Alessandra Rossini

List of Publications by Year
in descending order

46 papers	1,254 citations	361296 20 h-index	360920 35 g-index
49 all docs	49 docs citations	49 times ranked	2494 citing authors

#	Article	IF	Citations
1	GCN5 contributes to intracellular lipid accumulation in human primary cardiac stromal cells from patients affected by Arrhythmogenic cardiomyopathy. Journal of Cellular and Molecular Medicine, 2022, 26, 3687-3701.	1.6	3
2	Metabolic Signature of Arrhythmogenic Cardiomyopathy. Metabolites, 2021, 11, 195.	1.3	5
3	A detailed characterization of the hyperpolarization-activated â€œfunnyâ€•current (If) in human-induced pluripotent stem cell (iPSC)â€"derived cardiomyocytes with pacemaker activity. Pflugers Archiv European Journal of Physiology, 2021, 473, 1009-1021.	1.3	18
4	Generation of human induced pluripotent stem cell line EURACi006-A and its isogenic gene-corrected line EURACi006-A-1 from an arrhythmogenic cardiomyopathy patient carrying the c.1643delG PKP2 mutation. Stem Cell Research, 2021, 54, 102426.	0.3	0
5	Generation and characterization of three human induced pluripotent stem cell lines (EURACi007-A,) Tj ETQq1 1 0.784314 rgBT /Overl cardiomyopathy (ACM) carrying the plakophillin2 p.N346Lfs*12 mutation. Stem Cell Research, 2021, 55, 102466.	0.3	1
6	Oxidized LDLâ€dependent pathway as new pathogenic trigger in arrhythmogenic cardiomyopathy. EMBO Molecular Medicine, 2021, 13, e14365.	3.3	16
7	Genetic and Metabolic Determinants of Atrial Fibrillation in a General Population Sample: The CHRIS Study. Biomolecules, 2021, 11, 1663.	1.8	5
8	Alginate Formulations: Current Developments in the Race for Hydrogel-Based Cardiac Regeneration. Frontiers in Bioengineering and Biotechnology, 2020, 8, 414.	2.0	69
9	Silencing of CCR4-NOT complex subunits affect heart structure and function. DMM Disease Models and Mechanisms, 2020, 13, .	1.2	18
10	Lipidomics, Atrial Conduction, and Body Mass Index. Circulation Genomic and Precision Medicine, 2019, 12, e002384.	1.6	9
11	Subchronic exposure to titanium dioxide nanoparticles modifies cardiac structure and performance in spontaneously hypertensive rats. Particle and Fibre Toxicology, 2019, 16, 25.	2.8	32
12	The Histone Deacetylase Inhibitor Suberoylanilide Hydroxamic Acid (SAHA) Restores Cardiomyocyte Contractility in a Rat Model of Early Diabetes. International Journal of Molecular Sciences, 2019, 20, 1873.	1.8	15
13	Effects of smoking status, history and intensity on heart rate variability in the general population: The CHRIS study. PLoS ONE, 2019, 14, e0215053.	1.1	33
14	Microbiota, type 2 diabetes and non-alcoholic fatty liver disease: protocol of an observational study. Journal of Translational Medicine, 2019, 17, 408.	1.8	7
15	KCND3 potassium channel gene variant confers susceptibility to electrocardiographic early repolarization pattern. JCI Insight, 2019, 4, .	2.3	15
16	Are Requirements to Deposit Data in Research Repositories Compatible With the European Union's General Data Protection Regulation?. Annals of Internal Medicine, 2019, 170, 332.	2.0	27
17	Generation of human induced pluripotent stem cells (EURACi001-A, EURACi002-A, EURACi003-A) from peripheral blood mononuclear cells of three patients carrying mutations in the CAV3 gene. Stem Cell Research, 2018, 27, 25-29.	0.3	4
18	Phase-contrast microtomography: are the tracers necessary for stem cell tracking in infarcted hearts?. Biomedical Physics and Engineering Express, 2018, 4, 055008.	0.6	2

