

Bernard Fermini

List of Publications by Year in descending order

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33
papers

2,916
citations

304368

22
h-index

454577

30
g-index

38
all docs

38
docs citations

38
times ranked

2137
citing authors

#	ARTICLE	IF	CITATIONS
1	On the perspective of an aging population and its potential impact on drug attrition and pre-clinical cardiovascular safety assessment. <i>Journal of Pharmacological and Toxicological Methods</i> , 2022, 117, 107184.	0.3	5
2	Use of automated patch clamp in cardiac safety assessment: past, present and future perspectives. <i>Journal of Pharmacological and Toxicological Methods</i> , 2021, 110, 107072.	0.3	20
3	Human Cardiac Ventricular-Like Organoid Chambers and Tissue Strips From Pluripotent Stem Cells as a Two-Tiered Assay for Inotropic Responses. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 106, 402-414.	2.3	36
4	Challenges in designing and executing clinical trials in a dish studies. <i>Journal of Pharmacological and Toxicological Methods</i> , 2018, 94, 73-82.	0.3	15
5	Clinical Trials in a Dish: A Perspective on the Coming Revolution in Drug Development. <i>SLAS Discovery</i> , 2018, 23, 765-776.	1.4	49
6	Proarrhythmia liability assessment and the comprehensive in vitro Proarrhythmia Assay (CiPA): An industry survey on current practice. <i>Journal of Pharmacological and Toxicological Methods</i> , 2017, 86, 34-43.	0.3	32
7	Measuring kinetics and potency of hERG block for CiPA. <i>Journal of Pharmacological and Toxicological Methods</i> , 2017, 87, 99-107.	0.3	41
8	Cardiac voltage-gated ion channels in safety pharmacology: Review of the landscape leading to the CiPA initiative. <i>Journal of Pharmacological and Toxicological Methods</i> , 2017, 87, 11-23.	0.3	58
9	L-type calcium channel antagonism – Translation from in vitro to in vivo. <i>Journal of Pharmacological and Toxicological Methods</i> , 2017, 84, 86-92.	0.3	10
10	Computational cardiology and risk stratification for sudden cardiac death: one of the grand challenges for cardiology in the 21st century. <i>Journal of Physiology</i> , 2016, 594, 6893-6908.	1.3	14
11	A New Perspective in the Field of Cardiac Safety Testing through the Comprehensive In Vitro Proarrhythmia Assay Paradigm. <i>Journal of Biomolecular Screening</i> , 2016, 21, 1-11.	2.6	259
12	Deranged sodium to sudden death. <i>Journal of Physiology</i> , 2015, 593, 1331-1345.	1.3	46
13	Use of an in vitro contractility assay to explore cardiac contractility changes observed in an in vivo cardiovascular study. <i>Journal of Pharmacological and Toxicological Methods</i> , 2013, 68, e21.	0.3	0
14	Comparative Gene Expression Profiling in Human-Induced Pluripotent Stem Cell-Derived Cardiocytes and Human and Cynomolgus Heart Tissue. <i>Toxicological Sciences</i> , 2013, 131, 292-301.	1.4	41
15	Pharmacokinetic-pharmacodynamic modelling of the effect of Moxifloxacin on QTc prolongation in telemetered cynomolgus monkeys. <i>Journal of Pharmacological and Toxicological Methods</i> , 2011, 63, 304-313.	0.3	30
16	Species comparison of L-type Ca ²⁺ currents in cardiac myocytes isolated from rat, rabbit, and non-human primate. <i>Journal of Pharmacological and Toxicological Methods</i> , 2011, 64, e5.	0.3	0
17	The use of alternate QRS measurement methods to improve detection of propafenone-induced QRS prolongation. <i>Journal of Pharmacological and Toxicological Methods</i> , 2011, 64, e39.	0.3	0
18	Recent Advances in Ion Channel Screening Technologies. <i>Topics in Medicinal Chemistry</i> , 2008, , 1-25.	0.4	8

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19	Differentiation of Arrhythmia Risk of the Antibacterials Moxifloxacin, Erythromycin, and Telithromycin Based on Analysis of Monophasic Action Potential Duration Alternans and Cardiac Instability. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 352-359.	1.3	49
20	Evaluation of the Rubidium Efflux Assay for Preclinical Identification of hERG Blockade. <i>Assay and Drug Development Technologies</i> , 2006, 4, 73-82.	0.6	37
21	Differential effect of HERG blocking agents on cardiac electrical alternans in the guinea pig. <i>European Journal of Pharmacology</i> , 2004, 486, 209-221.	1.7	68
22	Pre-Clinical Assessment of Drug-Induced QT Interval Prolongation. Current Issues and Impact on Drug Discovery. <i>Annual Reports in Medicinal Chemistry</i> , 2004, 39, 323-334.	0.5	7
23	The impact of drug-induced QT interval prolongation on drug discovery and development. <i>Nature Reviews Drug Discovery</i> , 2003, 2, 439-447.	21.5	444
24	Mechanism of Action Potential Prolongation by RP 58866 and Its Active Enantiomer, Terikalant. <i>Circulation</i> , 1996, 94, 2938-2946.	1.6	47
25	Adrenergic Modulation of Ultrarapid Delayed Rectifier K ⁺ Current in Human Atrial Myocytes. <i>Circulation Research</i> , 1996, 78, 903-915.	2.0	113
26	Use-Dependent Effects of the Class III Antiarrhythmic Agent NE-10064 (Azimilide) on Cardiac Repolarization. <i>Journal of Cardiovascular Pharmacology</i> , 1995, 26, 259-271.	0.8	116
27	Î±-Adrenergic Control of Volume-Regulated Cl ⁻ Currents in Rabbit Atrial Myocytes. <i>Circulation Research</i> , 1995, 77, 379-393.	2.0	79
28	Rapid and slow components of delayed rectifier current in human atrial myocytes. <i>Cardiovascular Research</i> , 1994, 28, 1540-1546.	1.8	218
29	Sustained depolarization-induced outward current in human atrial myocytes. Evidence for a novel delayed rectifier K ⁺ current similar to Kv1.5 cloned channel currents.. <i>Circulation Research</i> , 1993, 73, 1061-1076.	2.0	537
30	Identity of a novel delayed rectifier current from human heart with a cloned K ⁺ channel current.. <i>Circulation Research</i> , 1993, 73, 210-216.	2.0	309
31	Delayed rectifier outward current and repolarization in human atrial myocytes.. <i>Circulation Research</i> , 1993, 73, 276-285.	2.0	180
32	Amiodarone: Pharmacology, Clinical Actions, and Relationships Between Them. <i>Journal of Cardiovascular Electrophysiology</i> , 1992, 3, 266-280.	0.8	38
33	Sialic acid and the surface charge associated with hyperpolarization-activated, inward rectifying channels. <i>Journal of Membrane Biology</i> , 1990, 114, 61-69.	1.0	10