

# 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	Spiky: An ImageJ Plugin for Data Analysis of Functional Cardiac and Cardiomyocyte Studies. Journal of Imaging, 2022, 8, 95.	3.0	7
2	HF_IDS_Cam: Fast Video Capture with ImageJ for Real-Time Analysis. Journal of Imaging, 2018, 4, 44.	3.0	5
3	SarConfoCal: simultaneous sarcomere length and cytoplasmic calcium measurements for laser scanning confocal microscopy images. Bioinformatics, 2016, 33, btw754.	4.1	3
4	SarcOptiM for ImageJ: high-frequency online sarcomere length computing on stimulated cardiomyocytes. American Journal of Physiology - Cell Physiology, 2016, 311, C277-C283.	4.6	38
5	Automatic quantitative analysis of t-tubule organization in cardiac myocytes using ImageJ. American Journal of Physiology - Cell Physiology, 2015, 308, C237-C245.	4.6	37
6	Enhanced Expression of Imb Gene Encoding Laminin-Binding Protein in Streptococcus agalactiae Strains Harboring IS1548 in scpB-Imb Intergenic Region. PLoS ONE, 2010, 5, e10794.	2.5	55
7	Roles of PKA, PI3K, and cPLA2 in the NO-mediated negative inotropic effect of $\beta_2$ -adrenoceptor agonists in guinea pig right papillary muscles. American Journal of Physiology - Cell Physiology, 2008, 294, C106-C117.	4.6	8
8	Altered heart rate control in transgenic mice carrying the KCNJ6 gene of the human chromosome 21. Physiological Genomics, 2008, 33, 230-239.	2.3	18
9	Evaluation of the Ability of Streptococcus agalactiae Strains Isolated from Genital and Neonatal Specimens To Bind to Human Fibrinogen and Correlation with Characteristics of the fbsA and fbsB Genes. Infection and Immunity, 2007, 75, 1310-1317.	2.2	44
10	Antimony-induced cardiomyopathy in guinea-pig and protection by L -carnitine. British Journal of Pharmacology, 2005, 144, 17-27.	5.4	21
11	Caffeine-induced immobilization of gating charges in isolated guinea-pig ventricular heart cells. British Journal of Pharmacology, 2002, 135, 721-734.	5.4	5
12	Gadolinium blocks the delayed rectifier potassium current in isolated guinea-pig ventricular myocytes. Experimental Physiology, 1997, 82, 647-656.	2.0	33
13	Dynamic period measurements of biological samples under the microscope: application to muscle cell sarcomeres during contraction. , 1996, , .		0
14	A possible mechanism for large stretch-induced increase in $[Ca^{2+}]_i$ in isolated guinea-pig ventricular myocytes. Cardiovascular Research, 1996, 32, 158-167.	3.8	6
15	The stretch-activated ion channel blocker gadolinium also blocks L-type calcium channels in isolated ventricular myocytes of the guinea-pig. Biochimica Et Biophysica Acta - Biomembranes, 1994, 1191, 205-208.	2.6	136
16	Streptomycin reverses a large stretch induced increase in $[Ca^{2+}]_i$ in isolated guinea pig ventricular myocytes. Cardiovascular Research, 1994, 28, 1193-1198.	3.8	112
17	Measurements of sarcomere dynamics simultaneously with auxotonic force in isolated cardiac cells. IEEE Transactions on Biomedical Engineering, 1993, 40, 1226-1232.	4.2	42
18	A simple method for calibrating collagenase/pronase E ratio to optimize heart cell isolation. Biology of the Cell, 1993, 79, 161-165.	2.0	23

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19	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
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	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