

Manuela Cabiati

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

1,467
citations

331670

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395702

33
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95
docs citations

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times ranked

2104
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Evaluation of an Integrated System of Wearable Physiological Sensors for Stress Monitoring in Working Environments by Using Biological Markers. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1748-1758. | 4.2 | 105 |
| 2 | Expression of C-type natriuretic peptide and its receptor NPR-B in cardiomyocytes. <i>Peptides</i> , 2011, 32, 1713-1718. | 2.4 | 68 |
| 3 | Expression of C-type natriuretic peptide and of its receptor NPR-B in normal and failing heart. <i>Peptides</i> , 2008, 29, 2208-2215. | 2.4 | 66 |
| 4 | Back to the heart: The protective role of adiponectin. <i>Pharmacological Research</i> , 2014, 82, 9-20. | 7.1 | 55 |
| 5 | Increased FNDC5/Irisin expression in human hepatocellular carcinoma. <i>Peptides</i> , 2017, 88, 62-66. | 2.4 | 52 |
| 6 | Selection of reference genes for normalization of real-time PCR data in minipig heart failure model and evaluation of TNF- α mRNA expression. <i>Journal of Biotechnology</i> , 2011, 153, 92-99. | 3.8 | 50 |
| 7 | Tissue-specific selection of stable reference genes for real-time PCR normalization in an obese rat model. <i>Journal of Molecular Endocrinology</i> , 2012, 48, 251-260. | 2.5 | 46 |
| 8 | Osteopontin in hepatocellular carcinoma: A possible biomarker for diagnosis and follow-up. <i>Cytokine</i> , 2017, 99, 59-65. | 3.2 | 45 |
| 9 | The role of the adenosinergic system in lung fibrosis. <i>Pharmacological Research</i> , 2013, 76, 182-189. | 7.1 | 39 |
| 10 | Association of pre-operative interleukin-6 levels with Interagency Registry for Mechanically Assisted Circulatory Support profiles and intensive care unit stay in left ventricular assist device patients. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 625-633. | 0.6 | 37 |
| 11 | Trimetazidine Reduces Endogenous Free Fatty Acid Oxidation and Improves Myocardial Efficiency in Obese Humans. <i>Cardiovascular Therapeutics</i> , 2012, 30, 333-341. | 2.5 | 34 |
| 12 | Comparison of NT-proCNP and CNP plasma levels in heart failure, diabetes and cirrhosis patients. <i>Regulatory Peptides</i> , 2011, 166, 15-20. | 1.9 | 33 |
| 13 | High concentration of C-type natriuretic peptide promotes VEGF-dependent vasculogenesis in the remodeled region of infarcted swine heart with preserved left ventricular ejection fraction. <i>International Journal of Cardiology</i> , 2013, 168, 2426-2434. | 1.7 | 30 |
| 14 | Impact of Obesity on the Expression Profile of Natriuretic Peptide System in a Rat Experimental Model. <i>PLoS ONE</i> , 2013, 8, e72959. | 2.5 | 30 |
| 15 | Adiponectin is associated with abnormal lipid profile and coronary microvascular dysfunction in patients with dilated cardiomyopathy without overt heart failure. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 227-233. | 3.4 | 29 |
| 16 | Gene silencing of endothelial von Willebrand Factor attenuates angiotensin II-induced endothelin-1 expression in porcine aortic endothelial cells. <i>Scientific Reports</i> , 2016, 6, 30048. | 3.3 | 29 |
| 17 | C-type natriuretic peptide and its relation to non-invasive indices of left ventricular function in patients with chronic heart failure. <i>Peptides</i> , 2008, 29, 79-82. | 2.4 | 26 |
| 18 | Asymmetrical myocardial expression of natriuretic peptides in pacing-induced heart failure. <i>Peptides</i> , 2009, 30, 1710-1713. | 2.4 | 26 |

