

Elisa Messina

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

5,510
citations

201385

27
h-index

149479

56
g-index

60
all docs

60
docs citations

60
times ranked

5460
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction of Cardiac Fibrosis by Interference With YAP-Dependent Transactivation. <i>Circulation Research</i> , 2022, 131, 239-257.	2.0	26
2	Building an Artificial Cardiac Microenvironment: A Focus on the Extracellular Matrix. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 559032.	1.8	19
3	The Microenvironment of Decellularized Extracellular Matrix from Heart Failure Myocardium Alters the Balance between Angiogenic and Fibrotic Signals from Stromal Primitive Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7903.	1.8	16
4	When Stiffness Matters: Mechanosensing in Heart Development and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 334.	1.8	50
5	Automated Segmentation of Fluorescence Microscopy Images for 3D Cell Detection in human-derived Cardiospheres. <i>Scientific Reports</i> , 2019, 9, 6644.	1.6	44
6	Stem Cell Spheroids and Ex Vivo Niche Modeling: Rationalization and Scaling-Up. <i>Journal of Cardiovascular Translational Research</i> , 2017, 10, 150-166.	1.1	30
7	Spheroid three-dimensional culture enhances Notch signaling in cardiac progenitor cells. <i>MRS Communications</i> , 2017, 7, 496-501.	0.8	6
8	A discrete in continuous mathematical model of cardiac progenitor cells formation and growth as spheroid clusters (Cardiospheres). <i>Mathematical Medicine and Biology</i> , 2017, 35, dqw022.	0.8	8
9	Effects of Exercise on Arrhythmia (and Viceversa): Lesson from the Greek Mythology. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1000, 85-93.	0.8	0
10	Cardiac Mechanoperception: A Life-Long Story from Early Beats to Aging and Failure. <i>Stem Cells and Development</i> , 2017, 26, 77-90.	1.1	26
11	Human Lung Spheroids as In Vitro Niches of Lung Progenitor Cells with Distinctive Paracrine and Plasticity Properties. <i>Stem Cells Translational Medicine</i> , 2017, 6, 767-777.	1.6	23
12	EMT/MET at the Crossroad of Stemness, Regeneration and Oncogenesis: The Ying-Yang Equilibrium Recapitulated in Cell Spheroids. <i>Cancers</i> , 2017, 9, 98.	1.7	62
13	Normal versus Pathological Cardiac Fibroblast-Derived Extracellular Matrix Differentially Modulates Cardiosphere-Derived Cell Paracrine Properties and Commitment. <i>Stem Cells International</i> , 2017, 2017, 1-9.	1.2	19
14	Exosomes isolation protocols facts and artifacts for cardiac regeneration. <i>Frontiers in Bioscience - Scholar</i> , 2016, 8, 303-311.	0.8	11
15	Foetal bovine serum-derived exosomes affect yield and phenotype of human cardiac progenitor cell culture. <i>BiolImpacts</i> , 2016, 6, 15-24.	0.7	26
16	Metformin increases APP expression and processing via oxidative stress, mitochondrial dysfunction and NF- κ B activation: Use of insulin to attenuate metformin's effect. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1046-1059.	1.9	95
17	Epicardial application of cardiac progenitor cells in a 3D-printed gelatin/hyaluronic acid patch preserves cardiac function after myocardial infarction. <i>Biomaterials</i> , 2015, 61, 339-348.	5.7	265
18	Insulin Resistance as Common Molecular Denominator Linking Obesity to Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2015, 12, 723-735.	0.7	97

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19	Serum and supplement optimization for <scp>EU GMP</scp>â€™compliance in cardiospheres cell culture. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 624-634.	1.6	41
20	Curcumin induces apoptosis in human neuroblastoma cells via inhibition of AKT and Foxo3a nuclear translocation. <i>Free Radical Research</i> , 2014, 48, 1397-1408.	1.5	32
21	Different types of cultured human adult Cardiac Progenitor Cells have a high degree of transcriptome similarity. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 2147-2151.	1.6	34
22	Biochemistry and biology: Heart-to-heart to investigate cardiac progenitor cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2459-2469.	1.1	7
23	Analysis of Pregnancy-Associated Plasma Protein A Production in Human Adult Cardiac Progenitor Cells. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	15
24	From Ontogenesis to Regeneration. <i>Progress in Molecular Biology and Translational Science</i> , 2012, 111, 109-137.	0.9	22
25	Isolation and Expansion of Adult Cardiac Stem/Progenitor Cells in the Form of Cardiospheres from Human Cardiac Biopsies and Murine Hearts. <i>Methods in Molecular Biology</i> , 2012, 879, 327-338.	0.4	57
26	TGF β ² -Dependent Epithelial-to-Mesenchymal Transition Is Required to Generate Cardiospheres from Human Adult Heart Biopsies. <i>Stem Cells and Development</i> , 2012, 21, 3081-3090.	1.1	34
27	Cardiac tissue engineering using tissue printing technology and human cardiac progenitor cells. <i>Biomaterials</i> , 2012, 33, 1782-1790.	5.7	347
28	Bone marrowâ€™derived cells can acquire cardiac stem cells properties in damaged heart. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 63-71.	1.6	26
29	Human cardiosphere-seeded gelatin and collagen scaffolds as cardiogenic engineered bioconstructs. <i>Biomaterials</i> , 2011, 32, 9271-9281.	5.7	59
30	Cardiac Cell Therapy: The Next (Re)Generation. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 1018-1030.	5.6	28
31	Ferritin as a reporter gene for in vivo tracking of stem cells by 1.5-T cardiac MRI in a rat model of myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H2238-H2250.	1.5	71
32	Isolation and Expansion of Cardiosphereâ€™Derived Stem Cells. <i>Current Protocols in Stem Cell Biology</i> , 2011, 16, 2C.3.1.	3.0	12
33	Cardiosphere-Derived Cells Improve Function in the Infarcted Rat Heart for at Least 16 Weeks â€™ an MRI Study. <i>PLoS ONE</i> , 2011, 6, e25669.	1.1	70
34	Evidence for the Existence of Resident Cardiac Stem Cells. , 2011, , 131-147.		0
35	Caffeine-induced Ca ²⁺ signaling as an index of cardiac progenitor cells differentiation. <i>Basic Research in Cardiology</i> , 2010, 105, 737-749.	2.5	20
36	Cardiospheres and tissue engineering for myocardial regeneration: potential for clinical application. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, no-no.	1.6	30

