# Anna Cargnoni

List of Publications by Year
in descending order



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|---|---|---|---|
| 88 papers | 3,603 citations | 136950 32 h-index | 138484 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 miceâ€"specificity of the effects and insights into possible mechanisms. Cytotherapy, 2014, 16, 17-32. | 0.7 | 60 |
| 20 | Metabolic changes during post-ischaemic reperfusion. Journal of Molecular and Cellular Cardiology, 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. Analytical Biochemistry, 1994, 222, 374-379. | 2.4 | 56 |
| 22 | New insights on myocardial pyridine nucleotides and thiol redox state in ischemia and reperfusion damage. Cardiovascular Research, 2000, 47, 586-594. | 3.8 | 54 |
| 23 | Role of A2A Receptor in the Modulation of Myocardial Reperfusion Damage. Journal of Cardiovascular Pharmacology, 1999, 33, 883-893. | 1.9 | 47 |
| 24 | Evaluation of phospholipid peroxidation as malondialdehyde during myocardial ischemia and reperfusion injury. American Journal of Physiology - Heart and Circulatory Physiology, 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. Journal of Molecular and Cellular Cardiology, 1986, 18, 67-69. | 1.9 | 43 |
| 26 | The occurrence of oxidative stress during reperfusion in experimental animals and men. Cardiovascular Drugs and Therapy, 1991, 5, 277-287. | 2.6 | 43 |
| 27 | Cardioprotection by nisoldipine: role of timing of administration. European Heart Journal, 1993, 14, 1258-1272. | 2.2 | 43 |
| 28 | Therapeutic modulation of the nitric oxide: all ace inhibitors are not equivalent. Pharmacological Research, 2007, 56, 42-48. | 7.1 | 42 |
| 29 | Heart rate reduction with ivabradine improves energy metabolism and mechanical function of isolated ischaemic rabbit heart. Cardiovascular Research, 2009, 84, 72-82. | 3.8 | 42 |
| 30 | Amniotic MSCs reduce pulmonary fibrosis by hampering lung B-cell recruitment, retention, and maturation. Stem Cells Translational Medicine, 2020, 9, 1023-1035. | 3.3 | 41 |
| 31 | Ace-Inhibition with Quinapril Modulates the Nitric Oxide Pathway in Normotensive Rats. Journal of Molecular and Cellular Cardiology, 2001, 33, 395-403. | 1.9 | 39 |
| 32 | Anti-ischaemic effect of ivabradine. Pharmacological Research, 2006, 53, 435-439. | 7.1 | 36 |
| 33 | Effect of L-Carnitine derivatives on heart mitochondrial damage induced by lipid peroxidation. Pharmacological Research Communications, 1988, 20, 125-132. | 0.2 | 33 |
| 34 | Antifibrotic Effects of Human Amniotic Membrane Transplantation in Established Biliary Fibrosis Induced in Rats. Cell Transplantation, 2016, 25, 2245-2257. | 2.5 | 33 |
| 35 | Effects of iloprost (ZK 36374) on glutathione status during ischaemia and reperfusion of rabbit isolated hearts. British Journal of Pharmacology, 1989, 98, 678-684. | 5.4 | 32 |
| 36 | Reduction of oxidative stress by carvedilol: role in maintenance of ischaemic myocardium viability. Cardiovascular Research, 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. Basic Research in Cardiology, 1989, 84, 606-622. | 5.9 | 31 |
| 38 | Cellular Thiols Redox Status: a Switch for NF-Î¹B Activation During Myocardial Post-ischaemic Reperfusion. Journal of Molecular and Cellular Cardiology, 2002, 34, 997-1005. | 1.9 | 30 |
| 39 | Effect of human amniotic epithelial cells on proâ€fibrogenic resident hepatic cells in a rat model of liver fibrosis. Journal of Cellular and Molecular Medicine, 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. Frontiers in Cell and Developmental Biology, 2020, 8, 447. | 3.7 | 27 |
