

Alessandra Rossini

List of Publications by Year in descending order

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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	Human cardiac and bone marrow stromal cells exhibit distinctive properties related to their origin. <i>Cardiovascular Research</i> , 2011, 89, 650-660.	1.8	114
2	HMGBl-stimulated human primary cardiac fibroblasts exert a paracrine action on human and murine cardiac stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 44, 683-693.	0.9	97
3	Cardiac mesenchymal stromal cells are a source of adipocytes in arrhythmogenic cardiomyopathy. <i>European Heart Journal</i> , 2016, 37, 1835-1846.	1.0	83
4	Alginate Formulations: Current Developments in the Race for Hydrogel-Based Cardiac Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 414.	2.0	69
5	The Histone Acetylase Activator Pentadecylidenemalonate 1b Rescues Proliferation and Differentiation in the Human Cardiac Mesenchymal Cells of Type 2 Diabetic Patients. <i>Diabetes</i> , 2014, 63, 2132-2147.	0.3	66
6	Functional diversity of electrogenic Na ⁺ -HCO ₃ ⁻ cotransport in ventricular myocytes from rat, rabbit and guinea pig. <i>Journal of Physiology</i> , 2005, 562, 455-475.	1.3	65
7	The Cooperative Health Research in South Tyrol (CHRIS) study: rationale, objectives, and preliminary results. <i>Journal of Translational Medicine</i> , 2015, 13, 348.	1.8	63
8	Modelling intracellular H ⁺ ion diffusion. <i>Progress in Biophysics and Molecular Biology</i> , 2003, 83, 69-100.	1.4	55
9	Intracellular proton mobility and buffering power in cardiac ventricular myocytes from rat, rabbit, and guinea pig. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H1236-H1246.	1.5	51
10	pH-Regulated Na ⁺ Influx into the Mammalian Ventricular Myocyte: The Relative Role of Na ⁺ -H ⁺ Exchange and Na ⁺ -HCO ₃ ⁻ Co-Transport. <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, S134-S140.	0.8	44
11	microRNAs and Cardiac Cell Fate. <i>Cells</i> , 2014, 3, 802-823.	1.8	38
12	H ⁺ Ion Activation and Inactivation of the Ventricular Gap Junction. <i>Circulation Research</i> , 2007, 100, 1045-1054.	2.0	36
13	The Impact of CRISPR/Cas9 Technology on Cardiac Research: From Disease Modelling to Therapeutic Approaches. <i>Stem Cells International</i> , 2017, 2017, 1-13.	1.2	36
14	Effects of smoking status, history and intensity on heart rate variability in the general population: The CHRIS study. <i>PLoS ONE</i> , 2019, 14, e0215053.	1.1	33
15	Subchronic exposure to titanium dioxide nanoparticles modifies cardiac structure and performance in spontaneously hypertensive rats. <i>Particle and Fibre Toxicology</i> , 2019, 16, 25.	2.8	32
16	Proton Permeation Through the Myocardial Gap Junction. <i>Circulation Research</i> , 2003, 93, 726-735.	2.0	30
17	In Vitro Epigenetic Reprogramming of Human Cardiac Mesenchymal Stromal Cells into Functionally Competent Cardiovascular Precursors. <i>PLoS ONE</i> , 2012, 7, e51694.	1.1	30
18	Are Requirements to Deposit Data in Research Repositories Compatible With the European Union's General Data Protection Regulation?. <i>Annals of Internal Medicine</i> , 2019, 170, 332.	2.0	27

