gadolinium also blocks L-type calcium channels in isolated ventricular myocytes of the guinea-pig. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1994, 1191, 205-208.	2.6	136
2	Streptomycin reverses a large stretch induced increase in $[Ca^{2+}]_i$ in isolated guinea pig ventricular myocytes. <i>Cardiovascular Research</i> , 1994, 28, 1193-1198.	3.8	112
3	Stretch-induced increase of resting intracellular calcium concentration in single guinea-pig ventricular myocytes. <i>Experimental Physiology</i> , 1991, 76, 975-978.	2.0	66
4	Enhanced Expression of Imb Gene Encoding Laminin-Binding Protein in <i>Streptococcus agalactiae</i> Strains Harboring IS1548 in scpB-Imb Intergenic Region. <i>PLoS ONE</i> , 2010, 5, e10794.	2.5	55
5	Evaluation of the Ability of <i>Streptococcus agalactiae</i> Strains Isolated from Genital and Neonatal Specimens To Bind to Human Fibrinogen and Correlation with Characteristics of the fbsA and fbsB Genes. <i>Infection and Immunity</i> , 2007, 75, 1310-1317.	2.2	44
6	Measurements of sarcomere dynamics simultaneously with auxotonic force in isolated cardiac cells. <i>IEEE Transactions on Biomedical Engineering</i> , 1993, 40, 1226-1232.	4.2	42
7	SarcOptiM for ImageJ: high-frequency online sarcomere length computing on stimulated cardiomyocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C277-C283.	4.6	38
8	Automatic quantitative analysis of t-tubule organization in cardiac myocytes using ImageJ. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C237-C245.	4.6	37
9	Gadolinium blocks the delayed rectifier potassium current in isolated guinea-pig ventricular myocytes. <i>Experimental Physiology</i> , 1997, 82, 647-656.	2.0	33
10	A simple method for calibrating collagenase/pronase E ratio to optimize heart cell isolation. <i>Biology of the Cell</i> , 1993, 79, 161-165.	2.0	23
11	Antimony-induced cardiomyopathy in guinea-pig and protection by L-carnitine. <i>British Journal of Pharmacology</i> , 2005, 144, 17-27.	5.4	21
12	Altered heart rate control in transgenic mice carrying the KCNJ6 gene of the human chromosome 21. <i>Physiological Genomics</i> , 2008, 33, 230-239.	2.3	18
13	Roles of PKA, PI3K, and cPLA2 in the NO-mediated negative inotropic effect of β_2 -adrenoceptor agonists in guinea pig right papillary muscles. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 294, C106-C117.	4.6	8
14	A simple method for calibrating collagenase/pronase E ratio to optimize heart cell isolation. <i>Biology of the Cell</i> , 1993, 79, 161-165.	2.0	7
15	Spiky: An ImageJ Plugin for Data Analysis of Functional Cardiac and Cardiomyocyte Studies. <i>Journal of Imaging</i> , 2022, 8, 95.	3.0	7
16	A possible mechanism for large stretch-induced increase in $[Ca^{2+}]_i$ in isolated guinea-pig ventricular myocytes. <i>Cardiovascular Research</i> , 1996, 32, 158-167.	3.8	6
17	Caffeine-induced immobilization of gating charges in isolated guinea-pig ventricular heart cells. <i>British Journal of Pharmacology</i> , 2002, 135, 721-734.	5.4	5
18	HF_IDS_Cam: Fast Video Capture with ImageJ for Real-Time Analysis. <i>Journal of Imaging</i> , 2018, 4, 44.	3.0	5

#	ARTICLE	IF	CITATIONS
19	SarConfoCal: simultaneous sarcomere length and cytoplasmic calcium measurements for laser scanning confocal microscopy images. <i>Bioinformatics</i> , 2016, 33, btw754.	4.1	3
20	A video technique performing on-line sarcomeres dynamics measurements in isolated cardiac cells. <i>Journal of Molecular and Cellular Cardiology</i> , 1992, 24, 47.	1.9	0
21	Dynamic period measurements of biological samples under the microscope: application to muscle cell sarcomeres during contraction. , 1996, , .		0