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|----|--|-----|-----------|
| 19 | IL-33/ST2 Pathway and Classical Cytokines in End-Stage Heart Failure Patients Submitted to Left Ventricular Assist Device Support: A Paradoxical Role for Inflammatory Mediators?. Mediators of Inflammation, 2013, 2013, 1-9. | 3.0 | 26 |
| 20 | Recent advances on natriuretic peptide system: New promising therapeutic targets for the treatment of heart failure. Pharmacological Research, 2013, 76, 190-198. | 7.1 | 24 |
| 21 | Cardiac tissue regeneration: A preliminary study on carbon-based nanotubes gelatin scaffold. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 2750-2762. | 3.4 | 22 |
| 22 | Natriuretic Peptide System and the Heart. Frontiers of Hormone Research, 2014, 43, 134-143. | 1.0 | 19 |
| 23 | C-type natriuretic peptide is closely associated to obesity in Caucasian adolescents. Clinica Chimica Acta, 2016, 460, 172-177. | 1.1 | 19 |
| 24 | Sequencing and cardiac expression of natriuretic peptide receptor 2 (NPR-B) in Sus Scrofa. Peptides, 2007, 28, 1390-1396. | 2.4 | 18 |
| 25 | Impact of normalization strategy on cardiac expression of pro-inflammatory cytokines: Evaluation of reference genes in different human myocardial regions after Left Ventricular Assist Device support. Cytokine, 2013, 63, 113-122. | 3.2 | 18 |
| 26 | Distribution of circulating cardiac biomarkers in healthy children: from birth through adulthood. Biomarkers in Medicine, 2016, 10, 357-365. | 1.4 | 18 |
| 27 | Mid-regional-pro-adrenomedullin plasma levels are increased in obese adolescents. European Journal of Nutrition, 2016, 55, 1255-1260. | 3.9 | 17 |
| 28 | Plasma C-type natriuretic peptide levels in healthy children. Peptides, 2012, 33, 83-86. | 2.4 | 16 |
| 29 | Biomimetic engineering of the cardiac tissue through processing, functionalization, and biological characterization of polyester urethanes. Biomedical Materials (Bristol), 2018, 13, 055006. | 3.3 | 16 |
| 30 | Searching Novel Therapeutic Targets for Scleroderma: P2X7-Receptor Is Up-regulated and Promotes a Fibrogenic Phenotype in Systemic Sclerosis Fibroblasts. Frontiers in Pharmacology, 2017, 8, 638. | 3.5 | 15 |
| 31 | C-type natriuretic peptide plasma levels are reduced in obese adolescents. Peptides, 2013, 50, 50-54. | 2.4 | 14 |
| 32 | A methodological reappraisal of total and high molecular weight adiponectin determination in human peripheral circulation: comparison of four immunometric assays. Clinical Chemistry and Laboratory Medicine, 2010, 48, 561-568. | 2.3 | 13 |
| 33 | Effects of obesity on IL-33/ST2 system in heart, adipose tissue and liver: study in the experimental model of Zucker rats. Experimental and Molecular Pathology, 2017, 102, 354-359. | 2.1 | 13 |
| 34 | Myocardial Expression Analysis of Osteopontin and Its Splice Variants in Patients Affected by End-Stage Idiopathic or Ischemic Dilated Cardiomyopathy. PLoS ONE, 2016, 11, e0160110. | 2.5 | 13 |
| 35 | Increased plasma levels of osteopontin are associated with activation of the renin-aldosterone system and with myocardial and coronary microvascular damage in dilated cardiomyopathy. Cytokine, 2010, 49, 325-330. | 3.2 | 12 |
| 36 | Sequencing and cardiac expression of natriuretic peptide receptors A and C in normal and heart failure pigs. Regulatory Peptides, 2010, 162, 12-17. | 1.9 | 12 |