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19	Human chorionic villus mesenchymal stromal cells reveal strong endothelial conversion properties. <i>Differentiation</i> , 2012, 83, 260-270.	1.0	26
20	High-resolution X-ray microtomography for three-dimensional imaging of cardiac progenitor cell homing in infarcted rat hearts. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, e168-e178.	1.3	23
21	The arrhythmogenic cardiomyopathy-specific coding and non-coding transcriptome in human cardiac stromal cells. <i>BMC Genomics</i> , 2018, 19, 491.	1.2	21
22	HDAC Inhibition Improves the Sarcoendoplasmic Reticulum Ca ²⁺ -ATPase Activity in Cardiac Myocytes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 419.	1.8	21
23	Silencing of CCR4-NOT complex subunits affect heart structure and function. <i>DMM Disease Models and Mechanisms</i> , 2020, 13, .	1.2	18
24	A detailed characterization of the hyperpolarization-activated I_f current in human-induced pluripotent stem cell (iPSC)-derived cardiomyocytes with pacemaker activity. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 1009-1021.	1.3	18
25	Generation of Induced Pluripotent Stem Cells from Frozen Buffy Coats using Non-integrating Episomal Plasmids. <i>Journal of Visualized Experiments</i> , 2015, , e52885.	0.2	17
26	Oxidized LDL-dependent pathway as new pathogenic trigger in arrhythmogenic cardiomyopathy. <i>EMBO Molecular Medicine</i> , 2021, 13, e14365.	3.3	16
27	Acetylation mediates Cx43 reduction caused by electrical stimulation. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 87, 54-64.	0.9	15
28	The Histone Deacetylase Inhibitor Suberoylanilide Hydroxamic Acid (SAHA) Restores Cardiomyocyte Contractility in a Rat Model of Early Diabetes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1873.	1.8	15
29	KCND3 potassium channel gene variant confers susceptibility to electrocardiographic early repolarization pattern. <i>JCI Insight</i> , 2019, 4, .	2.3	15
30	Exploring digenic inheritance in arrhythmogenic cardiomyopathy. <i>BMC Medical Genetics</i> , 2017, 18, 145.	2.1	14
31	Higher cardiogenic potential of iPSCs derived from cardiac versus skin stromal cells. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 719-743.	3.0	13
32	Lipidomics, Atrial Conduction, and Body Mass Index. <i>Circulation Genomic and Precision Medicine</i> , 2019, 12, e002384.	1.6	9
33	Anacardic acid and thyroid hormone enhance cardiomyocytes production from undifferentiated mouse ES cells along functionally distinct pathways. <i>Endocrine</i> , 2016, 53, 681-688.	1.1	7
34	Microbiota, type 2 diabetes and non-alcoholic fatty liver disease: protocol of an observational study. <i>Journal of Translational Medicine</i> , 2019, 17, 408.	1.8	7
35	Syngeneic Cardiac and Bone Marrow Stromal Cells Display Tissue-Specific microRNA Signatures and microRNA Subsets Restricted to Diverse Differentiation Processes. <i>PLoS ONE</i> , 2014, 9, e107269.	1.1	6
36	Metabolic Signature of Arrhythmogenic Cardiomyopathy. <i>Metabolites</i> , 2021, 11, 195.	1.3	5

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37	Genetic and Metabolic Determinants of Atrial Fibrillation in a General Population Sample: The CHRIS Study. <i>Biomolecules</i> , 2021, 11, 1663.	1.8	5
38	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. <i>Stem Cell Research</i> , 2018, 27, 25-29.	0.3	4
39	GCN5 contributes to intracellular lipid accumulation in human primary cardiac stromal cells from patients affected by Arrhythmogenic cardiomyopathy. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 3687-3701.	1.6	3
40	Phase-contrast microtomography: are the tracers necessary for stem cell tracking in infarcted hearts?. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 055008.	0.6	2
41	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. <i>Stem Cell Research</i> , 2018, 32, 78-82.	0.3	2
42	MicroRNAs in Cardiac Regeneration. , 2015, , 917-942.		1
43	Generation and characterization of three human induced pluripotent stem cell lines (EURACi007-A,) Tj ETQq1 1 0.784314 rgBT /Overl cardiomyopathy (ACM) carrying the plakophilin2 p.N346Lfs*12 mutation. <i>Stem Cell Research</i> , 2021, 55, 102466.	0.3	1
44	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. <i>Stem Cell Research</i> , 2021, 54, 102426.	0.3	0
45	Abstract 1015: Human Heart Contains A Stem Cell Population With Mesenchymal Properties. <i>Circulation</i> , 2007, 116, .	1.6	0
46	Abstract 13799: Electrical Pacing Inhibits Gap Junction-Mediated Cardiac Cell -Cell Communication by Promoting Cx43-Acetylation. <i>Circulation</i> , 2014, 130, .	1.6	0