

# Alessandro Giacomello

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

4,831  
citations

279798

23  
h-index

361022

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

4660  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Segmentation of Fluorescence Microscopy Images for 3D Cell Detection in human-derived Cardiospheres. <i>Scientific Reports</i> , 2019, 9, 6644.	3.3	44
2	Spheroid three-dimensional culture enhances Notch signaling in cardiac progenitor cells. <i>MRS Communications</i> , 2017, 7, 496-501.	1.8	6
3	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.	1.2	8
4	EMT/MET at the Crossroad of Stemness, Regeneration and Oncogenesis: The Ying-Yang Equilibrium Recapitulated in Cell Spheroids. <i>Cancers</i> , 2017, 9, 98.	3.7	62
5	Exosomes isolation protocols facts and artifacts for cardiac regeneration. <i>Frontiers in Bioscience - Scholar</i> , 2016, 8, 303-311.	2.1	11
6	Foetal bovine serum-derived exosomes affect yield and phenotype of human cardiac progenitor cell culture. <i>BiolImpacts</i> , 2016, 6, 15-24.	1.5	26
7	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.	11.4	265
8	Engineered Electrical Conduction Tract Restores Conduction in Complete Heart Block. <i>Journal of the American College of Cardiology</i> , 2014, 64, 2575-2585.	2.8	24
9	Serum and supplement optimization for <sc>ELI GMP</sc> compliance in cardiospheres cell culture. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 624-634.	3.6	41
10	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.	3.6	34
11	Biochemistry and biology: Heart-to-heart to investigate cardiac progenitor cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2459-2469.	2.4	7
12	Analysis of Pregnancy-Associated Plasma Protein A Production in Human Adult Cardiac Progenitor Cells. <i>BioMed Research International</i> , 2013, 2013, 1-8.	1.9	15
13	From Ontogenesis to Regeneration. <i>Progress in Molecular Biology and Translational Science</i> , 2012, 111, 109-137.	1.7	22
14	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.	0.9	57
15	TGF $\beta$ <sup>2</sup> -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.	2.1	34
16	Cardiac tissue engineering using tissue printing technology and human cardiac progenitor cells. <i>Biomaterials</i> , 2012, 33, 1782-1790.	11.4	347
17	Bone marrow-derived cells can acquire cardiac stem cells properties in damaged heart. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 63-71.	3.6	26
18	Human cardiosphere-seeded gelatin and collagen scaffolds as cardiogenic engineered bioconstructs. <i>Biomaterials</i> , 2011, 32, 9271-9281.	11.4	59

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19	Cardiac Cell Therapy: The Next (Re)Generation. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 1018-1030.	5.6	28
20	Isolation and Expansion of Cardiosphere-Derived Stem Cells. <i>Current Protocols in Stem Cell Biology</i> , 2011, 16, 2C.3.1.	3.0	12
21	Cardiosphere-Derived Cells Improve Function in the Infarcted Rat Heart for at Least 16 Weeks – an MRI Study. <i>PLoS ONE</i> , 2011, 6, e25669.	2.5	70
22	Evidence for the Existence of Resident Cardiac Stem Cells. , 2011, , 131-147.		0
23	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.	4.5	609
24	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.	7.1	8
25	Differentiation of human adult cardiac stem cells exposed to extremely low-frequency electromagnetic fields. <i>Cardiovascular Research</i> , 2009, 82, 411-420.	3.8	104
26	Ion Cyclotron Resonance as a Tool in Regenerative Medicine. <i>Electromagnetic Biology and Medicine</i> , 2008, 27, 127-133.	1.4	34
27	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
28	Regenerative Potential of Cardiosphere-Derived Cells Expanded From Percutaneous Endomyocardial Biopsy Specimens. <i>Circulation</i> , 2007, 115, 896-908.	1.6	1,074
29	Endogenous Cardiac Stem Cells. <i>Progress in Cardiovascular Diseases</i> , 2007, 50, 31-48.	3.1	229
30	Endogenous Cardiac Stem Cells. , 2007, , 83-100.		1
31	Guanine nucleotide depletion induces differentiation and aberrant neurite outgrowth in human dopaminergic neuroblastoma lines: a model for basal ganglia dysfunction in Lesch-Nyhan disease. <i>Neuroscience Letters</i> , 2005, 375, 97-100.	2.1	26
32	Isolation and Expansion of Adult Cardiac Stem Cells From Human and Murine Heart. <i>Circulation Research</i> , 2004, 95, 911-921.	4.5	1,374
33	Guanine nucleotide depletion triggers cell cycle arrest and apoptosis in human neuroblastoma cell lines. <i>International Journal of Cancer</i> , 2004, 108, 812-817.	5.1	34
34	Low levels of mycophenolic acid induce differentiation of human neuroblastoma cell lines. <i>International Journal of Cancer</i> , 2004, 112, 352-354.	5.1	8
35	Guanine Uptake by Human Erythrocytes. <i>Advances in Experimental Medicine and Biology</i> , 1991, 309A, 407-410.	1.6	0
36	Hypoxanthine-guanine exchange by intact human erythrocytes. <i>Biochemistry</i> , 1985, 24, 1306-1309.	2.5	14

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37	Purine Release by Human Erythrocytes. <i>Advances in Experimental Medicine and Biology</i> , 1984, 165 Pt A, 343-346.	1.6	0
38	Adenine-induced hypoxanthine release from IMP-enriched human erythrocytes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1983, 756, 403-406.	2.4	1
39	Hypoxanthine uptake by human erythrocytes. <i>FEBS Letters</i> , 1979, 107, 203-204.	2.8	23