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|----|--|-----|-----------|
| 37 | The natriuretic peptide time-course in end-stage heart failure patients supported by left ventricular assist device implant: Focus on NT-proCNP. <i>Peptides</i> , 2012, 36, 192-198. | 2.4 | 12 |
| 38 | C-type natriuretic peptide plasma levels and whole blood mRNA expression show different trends in adolescents with different degree of endothelial dysfunction. <i>Peptides</i> , 2020, 124, 170218. | 2.4 | 12 |
| 39 | Severity of regional myocardial dysfunction is not affected by cardiomyocyte apoptosis in non-ischemic heart failure. <i>Pharmacological Research</i> , 2011, 63, 207-215. | 7.1 | 11 |
| 40 | Adenosine Receptor mRNA Expression in Normal and Failing Minipig Hearts. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 58, 149-156. | 1.9 | 11 |
| 41 | Gene expression of C-type natriuretic peptide and of its specific receptor NPR-B in human leukocytes of healthy and heart failure subjects. <i>Peptides</i> , 2012, 37, 240-246. | 2.4 | 11 |
| 42 | Adenosine receptor expression in an experimental animal model of myocardial infarction with preserved left ventricular ejection fraction. <i>Heart and Vessels</i> , 2014, 29, 513-519. | 1.2 | 11 |
| 43 | Cardiac molecular markers of programmed cell death are activated in end-stage heart failure patients supported by left ventricular assist device. <i>Cardiovascular Pathology</i> , 2014, 23, 272-282. | 1.6 | 11 |
| 44 | Connexin 26 Expression in Mammalian Cardiomyocytes. <i>Scientific Reports</i> , 2018, 8, 13975. | 3.3 | 11 |
| 45 | Tuscany Sangiovese grape juice imparts cardioprotection by regulating gene expression of cardioprotective C-type natriuretic peptide. <i>European Journal of Nutrition</i> , 2020, 59, 2953-2968. | 3.9 | 11 |
| 46 | Circulating microRNAs associated with C-type natriuretic peptide in childhood obesity. <i>Peptides</i> , 2020, 133, 170387. | 2.4 | 11 |
| 47 | Ageing and biomarkers: Transcriptional levels evaluation of Osteopontin/miRNA-181a axis in hepatic tissue of rats in different age ranges. <i>Experimental Gerontology</i> , 2020, 133, 110879. | 2.8 | 11 |
| 48 | Relationship Between Myocardial Redox State and Matrix Metalloproteinase Activity in Patients on Left Ventricular Assist Device Support. <i>Circulation Journal</i> , 2011, 75, 2387-2396. | 1.6 | 10 |
| 49 | Regional evidence of modulation of cardiac adiponectin level in dilated cardiomyopathy: pilot study in a porcine animal model. <i>Cardiovascular Diabetology</i> , 2012, 11, 143. | 6.8 | 10 |
| 50 | Uncovering the cathepsin system in heart failure patients submitted to Left Ventricular Assist Device (LVAD) implantation. <i>Journal of Translational Medicine</i> , 2014, 12, 350. | 4.4 | 10 |
| 51 | Caspase-1 transcripts in failing human heart after mechanical unloading. <i>Cardiovascular Pathology</i> , 2015, 24, 11-18. | 1.6 | 10 |
| 52 | Evaluation of Apelin/APJ system expression in hepatocellular carcinoma as a function of clinical severity. <i>Clinical and Experimental Medicine</i> , 2021, 21, 269-275. | 3.6 | 10 |
| 53 | Pacing-Induced Regional Differences in Adenosine Receptors mRNA Expression in a Swine Model of Dilated Cardiomyopathy. <i>PLoS ONE</i> , 2012, 7, e47011. | 2.5 | 9 |
| 54 | Lung inflammation after bleomycin treatment in mice: Selection of an accurate normalization strategy for gene expression analysis in an ex-vivo and in-vitro model. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 88, 145-154. | 2.8 | 9 |

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|----|---|-----|-----------|
| 55 | miRNA and long non-coding RNA transcriptional expression in hepatocellular carcinoma cell line-secreted extracellular vesicles. <i>Clinical and Experimental Medicine</i> , 2022, 22, 245-255. | 3.6 | 9 |
| 56 | Leptin resistance before and after obesity: evidence that tissue glucose uptake underlies adipocyte enlargement and liver steatosis/steatohepatitis in Zucker rats from early-life stages. <i>International Journal of Obesity</i> , 2022, 46, 50-58. | 3.4 | 9 |
| 57 | Adrenomedullin and intermedin gene transcription is increased in leukocytes of patients with chronic heart failure at different stages of the disease. <i>Peptides</i> , 2014, 55, 13-16. | 2.4 | 8 |
| 58 | Reappraisal of Quantitative Gel Zymography for Matrix Metalloproteinases. <i>Journal of Clinical Laboratory Analysis</i> , 2014, 28, 374-380. | 2.1 | 8 |
| 59 | Altered expression of connexin 43 and related molecular partners in a pig model of left ventricular dysfunction with and without dipyridamole therapy. <i>Pharmacological Research</i> , 2015, 95-96, 92-101. | 7.1 | 8 |
| 60 | Time-course of circulating cardiac and inflammatory biomarkers after Ventricular Assist Device implantation: Comparison between paediatric and adult patients. <i>Clinica Chimica Acta</i> , 2018, 486, 88-93. | 1.1 | 8 |
| 61 | High peripheral levels of h-FABP are associated with poor prognosis in end-stage heart failure patients with mechanical circulatory support. <i>Biomarkers in Medicine</i> , 2013, 7, 481-492. | 1.4 | 7 |
| 62 | Evaluation of transcriptional levels of the natriuretic peptides, endothelin-1, adrenomedullin, their receptors and long non-coding RNAs in rat cardiac tissue as cardiovascular biomarkers of aging. <i>Peptides</i> , 2020, 123, 170173. | 2.4 | 7 |
| 63 | Heart and liver connexin expression related to the first stage of aging: A study on naturally aged animals. <i>Acta Histochemica</i> , 2020, 122, 151651. | 1.8 | 7 |
| 64 | Screening and Identification of Putative Long Non-Coding RNA in Childhood Obesity: Evaluation of Their Transcriptional Levels. <i>Biomedicines</i> , 2022, 10, 529. | 3.2 | 7 |
| 65 | Apoptotic transcriptional profile remains activated in late remodeled left ventricle after myocardial infarction in swine infarcted hearts with preserved ejection fraction. <i>Pharmacological Research</i> , 2013, 70, 41-49. | 7.1 | 6 |
| 66 | Transcriptomic Profiling of the Four Adenosine Receptors in Human Leukocytes of Heart Failure Patients. <i>BioMed Research International</i> , 2013, 2013, 1-6. | 1.9 | 6 |
| 67 | Endothelin system mRNA variation in the heart of Zucker rats: Evaluation of a possible balance with natriuretic peptides. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 1166-1173. | 2.6 | 6 |
| 68 | Do pentraxin 3 and neural pentraxin 2 have different facet function in hepatocellular carcinoma?. <i>Clinical and Experimental Medicine</i> , 2021, 21, 555-562. | 3.6 | 6 |
| 69 | Relation between adiponectin and brain natriuretic peptide in healthy pediatric subjects: From birth through childhood. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 657-661. | 2.6 | 5 |
| 70 | C-type natriuretic peptide transcriptomic profiling increases in human leukocytes of patients with chronic heart failure as a function of clinical severity. <i>Peptides</i> , 2013, 47, 110-114. | 2.4 | 5 |
| 71 | Transcriptional Alterations of ET-1 Axis and DNA Damage in Lung Tissue of a Rat Obesity Model. <i>DNA and Cell Biology</i> , 2015, 34, 170-177. | 1.9 | 5 |
| 72 | Variations of circulating miRNA in paediatric patients with Heart Failure supported with Ventricular Assist Device: a pilot study. <i>Scientific Reports</i> , 2020, 10, 5905. | 3.3 | 5 |

