

# Anna Cargnoni

## List of Publications by Year in descending order

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Version: 2024-02-01

88  
papers

3,603  
citations

136940

32  
h-index

138468

58  
g-index

88  
all docs

88  
docs citations

88  
times ranked

3369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of oxidative stress during reperfusion of the human heart.. Circulation, 1990, 81, 201-211.	1.6	280
2	Transplantation of Allogeneic and Xenogeneic Placenta-Derived Cells Reduces Bleomycin-Induced Lung Fibrosis. Cell Transplantation, 2009, 18, 405-422.	2.5	225
3	Oxygen free radicals and myocardial damage: Protective role of thiol-containing agents. American Journal of Medicine, 1991, 91, S95-S105.	1.5	201
4	Oxidative Stress During Myocardial Ischaemia and Heart Failure. Current Pharmaceutical Design, 2004, 10, 1699-1711.	1.9	186
5	The protective role of heat stress in the ischaemic and reperfused rabbit myocardium. Journal of Molecular and Cellular Cardiology, 1992, 24, 895-907.	1.9	176
6	The role of glutathione status in the protection against ischaemic and reperfusion damage: Effects of N-acetyl cysteine. Journal of Molecular and Cellular Cardiology, 1988, 20, 5-13.	1.9	160
7	Oxidative stress in cardiovascular disease: myth or fact?. Archives of Biochemistry and Biophysics, 2003, 420, 217-221.	3.0	143
8	The Long Path of Human Placenta, and Its Derivatives, in Regenerative Medicine. Frontiers in Bioengineering and Biotechnology, 2015, 3, 162.	4.1	122
9	Autophagy: a potential key contributor to the therapeutic action of mesenchymal stem cells. Autophagy, 2020, 16, 28-37.	9.1	96
10	Conditioned medium from amniotic mesenchymal tissue cells reduces progression of bleomycin-induced lung fibrosis. Cytotherapy, 2012, 14, 153-161.	0.7	88
11	Amniotic Membrane Patching Promotes Ischemic Rat Heart Repair. Cell Transplantation, 2009, 18, 1147-1159.	2.5	86
12	The Immunomodulatory Properties of Amniotic Cells. Cell Transplantation, 2018, 27, 31-44.	2.5	85
13	Anti-fibrotic effects of fresh and cryopreserved human amniotic membrane in a rat liver fibrosis model. Cell and Tissue Banking, 2013, 14, 475-488.	1.1	82
14	Amniotic Membrane Application Reduces Liver Fibrosis in a Bile Duct Ligation Rat Model. Cell Transplantation, 2011, 20, 441-453.	2.5	80
15	Role of oxygen free radicals in ischemic and reperfused myocardium. American Journal of Clinical Nutrition, 1991, 53, 215S-222S.	4.7	75
16	Is Immune Modulation the Mechanism Underlying the Beneficial Effects of Amniotic Cells and Their Derivatives in Regenerative Medicine?. Cell Transplantation, 2017, 26, 531-539.	2.5	66
17	Metabolic Adaptation During a Sequence of No-Flow and Low-Flow Ischemia. Circulation, 1996, 94, 2587-2596.	1.6	66
18	Occurrence of oxidative stress during myocardial reperfusion. Molecular and Cellular Biochemistry, 1992, 111, 61-69.	3.1	64

