Isotta Chimenti

List of Publications by Year
in descending order

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79	3,095	218381	161609
papers	citations	26 h-index	54 g-index

80	80	80	4706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The impact of autophagy modulation on phenotype and survival of cardiac stromal cells under metabolic stress. Cell Death Discovery, 2022, 8, 149.	2.0	2
2	Aging-Related Decline of Autophagy in Patients with Atrial Fibrillationâ€"A Post Hoc Analysis of the ATHERO-AF Study. Antioxidants, 2022, 11, 698.	2.2	5
3	The dynamic facets of the cardiac stroma: from classical markers to omics and translational perspectives.. American Journal of Translational Research (discontinued), 2022, 14, 1172-1187.	0.0	0
4	Sex-Related Differences in Oxidative, Platelet, and Vascular Function in Chronic Users of Heat-not-Burn vs. Traditional Combustion Cigarettes. Antioxidants, 2022, 11, 1237.	2.2	1
5	Reduction of Cardiac Fibrosis by Interference With YAP-Dependent Transactivation. Circulation Research, 2022, 131, 239-257.	2.0	26
6	Impact of chronic use of heat-not-burn cigarettes on oxidative stress, endothelial dysfunction and platelet activation: the SUR-VAPES Chronic Study. Thorax, 2021, 76, 618-620.	2.7	22
7	A snapshot global survey on side effects of COVID-19 vaccines among healthcare professionals and armed forces with a focus on headache. Panminerva Medica, 2021, 63, 324-331.	0.2	8
8	Editorial: Fibrosis and Inflammation in Tissue Pathophysiology. Frontiers in Physiology, 2021, 12, 830683.	1.3	6
9	Pharmacological restoration of autophagy reduces hypertension-related stroke occurrence. Autophagy, 2020, 16, 1468-1481.	4.3	60
10	Building an Artificial Cardiac Microenvironment: A Focus on the Extracellular Matrix. Frontiers in Cell and Developmental Biology, 2020, 8, 559032.	1.8	19
11	Inhibition of miRâ€155 Attenuates Detrimental Vascular Effects of Tobacco Cigarette Smoking. Journal of the American Heart Association, 2020, 9, e017000.	1.6	11
12	The Microenvironment of Decellularized Extracellular Matrix from Heart Failure Myocardium Alters the Balance between Angiogenic and Fibrotic Signals from Stromal Primitive Cells. International Journal of Molecular Sciences, 2020, 21, 7903.	1.8	16
13	Profiling the Acute Effects of Modified Risk Products: Evidence from the SUR-VAPES (Sapienza) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Current Atherosclerosis Reports, 2020, 22, 8.	2.0	17
14	Open Challenges and New Perspectives in Cardiac Regenerative Medicine. Current Stem Cell Research and Therapy, 2020, 15, 647-648.	0.6	0
15	Meet Our Associate Editorial Board Member. Current Stem Cell Research and Therapy, 2019, 14, 373-373.	0.6	0
16	On the Road to Regeneration: â€œToolsâ€•and â€œRoutesâ€•Towards Efficient Cardiac Cell Therapy for Ischemic Cardiomyopathy. Current Cardiology Reports, 2019, 21, 133.	1.3	12
17	Oral Plaque from Type 2 Diabetic Patients Reduces the Clonogenic Capacity of Dental Pulp-Derived Mesenchymal Stem Cells. Stem Cells International, 2019, 2019, 1-7.	1.2	5
18	Automated Segmentation of Fluorescence Microscopy Images for 3D Cell Detection in human-derived Cardiospheres. Scientific Reports, 2019, 9, 6644.	1.6	44