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37	Relative Roles of Direct Regeneration Versus Paracrine Effects of Human Cardiosphere-Derived Cells Transplanted Into Infarcted Mice. <i>Circulation Research</i> , 2010, 106, 971-980.	2.0	609
38	c-kit cardiac progenitor cells: What is their potential?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, E78; author reply E79.	3.3	8
39	Differentiation of human adult cardiac stem cells exposed to extremely low-frequency electromagnetic fields. <i>Cardiovascular Research</i> , 2009, 82, 411-420.	1.8	104
40	New Perspectives to Repair a Broken Heart. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2009, 7, 91-107.	0.4	26
41	Stem cells in the heart: What's the buzz all about? Part 2: Arrhythmic risks and clinical studies. <i>Heart Rhythm</i> , 2008, 5, 880-887.	0.3	49
42	Stem cells in the heart: What's the buzz all about?"Part 1: Preclinical considerations. <i>Heart Rhythm</i> , 2008, 5, 749-757.	0.3	44
43	Ion Cyclotron Resonance as a Tool in Regenerative Medicine. <i>Electromagnetic Biology and Medicine</i> , 2008, 27, 127-133.	0.7	34
44	Cardiac stem cells: isolation, expansion and experimental use for myocardial regeneration. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2007, 4, S9-S14.	3.3	94
45	Regenerative Potential of Cardiosphere-Derived Cells Expanded From Percutaneous Endomyocardial Biopsy Specimens. <i>Circulation</i> , 2007, 115, 896-908.	1.6	1,074
46	Endogenous Cardiac Stem Cells. <i>Progress in Cardiovascular Diseases</i> , 2007, 50, 31-48.	1.6	229
47	Endogenous Cardiac Stem Cells. , 2007, , 83-100.		1
48	Abstract 696: Cardiosphere-derived Cells Engraft Long-term in Infarcted Mice and Preserve Left Ventricular Function. <i>Circulation</i> , 2007, 116, .	1.6	2
49	Diabetic Cardiomyopathy. <i>Circulation Research</i> , 2006, 99, 1-2.	2.0	23
50	Guanine nucleotide depletion induces differentiation and aberrant neurite outgrowth in human dopaminergic neuroblastoma lines: a model for basal ganglia dysfunction in Leschâ€“Nyhan disease. <i>Neuroscience Letters</i> , 2005, 375, 97-100.	1.0	26
51	Isolation and Expansion of Adult Cardiac Stem Cells From Human and Murine Heart. <i>Circulation Research</i> , 2004, 95, 911-921.	2.0	1,374
52	Guanine nucleotide depletion triggers cell cycle arrest and apoptosis in human neuroblastoma cell lines. <i>International Journal of Cancer</i> , 2004, 108, 812-817.	2.3	34
53	Low levels of mycophenolic acid induce differentiation of human neuroblastoma cell lines. <i>International Journal of Cancer</i> , 2004, 112, 352-354.	2.3	8
54	Potential Role of Mycophenolate Mofetil in the Management of Neuroblastoma Patients. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004, 23, 1545-1549.	0.4	9

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55	Cyclic Nucleotides and Neuroblastoma Differentiation. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2004, 23, 1551-1554.	0.4	4
56	Different pattern of matrix metalloproteinases expression in alveolar versus embryonal rhabdomyosarcoma. <i>Journal of Pediatric Surgery</i> , 2004, 39, 1673-1679.	0.8	16
57	Surfactant Protein A-Producing Cells in Human Fetal Lung Are Good Targets for Recombinant Adenovirus-Mediated Gene Transfer. <i>Pediatric Research</i> , 1996, 40, 142-147.	1.1	1
58	A spectrophotometric method for the determination of 5-phosphoribosyl-1-pyrophosphate. <i>Experientia</i> , 1979, 35, 1016-1017.	1.2	5
59	A spectrophotometric assay for phosphoribosylpyrophosphate synthetase. <i>Analytical Biochemistry</i> , 1978, 89, 355-359.	1.1	8