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19	Conditioned medium from amniotic membrane-derived cells prevents lung fibrosis and preserves blood gas exchanges in bleomycin-injured mice—specificity of the effects and insights into possible mechanisms. <i>Cytotherapy</i> , 2014, 16, 17-32.	0.7	60
20	Metabolic changes during post-ischæmic reperfusion. <i>Journal of Molecular and Cellular Cardiology</i> , 1988, 20, 119-133.	1.9	59
21	Extraction and Assay of Creatine Phosphate, Purine, and Pyridine Nucleotides in Cardiac Tissue by Reversed-Phase High-Performance Liquid Chromatography. <i>Analytical Biochemistry</i> , 1994, 222, 374-379.	2.4	56
22	New insights on myocardial pyridine nucleotides and thiol redox state in ischemia and reperfusion damage. <i>Cardiovascular Research</i> , 2000, 47, 586-594.	3.8	54
23	Role of A2A Receptor in the Modulation of Myocardial Reperfusion Damage. <i>Journal of Cardiovascular Pharmacology</i> , 1999, 33, 883-893.	1.9	47
24	Evaluation of phospholipid peroxidation as malondialdehyde during myocardial ischemia and reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1991, 260, H1057-H1061.	3.2	44
25	Oxygen free radicals and reperfusion injury; the effect of ischaemia and reperfusion on the cellular ability to neutralise oxygen toxicity. <i>Journal of Molecular and Cellular Cardiology</i> , 1986, 18, 67-69.	1.9	43
26	The occurrence of oxidative stress during reperfusion in experimental animals and men. <i>Cardiovascular Drugs and Therapy</i> , 1991, 5, 277-287.	2.6	43
27	Cardioprotection by nisoldipine: role of timing of administration. <i>European Heart Journal</i> , 1993, 14, 1258-1272.	2.2	43
28	Therapeutic modulation of the nitric oxide: all ace inhibitors are not equivalent. <i>Pharmacological Research</i> , 2007, 56, 42-48.	7.1	42
29	Heart rate reduction with ivabradine improves energy metabolism and mechanical function of isolated ischaemic rabbit heart. <i>Cardiovascular Research</i> , 2009, 84, 72-82.	3.8	42
30	Amniotic MSCs reduce pulmonary fibrosis by hampering lung B-cell recruitment, retention, and maturation. <i>Stem Cells Translational Medicine</i> , 2020, 9, 1023-1035.	3.3	41
31	Ace-Inhibition with Quinapril Modulates the Nitric Oxide Pathway in Normotensive Rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2001, 33, 395-403.	1.9	39
32	Anti-ischæmic effect of ivabradine. <i>Pharmacological Research</i> , 2006, 53, 435-439.	7.1	36
33	Effect of L-Carnitine derivatives on heart mitochondrial damage induced by lipid peroxidation. <i>Pharmacological Research Communications</i> , 1988, 20, 125-132.	0.2	33
34	Antifibrotic Effects of Human Amniotic Membrane Transplantation in Established Biliary Fibrosis Induced in Rats. <i>Cell Transplantation</i> , 2016, 25, 2245-2257.	2.5	33
35	Effects of iloprost (ZK 36374) on glutathione status during ischaemia and reperfusion of rabbit isolated hearts. <i>British Journal of Pharmacology</i> , 1989, 98, 678-684.	5.4	32
36	Reduction of oxidative stress by carvedilol: role in maintenance of ischaemic myocardium viability. <i>Cardiovascular Research</i> , 2000, 47, 556-566.	3.8	32