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19	Acute Effects of Heatâ€Notâ€Burn, Electronic Vaping, and Traditional Tobacco Combustion Cigarettes: The Sapienza University of Romeâ€Vascular Assessment of Proatherosclerotic Effects of Smoking (SURâ€VAPES) 2 Randomized Trial. Journal of the American Heart Association, 2019, 8, e010455.	1.6	112
20	Cardiac Progenitor Cells: The Matrix Has You. Stem Cells Translational Medicine, 2018, 7, 506-510.	1.6	8
21	Beta2-adrenergic signaling affects the phenotype of human cardiac progenitor cells through EMT modulation. Pharmacological Research, 2018, 127, 41-48.	3.1	20
22	Î²â€adrenergic receptors and cardiac progenitor cell biology: What is the real connection?. Journal of Cellular Biochemistry, 2018, 119, 7125-7126.	1.2	0
23	The Biological Mechanisms of Action of Cardiac Progenitor Cell Therapy. Current Cardiology Reports, 2018, 20, 84.	1.3	19
24	Cell-Derived Exosomes for Cardiovascular Therapies. Hypertension, 2018, 72, 279-280.	1.3	3
25	Predictors of oxidative stress and vascular function in an experimental study of tobacco versus electronic cigarettes: A post hoc analysis of the SUR-VAPES 1 Study. Tobacco Induced Diseases, 2018, 16, 18.	0.3	15
26	Cytoprotective and Antioxidant Effects of Steen Solution on Human Lung Spheroids and Human Endothelial Cells. American Journal of Transplantation, 2017, 17, 1885-1894.	2.6	21
27	Cardiac Recovery During Long-Term LVAD. Journal of the American College of Cardiology, 2017, 69, 1880-1881.	1.2	2
28	Stem Cell Spheroids and Ex Vivo Niche Modeling: Rationalization and Scaling-Up. Journal of Cardiovascular Translational Research, 2017, 10, 150-166.	1.1	30
29	Histone acetylation favours the cardiovascular commitment of adipose tissue-derived stromal cells. International Journal of Cardiology, 2017, 243, 421-423.	0.8	3
30	An overview of the inflammatory signalling mechanisms in the myocardium underlying the development of diabetic cardiomyopathy. Cardiovascular Research, 2017, 113, 378-388.	1.8	164
31	Cardiac Mechanoperception: A Life-Long Story from Early Beats to Aging and Failure. Stem Cells and Development, 2017, 26, 77-90.	1.1	26
32	Human Lung Spheroids as In Vitro Niches of Lung Progenitor Cells with Distinctive Paracrine and Plasticity Properties. Stem Cells Translational Medicine, 2017, 6, 767-777.	1.6	23
33	EMT/MET at the Crossroad of Stemness, Regeneration and Oncogenesis: The Ying-Yang Equilibrium Recapitulated in Cell Spheroids. Cancers, 2017, 9, 98.	1.7	62
34	Getting Old through the Blood: Circulating Molecules in Aging and Senescence of Cardiovascular Regenerative Cells. Frontiers in Cardiovascular Medicine, 2017, 4, 62.	1.1	19
35	A Review of the Molecular Mechanisms Underlying the Development and Progression of Cardiac Remodeling. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-16.	1.9	294
36	Sex Differences of Human Cardiac Progenitor Cells in the Biological Response to TNF-Î± Treatment. Stem Cells International, 2017, 2017, 1-9.	1.2	5

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37	The Impact of Environmental Factors in Influencing Epigenetics Related to Oxidative States in the Cardiovascular System. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-18.	1.9	27
38	Normal versus Pathological Cardiac Fibroblast-Derived Extracellular Matrix Differentially Modulates Cardiosphere-Derived Cell Paracrine Properties and Commitment. Stem Cells International, 2017, 2017, 1-9.	1.2	19
39	Exosomes isolation protocols facts and artifacts for cardiac regeneration. Frontiers in Bioscience - Scholar, 2016, 8, 303-311.	0.8	11
40	Role of NOX2 in mediating doxorubicin-induced senescence in human endothelial progenitor cells. Mechanisms of Ageing and Development, 2016, 159, 37-43.	2.2	33
41	Acute Impact of Tobacco vs Electronic Cigarette Smoking on Oxidative Stress and Vascular Function. Chest, 2016, 150, 606-612.	0.4	292
42	The adipose tissue of origin influences the biological potential of human adipose stromal cells isolated from mediastinal and subcutaneous fat depots. Stem Cell Research, 2016, 17, 342-351.	0.3	27
43	Î²-blockers treatment of cardiac surgery patients enhances isolation and improves phenotype of cardiosphere-derived cells. Scientific Reports, 2016, 6, 36774.	1.6	31
44	Cardiosphere Conditioned Media Influence the Plasticity of Human Mediastinal Adipose Tissue-Derived Mesenchymal Stem Cells. Cell Transplantation, 2015, 24, 2307-2322.	1.2	25
45	An International Survey on Taking Up a Career in Cardiovascular Research: Opportunities and Biases toward Would-Be Physician-Scientists. PLoS ONE, 2015, 10, e0131900.	1.1	2
46	State of the Art on the Evidence Base in Cardiac Regenerative Therapy: Overview of 41 Systematic Reviews. BioMed Research International, 2015, 2015, 1-7.	0.9	27
47	The Potential of GMP-Compliant Platelet Lysate to Induce a Permissive State for Cardiovascular Transdifferentiation in Human Mediastinal Adipose Tissue-Derived Mesenchymal Stem Cells. BioMed Research International, 2015, 2015, 1-10.	0.9	16
48	New Insights into the Steen Solution Properties: Breakthrough in Antioxidant Effects via NOX2 Downregulation. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-10.	1.9	25
49	Epicatechin and Catechin Modulate Endothelial Activation Induced by Platelets of Patients with Peripheral Artery Disease. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-9.	1.9	29
50	Circulating tumor cells. Cancer Biology and Therapy, 2014, 15, 496-503.	1.5	40
51	Long-Term Home Noninvasive Mechanical Ventilation Increases Systemic Inflammatory Response in Chronic Obstructive Pulmonary Disease: A Prospective Observational Study. Mediators of Inflammation, 2014, 2014, 1-11.	1.4	9
52	Total Adiponectin Is Inversely Associated with Platelet Activation and CHA₂DS₂-VASc Score in Anticoagulated Patients with Atrial Fibrillation. Mediators of Inflammation, 2014, 2014, 1-6.	1.4	19
53	Serum and supplement optimization for <scp>EU GMP</scp>â€compliance in cardiospheres cell culture. Journal of Cellular and Molecular Medicine, 2014, 18, 624-634.	1.6	41
54	Biologic Therapy for Psoriatic Arthritis or Moderate to Severe Plaque Psoriasis: Systematic Review with Pairwise and Network Meta-Analysis. International Journal of Statistics in Medical Research, 2014, 3, 74-87.	0.5	5

