Andre Monteiro da Rocha

List of Publications by Year
in descending order

23 papers	830 citations	758635 12 h-index	713013 21 g-index
26 all docs	26 docs citations	26 times ranked	1475 citing authors

#	Article	IF	Citations
1	Extracellular Matrixâ€“Mediated Maturation of Human Pluripotent Stem Cellâ€“Derived Cardiac Monolayer Structure and Electrophysiological Function. Circulation: Arrhythmia and Electrophysiology, 2016, 9, e003638.	2.1	206
2	Functional cardiac fibroblasts derived from human pluripotent stem cells via second heart field progenitors. Nature Communications, 2019, 10, 2238.	5.8	125
3	Cardiac Kir2.1 and Na _V 1.5 Channels Traffic Together to the Sarcolemma to Control Excitability. Circulation Research, 2018, 122, 1501-1516.	2.0	83
4	hiPSC-CM Monolayer Maturation State Determines Drug Responsiveness in High Throughput Pro-Arrhythmia Screen. Scientific Reports, 2017, 7, 13834.	1.6	63
5	Deficient cMyBP-C protein expression during cardiomyocyte differentiation underlies human hypertrophic cardiomyopathy cellular phenotypes in disease specific human ES cell derived cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2016, 99, 197-206.	0.9	52
6	The Relationship Among HOXA10, Estrogen Receptor Î±, Progesterone Receptor, and Progesterone Receptor B Proteins in Rectosigmoid Endometriosis: A Tissue Microarray Study. Reproductive Sciences, 2015, 22, 31-37.	1.1	46
7	Targeted Reactivation of FMR1 Transcription in Fragile X Syndrome Embryonic Stem Cells. Frontiers in Molecular Neuroscience, 2018, 11, 282.	1.4	41
8	Follicular Waves in the Human Ovary: A New Physiological Paradigm for Novel Ovarian Stimulation Protocols. Reproductive Sciences, 2010, 17, 1067-1076.	1.1	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. Toxicological Sciences, 2020, 173, 402-415.	1.4	25
10	In vitro model of ischemic heart failure using human induced pluripotent stem cellâ€“derived cardiomyocytes. JCI Insight, 2021, 6, .	2.3	18
11	Culture Systems: Fluid Dynamic Embryo Culture Systems (Microfluidics). Methods in Molecular Biology, 2012, 912, 355-365.	0.4	16
12	Induced Pluripotent Stem Cells from Human Placental Chorion for Perinatal Tissue Engineering Applications. Tissue Engineering - Part C: Methods, 2014, 20, 731-740.	1.1	15
13	SNTA1 gene rescues ion channel function and is antiarrhythmic in cardiomyocytes derived from induced pluripotent stem cells from muscular dystrophy patients. ELife, 0, 11, .	2.8	14
14	Abnormal myocardial expression of SAP97 is associated with arrhythmogenic risk. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H1357-H1370.	1.5	13
15	Paclitaxel mitigates structural alterations and cardiac conduction system defects in a mouse model of Hutchinsonâ€“Gilford progeria syndrome. Cardiovascular Research, 2022, 118, 503-516.	1.8	12
16	Loss of Glycogen Synthase Kinase 3 Isoforms During Murine Oocyte Growth Induces Offspring Cardiac Dysfunction1. Biology of Reproduction, 2015, 92, 127.	1.2	11
17	Advances in Embryo Culture Systems. Seminars in Reproductive Medicine, 2012, 30, 214-221.	0.5	10
18	A multiscale approach for bridging the gap between potency, efficacy, and safety of small molecules directed at membrane proteins. Scientific Reports, 2021, 11, 16580.	1.6	10

#	Article	IF	Citations
19	Protein profile of the luteal phase endometrium by tissue microarray assessment. Gynecological Endocrinology, 2009, 25, 587-592.	0.7	9
20	Effect of Glucose on 3D Cardiac Microtissues Derived fromÂHuman Induced Pluripotent Stem Cells. Pediatric Cardiology, 2017, 38, 1575-1582.	0.6	8
21	Cardiac phenotype in familial partial lipodystrophy. Clinical Endocrinology, 2021, 94, 1043-1053.	1.2	7
22	Effect of GnRH down-regulation on cumulus cell viability and apoptosis as measured by fluorescence-activated cell sorting. Journal of Assisted Reproduction and Genetics, 2008, 25, 467-471.	1.2	3
23	Laboratory Methods in the Study of Endometrial Claudin-4. Methods in Molecular Biology, 2011, 762, 281-290.	0.4	0