| 41 | Protective effect of a prostacyclin-mimetic on the ischaemic-reperfused rabbit myocardium. Journal of Molecular and Cellular Cardiology, 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. Cardiovascular Drugs and Therapy, 1991, 5, 57-65. | 2.6 | 24 |
| 43 | Effect of Angiotensin Converting Enzyme Inhibition with Quinaprilat on the Ischaemic and Reperfused Myocardium. Journal of Molecular and Cellular Cardiology, 1994, 26, 69-86. | 1.9 | 22 |
| 44 | Intermittent v continuous ischernia decelerates adenylate breakdown and prevents norepinephrine release in reperfused rabbit heart. Journal of Molecular and Cellular Cardiology, 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. Journal of Molecular and Cellular Cardiology, 1992, 24, 1021-1030. | 1.9 | 19 |
| 46 | Changes in oxidative stress and cellular redox potential during myocardial storage for transplantation: experimental studies. Journal of Heart and Lung Transplantation, 1999, 18, 478-487. | 0.6 | 19 |
| 47 | Perinatal Mesenchymal Stromal Cells and Their Possible Contribution to Fetal-Maternal Tolerance. Cells, 2019, 8, 1401. | 4.1 | 19 |
| 48 | Role of bradykinin and eNOS in the anti-ischaemic effect of trandolapril. British Journal of Pharmacology, 2001, 133, 145-153. | 5.4 | 17 |
| 49 | Heat Shock Protein Changes in Hibernation: a Similarity with Heart Failure?. Journal of Molecular and Cellular Cardiology, 1996, 28, 2383-2395. | 1.9 | 15 |
| 50 | The dichotomy of placenta-derived cells in cancer growth. Placenta, 2017, 59, 154-162. | 1.5 | 15 |
| 51 | Extracellular Vesicles From Perinatal Cells for Anti-inflammatory Therapy. Frontiers in Bioengineering and Biotechnology, 2021, 9, 637737. | 4.1 | 15 |
| 52 | CM from intact hAM: an easily obtained product with relevant implications for translation in regenerative medicine. Stem Cell Research and Therapy, 2021, 12, 540. | 5.5 | 15 |
| 53 | Dichotomy in the Post-ischemic Metabolic and Functional Recovery Profiles of Isolated Blood- versus Buffer-perfused Heart. Journal of Molecular and Cellular Cardiology, 1996, 28, 531-539. | 1.9 | 14 |
| 54 | Relation between energy metabolism, glycolysis, noradrenaline release and duration of ischemia. Molecular and Cellular Biochemistry, 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. European Journal of Cardio-thoracic Surgery, 1991, 5, 205-210. | 1.4 | 11 |
| 56 | Revascularization of hibernating myocardium. Rate of metabolic and functional recovery and occurrence of oxidative stress. European Heart Journal, 2002, 23, 1877-1885. | 2.2 | 11 |
| 57 | Skeletal muscle abnormalities in rats with experimentally induced heart hypertrophy and failure. Basic Research in Cardiology, 2003, 98, 114-123. | 5.9 | 11 |
| 58 | Title is missing!. European Heart Journal Supplements, 2004, 6, F22-F29. | 0.1 | 11 |
| 59 | Lipid peroxidation during myocardial reperfusion. Molecular and Cellular Biochemistry, 1992, 111, 49-54. | 3.1 | 9 |
| 60 | Role of timing of administration in the cardioprotective effect of fructose-1,6-bisphosphate. Cardiovascular Drugs and Therapy, 1992, 6, 209-217. | 2.6 | 9 |
| 61 | Effect of lacidipine on ischaemic and reperfused isolated rabbit hearts. Molecular and Cellular Biochemistry, 1993, 125, 73-86. | 3.1 | 9 |
| 62 | Effects of felodipine on the ischemic heart: Insight into the mechanism of cytoprotection. Cardiovascular Drugs and Therapy, 1996, 10, 425-437. | 2.6 | 9 |
| 63 | Effects of chronic noradrenaline on the nitric oxide pathway in human endothelial cells. Basic Research in Cardiology, 1998, 93, 250-256. | 5.9 | 9 |