#	Article	IF	Citations
19	Derivation of human induced pluripotent stem cell line EURACi004-A from skin fibroblasts of a patient with Arrhythmogenic Cardiomyopathy carrying the heterozygous PKP2 mutation c.2569_3018del50. Stem Cell Research, 2018, 32, 78-82.	0.3	2
20	The arrhythmogenic cardiomyopathy-specific coding and non-coding transcriptome in human cardiac stromal cells. BMC Genomics, 2018, 19, 491.	1.2	21
21	HDAC Inhibition Improves the Sarcoendoplasmic Reticulum Ca2+-ATPase Activity in Cardiac Myocytes. International Journal of Molecular Sciences, 2018, 19, 419.	1.8	21
22	Exploring digenic inheritance in arrhythmogenic cardiomyopathy. BMC Medical Genetics, 2017, 18, 145.	2.1	14
23	The Impact of CRISPR/Cas9 Technology on Cardiac Research: From Disease Modelling to Therapeutic Approaches. Stem Cells International, 2017, 2017, 1-13.	1.2	36
24	Higher cardiogenic potential of iPSCs derived from cardiac versus skin stromal cells. Frontiers in Bioscience - Landmark, 2016, 21, 719-743.	3.0	13
25	Anacardic acid and thyroid hormone enhance cardiomyocytes production from undifferentiated mouse ES cells along functionally distinct pathways. Endocrine, 2016, 53, 681-688.	1.1	7
26	Cardiac mesenchymal stromal cells are a source of adipocytes in arrhythmogenic cardiomyopathy. European Heart Journal, 2016, 37, 1835-1846.	1.0	83
27	The Cooperative Health Research in South Tyrol (CHRIS) study: rationale, objectives, and preliminary results. Journal of Translational Medicine, 2015, 13, 348.	1.8	63
28	MicroRNAs in Cardiac Regeneration. , 2015, , 917-942.		1
29	Generation of Induced Pluripotent Stem Cells from Frozen Buffy Coats using Non-integrating Episomal Plasmids. Journal of Visualized Experiments, 2015, , e52885.	0.2	17
30	Acetylation mediates Cx43 reduction caused by electrical stimulation. Journal of Molecular and Cellular Cardiology, 2015, 87, 54-64.	0.9	15
31	Syngeneic Cardiac and Bone Marrow Stromal Cells Display Tissue-Specific microRNA Signatures and microRNA Subsets Restricted to Diverse Differentiation Processes. PLoS ONE, 2014, 9, e107269.	1.1	6
32	microRNAs and Cardiac Cell Fate. Cells, 2014, 3, 802-823.	1.8	38
33	The Histone Acetylase Activator Pentadecylidenemalonate 1b Rescues Proliferation and Differentiation in the Human Cardiac Mesenchymal Cells of Type 2 Diabetic Patients. Diabetes, 2014, 63, 2132-2147.	0.3	66
34	Abstract 13799: Electrical Pacing Inhibits Gap Junction-Mediated Cardiac Cell -Cell Communication by Promoting Cx43-Acetylation. Circulation, 2014, 130, .	1.6	0
35	Human chorionic villus mesenchymal stromal cells reveal strong endothelial conversion properties. Differentiation, 2012, 83, 260-270.	1.0	26
36	In Vitro Epigenetic Reprogramming of Human Cardiac Mesenchymal Stromal Cells into Functionally Competent Cardiovascular Precursors. PLoS ONE, 2012, 7, e51694.	1.1	30

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37	High-resolution X-ray microtomography for three-dimensional imaging of cardiac progenitor cell homing in infarcted rat hearts. Journal of Tissue Engineering and Regenerative Medicine, 2011, 5, e168-e178.	1.3	23
38	Human cardiac and bone marrow stromal cells exhibit distinctive properties related to their origin. Cardiovascular Research, 2011, 89, 650-660.	1.8	114
39	HMGB1-stimulated human primary cardiac fibroblasts exert a paracrine action on human and murine cardiac stem cells. Journal of Molecular and Cellular Cardiology, 2008, 44, 683-693.	0.9	97
40	H + Ion Activation and Inactivation of the Ventricular Gap Junction. Circulation Research, 2007, 100, 1045-1054.	2.0	36
41	Abstract 1015: Human Heart Contains A Stem Cell Population With Mesenchymal Properties. Circulation, 2007, 116, .	1.6	0
42	pH-Regulated Na+ Influx into the Mammalian Ventricular Myocyte: The Relative Role of Na+-H+ Exchange and Na+-HCO3- Co-Transport. Journal of Cardiovascular Electrophysiology, 2006, 17, S134-S140.	0.8	44
43	Functional diversity of electrogenic Na+-HCO3â^’cotransport in ventricular myocytes from rat, rabbit and guinea pig. Journal of Physiology, 2005, 562, 455-475.	1.3	65
44	Modelling intracellular H+ ion diffusion. Progress in Biophysics and Molecular Biology, 2003, 83, 69-100.	1.4	55
45	Intracellular proton mobility and buffering power in cardiac ventricular myocytes from rat, rabbit, and guinea pig. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H1236-H1246.	1.5	51
46	Proton Permeation Through the Myocardial Gap Junction. Circulation Research, 2003, 93, 726-735.	2.0	30