

Andre Monteiro da Rocha

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

830
citations

759233

12
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

1475
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular Matrix-Mediated Maturation of Human Pluripotent Stem Cell-Derived Cardiac Monolayer Structure and Electrophysiological Function. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, e003638.	4.8	206
2	Functional cardiac fibroblasts derived from human pluripotent stem cells via second heart field progenitors. <i>Nature Communications</i> , 2019, 10, 2238.	12.8	125
3	Cardiac Kir2.1 and Na ^v 1.5 Channels Traffic Together to the Sarcolemma to Control Excitability. <i>Circulation Research</i> , 2018, 122, 1501-1516.	4.5	83
4	hiPSC-CM Monolayer Maturation State Determines Drug Responsiveness in High Throughput Pro-Arrhythmia Screen. <i>Scientific Reports</i> , 2017, 7, 13834.	3.3	63
5	Deficient cMyBP-C protein expression during cardiomyocyte differentiation underlies human hypertrophic cardiomyopathy cellular phenotypes in disease specific human ES cell derived cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 99, 197-206.	1.9	52
6	The Relationship Among HOXA10, Estrogen Receptor α , Progesterone Receptor, and Progesterone Receptor B Proteins in Rectosigmoid Endometriosis: A Tissue Microarray Study. <i>Reproductive Sciences</i> , 2015, 22, 31-37.	2.5	46
7	Targeted Reactivation of FMR1 Transcription in Fragile X Syndrome Embryonic Stem Cells. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 282.	2.9	41
8	Follicular Waves in the Human Ovary: A New Physiological Paradigm for Novel Ovarian Stimulation Protocols. <i>Reproductive Sciences</i> , 2010, 17, 1067-1076.	2.5	36
9	Detection of Drug-Induced Torsades de Pointes Arrhythmia Mechanisms Using hiPSC-CM Syncytial Monolayers in a High-Throughput Screening Voltage Sensitive Dye Assay. <i>Toxicological Sciences</i> , 2020, 173, 402-415.	3.1	25
10	In vitro model of ischemic heart failure using human induced pluripotent stem cell-derived cardiomyocytes. <i>JCI Insight</i> , 2021, 6, .	5.0	18
11	Culture Systems: Fluid Dynamic Embryo Culture Systems (Microfluidics). <i>Methods in Molecular Biology</i> , 2012, 912, 355-365.	0.9	16
12	Induced Pluripotent Stem Cells from Human Placental Chorion for Perinatal Tissue Engineering Applications. <i>Tissue Engineering - Part C: Methods</i> , 2014, 20, 731-740.	2.1	15
13	SNTA1 gene rescues ion channel function and is antiarrhythmic in cardiomyocytes derived from induced pluripotent stem cells from muscular dystrophy patients. <i>ELife</i> , 0, 11, .	6.0	14
14	Abnormal myocardial expression of SAP97 is associated with arrhythmogenic risk. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1357-H1370.	3.2	13
15	Paclitaxel mitigates structural alterations and cardiac conduction system defects in a mouse model of Hutchinson-Gilford progeria syndrome. <i>Cardiovascular Research</i> , 2022, 118, 503-516.	3.8	12
16	Loss of Glycogen Synthase Kinase 3 Isoforms During Murine Oocyte Growth Induces Offspring Cardiac Dysfunction. <i>Biology of Reproduction</i> , 2015, 92, 127.	2.7	11
17	Advances in Embryo Culture Systems. <i>Seminars in Reproductive Medicine</i> , 2012, 30, 214-221.	1.1	10
18	A multiscale approach for bridging the gap between potency, efficacy, and safety of small molecules directed at membrane proteins. <i>Scientific Reports</i> , 2021, 11, 16580.	3.3	10

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19	Protein profile of the luteal phase endometrium by tissue microarray assessment. <i>Gynecological Endocrinology</i> , 2009, 25, 587-592.	1.7	9
20	Effect of Glucose on 3D Cardiac Microtissues Derived from Human Induced Pluripotent Stem Cells. <i>Pediatric Cardiology</i> , 2017, 38, 1575-1582.	1.3	8
21	Cardiac phenotype in familial partial lipodystrophy. <i>Clinical Endocrinology</i> , 2021, 94, 1043-1053.	2.4	7
22	Effect of GnRH down-regulation on cumulus cell viability and apoptosis as measured by fluorescence-activated cell sorting. <i>Journal of Assisted Reproduction and Genetics</i> , 2008, 25, 467-471.	2.5	3
23	Laboratory Methods in the Study of Endometrial Claudin-4. <i>Methods in Molecular Biology</i> , 2011, 762, 281-290.	0.9	0