| 64 | Lipid Peroxidation in Normal Pregnancy and Preeclampsia. Advances in Experimental Medicine and Biology, 1994, 366, 420-421. | 1.6 | 9 |
| 65 | Experimental ischemic cardiomyopathy: insights into remodeling, physiological adaptation, and humoral response. Annals of Clinical and Laboratory Science, 2006, 36, 333-40. | 0.2 | 9 |
| 66 | PEG-SOD improves postischemic functional recovery and antioxidant status in blood-perfused rabbit hearts. American Journal of Physiology - Heart and Circulatory Physiology, 1992, 263, H1243-H1249. | 3.2 | 8 |
| 67 | Is Stunning an Important Component of Preconditioning?. Journal of Molecular and Cellular Cardiology, 1996, 28, 2323-2331. | 1.9 | 7 |
| 68 | In vitro administration of ergothioneine failed to protect isolated ischaemic and reperfused rabbit heart. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1995, 1270, 173-178. | 3.8 | 6 |
| 69 | The Role of B Cells in PE Pathophysiology: A Potential Target for Perinatal Cell-Based Therapy?. International Journal of Molecular Sciences, 2021, 22, 3405. | 4.1 | 6 |
| 70 | Mechanism of myocardial protective action of dilazep during ischaemia and reperfusion. Pharmacological Research Communications, 1987, 19, 341-357. | 0.2 | 5 |
| 71 | No evidence of oxygen free radicals-mediated damage during the calcium paradox. Basic Research in Cardiology, 1989, 84, 396-403. | 5.9 | 5 |
| 72 | Effects of anipamil on myocardial sarcolemmal and mitochondrial calcium transport, comparison with verapamil and nifedipine. European Journal of Pharmacology, 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 prostacyclln mimetic. European Journal of Pharmacology, 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. Journal of Endocrinological Investigation, 2003, 26, RC1-RC4. | 3.3 | 4 |
| 75 | Perinatal Cells: A Promising COVID-19 Therapy?. Frontiers in Bioengineering and Biotechnology, 2020, 8, 619980. | 4.1 | 3 |
| 76 | Protection of the Ischemic Myocardium by the Converting-Enzyme Inhibitor Zofenopril: Insight Into Its Mechanism of Action. Journal of Cardiovascular Pharmacology, 1992, 20, 694-704. | 1.9 | 2 |
| 77 | Effects of Lercanidipine on Fe2+-Induced Mitochondrial Lipid Peroxidation. Journal of Cardiovascular Pharmacology, 1997, 29, S63-S72. | 1.9 | 2 |
| 78 | Î²-Adrenergic receptors and intracellular signalling pathway in stunned and non-ischemic regions of pig myocardium. Basic Research in Cardiology, 2001, 96, 388-394. | 5.9 | 2 |
| 79 | Target-antigen Detection and Localization of Human Amniotic-derived Cells after in Utero Transplantation in Rats. Annals of Clinical and Laboratory Science, 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. Annals of the New York Academy of Sciences, 1988, 522, 522-524. | 3.8 | 1 |
| 81 | Percutaneous coronary injection of bone marrow cells in small experimental animals: Small is not too small. Pathology Research and Practice, 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. Journal of Molecular and Cellular Cardiology, 1992, 24, 250. | 1.9 | 0 |
| 84 | Studies on the cardiovascular activities of growth hormone. Journal of Molecular and Cellular Cardiology, 2002, 34, A15. | 1.9 | 0 |
| 85 | A Sample-Saving Preparation to Extract DNA-Binding Proteins from Cardiac and Vascular Tissues. Laboratory Investigation, 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. Advances in Experimental Medicine and Biology, 1994, 366, 404-406. | 1.6 | 0 |
| 88 | In Vitro Ergothioneine Administration Failed to Protect Isolated Ischaemic and Reperfused Rabbit Heart. Advances in Experimental Medicine and Biology, 1994, 366, 448-449. | 1.6 | 0 |