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55	Comparative Risk-Benefit Analysis of Different Classes of Biologic Agents in Patients with Psoriasis: A Case Study on the Pros and Cons of Mixed Treatment Comparison in Synthesizing Complex Evidence Networks. International Journal of Statistics in Medical Research, 2014, 3, 231-247.	0.5	0
56	Circulating tumor cells in metastatic colorectal cancer: do we need an alternative cutoff?. Journal of Cancer Research and Clinical Oncology, 2013, 139, 1411-1416.	1.2	30
57	Biochemistry and biology: Heart-to-heart to investigate cardiac progenitor cells. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2459-2469.	1.1	7
58	Analysis of Pregnancy-Associated Plasma Protein A Production in Human Adult Cardiac Progenitor Cells. BioMed Research International, 2013, 2013, 1-8.	0.9	15
59	A Novel Closed-Chest Porcine Model of Chronic Ischemic Heart Failure Suitable for Experimental Research in Cardiovascular Disease. BioMed Research International, 2013, 2013, 1-8.	0.9	8
60	Functional Impairment of Human Resident Cardiac Stem Cells by the Cardiotoxic Antineoplastic Agent Trastuzumab. Stem Cells Translational Medicine, 2012, 1, 289-297.	1.6	36
61	From Ontogenesis to Regeneration. Progress in Molecular Biology and Translational Science, 2012, 111, 109-137.	0.9	22
62	Isolation and Expansion of Adult Cardiac Stem/Progenitor Cells in the Form of Cardiospheres from Human Cardiac Biopsies and Murine Hearts. Methods in Molecular Biology, 2012, 879, 327-338.	0.4	57
63	TGFÎ²-Dependent Epithelial-to-Mesenchymal Transition Is Required to Generate Cardiospheres from Human Adult Heart Biopsies. Stem Cells and Development, 2012, 21, 3081-3090.	1.1	34
64	Bone marrowâ€derived cells can acquire cardiac stem cells properties in damaged heart. Journal of Cellular and Molecular Medicine, 2011, 15, 63-71.	1.6	26
65	Human cardiosphere-seeded gelatin and collagen scaffolds as cardiogenic engineered bioconstructs. Biomaterials, 2011, 32, 9271-9281.	5.7	59
66	Cardiac Cell Therapy: The Next (Re)Generation. Stem Cell Reviews and Reports, 2011, 7, 1018-1030.	5.6	28
67	Evidence for the Existence of Resident Cardiac Stem Cells. , 2011, , 131-147.		0
68	Thrombin and thrombin-derived peptides promote proliferation of cardiac progenitor cells in the form of cardiospheres without affecting their differentiation potential. Journal of Biological Regulators and Homeostatic Agents, 2011, 25, S43-51.	0.7	9
69	Cardiospheres and tissue engineering for myocardial regeneration: potential for clinical application. Journal of Cellular and Molecular Medicine, 2010, 14, no-no.	1.6	30
70	Identification and functionality of proteomes secreted by rat cardiac stem cells and neonatal cardiomyocytes. Proteomics, 2010, 10, 245-253.	1.3	98
71	Relative Roles of Direct Regeneration Versus Paracrine Effects of Human Cardiosphere-Derived Cells Transplanted Into Infarcted Mice. Circulation Research, 2010, 106, 971-980.	2.0	609
72	c-kit cardiac progenitor cells: What is their potential?. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, E78; author reply E79.	3.3	8

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73	Differentiation of human adult cardiac stem cells exposed to extremely low-frequency electromagnetic fields. Cardiovascular Research, 2009, 82, 411-420.	1.8	104
74	New Perspectives to Repair a Broken Heart. Cardiovascular and Hematological Agents in Medicinal Chemistry, 2009, 7, 91-107.	0.4	26
75	Human cardiac progenitor cells secrete paracrine factors in vitro and in vivo. Journal of Molecular and Cellular Cardiology, 2008, 44, 802-803.	0.9	0
76	Ion Cyclotron Resonance as a Tool in Regenerative Medicine. Electromagnetic Biology and Medicine, 2008, 27, 127-133.	0.7	34
77	Cardiac stem cells: isolation, expansion and experimental use for myocardial regeneration. Nature Clinical Practice Cardiovascular Medicine, 2007, 4, S9-S14.	3.3	94
78	Innovative In Vitro Models for the Study of Lung Diseases. , 0, , .		1
79	Bridging regenerative medicine based therapies into the 21st Century: solo or symphony?. International Archive of Medicine, 0, , .	1.2	1