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37	Effect of D-600 on ischemic and reperfused rabbit myocardium: relation with timing and modality of administration. <i>Basic Research in Cardiology</i> , 1989, 84, 606-622.	5.9	31
38	Cellular Thiols Redox Status: a Switch for NF- $\kappa$ B Activation During Myocardial Post-ischaemic Reperfusion. <i>Journal of Molecular and Cellular Cardiology</i> , 2002, 34, 997-1005.	1.9	30
39	Effect of human amniotic epithelial cells on pro-fibrogenic resident hepatic cells in a rat model of liver fibrosis. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1202-1213.	3.6	28
40	The Multifaceted Roles of MSCs in the Tumor Microenvironment: Interactions With Immune Cells and Exploitation for Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 447.	3.7	27
41	Protective effect of a prostacyclin-mimetic on the ischaemic-reperfused rabbit myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 1988, 20, 1095-1106.	1.9	26
42	The effect of propionyl-L-carnitine on the ischemic and reperfused intact myocardium and on their derived mitochondria. <i>Cardiovascular Drugs and Therapy</i> , 1991, 5, 57-65.	2.6	24
43	Effect of Angiotensin Converting Enzyme Inhibition with Quinaprilat on the Ischaemic and Reperfused Myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 1994, 26, 69-86.	1.9	22
44	Intermittent v continuous ischemia decelerates adenylate breakdown and prevents norepinephrine release in reperfused rabbit heart. <i>Journal of Molecular and Cellular Cardiology</i> , 1995, 27, 659-671.	1.9	22
45	PEG-SOD and myocardial antioxidant status during ischaemia and reperfusion: Dose-response studies in the isolated blood perfused rabbit heart. <i>Journal of Molecular and Cellular Cardiology</i> , 1992, 24, 1021-1030.	1.9	19
46	Changes in oxidative stress and cellular redox potential during myocardial storage for transplantation: experimental studies. <i>Journal of Heart and Lung Transplantation</i> , 1999, 18, 478-487.	0.6	19
47	Perinatal Mesenchymal Stromal Cells and Their Possible Contribution to Fetal-Maternal Tolerance. <i>Cells</i> , 2019, 8, 1401.	4.1	19
48	Role of bradykinin and eNOS in the anti-ischaemic effect of trandolapril. <i>British Journal of Pharmacology</i> , 2001, 133, 145-153.	5.4	17
49	Heat Shock Protein Changes in Hibernation: a Similarity with Heart Failure?. <i>Journal of Molecular and Cellular Cardiology</i> , 1996, 28, 2383-2395.	1.9	15
50	The dichotomy of placenta-derived cells in cancer growth. <i>Placenta</i> , 2017, 59, 154-162.	1.5	15
51	Extracellular Vesicles From Perinatal Cells for Anti-inflammatory Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 637737.	4.1	15
52	CM from intact hAM: an easily obtained product with relevant implications for translation in regenerative medicine. <i>Stem Cell Research and Therapy</i> , 2021, 12, 540.	5.5	15
53	Dichotomy in the Post-ischemic Metabolic and Functional Recovery Profiles of Isolated Blood- versus Buffer-perfused Heart. <i>Journal of Molecular and Cellular Cardiology</i> , 1996, 28, 531-539.	1.9	14
54	Relation between energy metabolism, glycolysis, noradrenaline release and duration of ischemia. <i>Molecular and Cellular Biochemistry</i> , 1996, 160-161, 187-194.	3.1	13

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55	Time course of human atrial natriuretic factor release during cardiopulmonary bypass in mitral valve and coronary artery diseased patients. <i>European Journal of Cardio-thoracic Surgery</i> , 1991, 5, 205-210.	1.4	11
56	Revascularization of hibernating myocardium. Rate of metabolic and functional recovery and occurrence of oxidative stress. <i>European Heart Journal</i> , 2002, 23, 1877-1885.	2.2	11
57	Skeletal muscle abnormalities in rats with experimentally induced heart hypertrophy and failure. <i>Basic Research in Cardiology</i> , 2003, 98, 114-123.	5.9	11
58	Title is missing!. <i>European Heart Journal Supplements</i> , 2004, 6, F22-F29.	0.1	11
59	Lipid peroxidation during myocardial reperfusion. <i>Molecular and Cellular Biochemistry</i> , 1992, 111, 49-54.	3.1	9
60	Role of timing of administration in the cardioprotective effect of fructose-1,6-bisphosphate. <i>Cardiovascular Drugs and Therapy</i> , 1992, 6, 209-217.	2.6	9
61	Effect of lacidipine on ischaemic and reperfused isolated rabbit hearts. <i>Molecular and Cellular Biochemistry</i> , 1993, 125, 73-86.	3.1	9
62	Effects of felodipine on the ischemic heart: Insight into the mechanism of cytoprotection. <i>Cardiovascular Drugs and Therapy</i> , 1996, 10, 425-437.	2.6	9
63	Effects of chronic noradrenaline on the nitric oxide pathway in human endothelial cells. <i>Basic Research in Cardiology</i> , 1998, 93, 250-256.	5.9	9
64	Lipid Peroxidation in Normal Pregnancy and Preeclampsia. <i>Advances in Experimental Medicine and Biology</i> , 1994, 366, 420-421.	1.6	9
65	Experimental ischemic cardiomyopathy: insights into remodeling, physiological adaptation, and humoral response. <i>Annals of Clinical and Laboratory Science</i> , 2006, 36, 333-40.	0.2	9
66	PEG-SOD improves postischemic functional recovery and antioxidant status in blood-perfused rabbit hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1992, 263, H1243-H1249.	3.2	8
67	Is Stunning an Important Component of Preconditioning?. <i>Journal of Molecular and Cellular Cardiology</i> , 1996, 28, 2323-2331.	1.9	7
68	In vitro administration of ergothioneine failed to protect isolated ischaemic and reperfused rabbit heart. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1995, 1270, 173-178.	3.8	6
69	The Role of B Cells in PE Pathophysiology: A Potential Target for Perinatal Cell-Based Therapy?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3405.	4.1	6
70	Mechanism of myocardial protective action of dilazep during ischaemia and reperfusion. <i>Pharmacological Research Communications</i> , 1987, 19, 341-357.	0.2	5
71	No evidence of oxygen free radicals-mediated damage during the calcium paradox. <i>Basic Research in Cardiology</i> , 1989, 84, 396-403.	5.9	5
72	Effects of anipamil on myocardial sarcolemmal and mitochondrial calcium transport, comparison with verapamil and nifedipine. <i>European Journal of Pharmacology</i> , 1990, 189, 149-161.	2.6	5

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73	Role of timing of administration in the cardioprotective effect of iloprost, a stable prostacyclin mimetic. <i>European Journal of Pharmacology</i> , 1991, 199, 165-178.	3.5	5
74	Preliminary observations on the effects of acute infusion of growth hormone on coronary vasculature and on myocardial function and energetics of an isolated and blood-perfused heart. <i>Journal of Endocrinological Investigation</i> , 2003, 26, RC1-RC4.	3.3	4
75	Perinatal Cells: A Promising COVID-19 Therapy?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 619980.	4.1	3
76	Protection of the Ischemic Myocardium by the Converting-Enzyme Inhibitor Zofenopril: Insight Into Its Mechanism of Action. <i>Journal of Cardiovascular Pharmacology</i> , 1992, 20, 694-704.	1.9	2
77	Effects of Lercanidipine on Fe <sup>2+</sup> -Induced Mitochondrial Lipid Peroxidation. <i>Journal of Cardiovascular Pharmacology</i> , 1997, 29, S63-S72.	1.9	2
78	β <sub>2</sub> -Adrenergic receptors and intracellular signalling pathway in stunned and non-ischemic regions of pig myocardium. <i>Basic Research in Cardiology</i> , 2001, 96, 388-394.	5.9	2
79	Target-antigen Detection and Localization of Human Amniotic-derived Cells after in Utero Transplantation in Rats. <i>Annals of Clinical and Laboratory Science</i> , 2015, 45, 270-7.	0.2	2
80	Long-Lasting Protective Effect of Anipamil, a New Calcium Entry Blocker, against Myocardial Ischemia and Reperfusion Damage. <i>Annals of the New York Academy of Sciences</i> , 1988, 522, 522-524.	3.8	1
81	Percutaneous coronary injection of bone marrow cells in small experimental animals: Small is not too small. <i>Pathology Research and Practice</i> , 2007, 203, 801-808.	2.3	1
82	Epithelial and Mesenchymal Stromal Cells From the Amniotic Membrane. , 2018, , 147-155.		1
83	Effect of prolonged treatment with propionyl-L-carnitine on erucic acid-induced myocardial dysfunction in rats. <i>Journal of Molecular and Cellular Cardiology</i> , 1992, 24, 250.	1.9	0
84	Studies on the cardiovascular activities of growth hormone. <i>Journal of Molecular and Cellular Cardiology</i> , 2002, 34, A15.	1.9	0
85	A Sample-Saving Preparation to Extract DNA-Binding Proteins from Cardiac and Vascular Tissues. <i>Laboratory Investigation</i> , 2002, 82, 667-669.	3.7	0
86	Stem Properties of Amniotic Membrane-Derived Cells. , 2015, , 57-76.		0
87	Evidence Against Malondialdehyde Bound to Cellular Constituents in Phospholipid Peroxidation. <i>Advances in Experimental Medicine and Biology</i> , 1994, 366, 404-406.	1.6	0
88	In Vitro Ergothioneine Administration Failed to Protect Isolated Ischaemic and Reperfused Rabbit Heart. <i>Advances in Experimental Medicine and Biology</i> , 1994, 366, 448-449.	1.6	0