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|----|--|-----|-----------|
| 73 | Adenosine Receptor Expression and Gene Reference Evaluation in Human Leukocytes. <i>Clinical Laboratory</i> , 2013, 59, 571-7. | 0.5 | 5 |
| 74 | Sequencing and cardiac expression of Apelin in Sus Scrofa. <i>Pharmacological Research</i> , 2009, 60, 314-319. | 7.1 | 4 |
| 75 | Heart-type fatty acid binding protein is an early marker of myocardial damage after radiofrequency catheter ablation. <i>Clinical Biochemistry</i> , 2010, 43, 1241-1245. | 1.9 | 4 |
| 76 | Adiponectin plasma levels decrease after surgery in pediatric patients with congenital heart disease. <i>Clinical Biochemistry</i> , 2012, 45, 1510-1512. | 1.9 | 4 |
| 77 | SQPR 3.0: A Sensorized Bioreactor for Modulating Cardiac Phenotype. <i>Procedia Engineering</i> , 2013, 59, 219-225. | 1.2 | 4 |
| 78 | Transcriptional evaluation of relaxin and endothelin-1 axis in heart failure patients: First evidence of its involvement during left ventricular assist device support. <i>International Journal of Cardiology</i> , 2020, 306, 109-115. | 1.7 | 4 |
| 79 | Data mining of key genes expression in hepatocellular carcinoma: novel potential biomarkers of diagnosis prognosis or progression. <i>Clinical and Experimental Metastasis</i> , 2022, 39, 589-602. | 3.3 | 4 |
| 80 | Exploring PTX3 expression in Sus scrofa cardiac tissue using RNA sequencing. <i>Regulatory Peptides</i> , 2012, 174, 1-5. | 1.9 | 3 |
| 81 | Adenosine receptors expression in cardiac fibroblasts of patients with left ventricular dysfunction due to valvular disease. <i>Journal of Receptor and Signal Transduction Research</i> , 2017, 37, 283-289. | 2.5 | 3 |
| 82 | Assessment of RANKL/RANK/osteoprotegerin system expression in patients with hepatocellular carcinoma. <i>Minerva Endocrinology</i> , 0, , . | 1.1 | 3 |
| 83 | Epigenetic Regulation of Cardiac Troponin Genes in Pediatric Patients with Heart Failure Supported by Ventricular Assist Device. <i>Biomedicines</i> , 2021, 9, 1409. | 3.2 | 3 |
| 84 | Adenosine Receptor Transcriptomic Profile in Cardiac Tissue of a Zucker Rat Model. <i>DNA and Cell Biology</i> , 2015, 34, 333-341. | 1.9 | 2 |
| 85 | Dipyridamole-induced C-type natriuretic peptide mRNA overexpression in a minipig model of pacing-induced left ventricular dysfunction. <i>Peptides</i> , 2015, 64, 67-73. | 2.4 | 1 |
| 86 | New cardiac expression of two adenosine-2A receptor isoforms in dysfunctioning minipigs. <i>Journal of Receptor and Signal Transduction Research</i> , 2017, 37, 379-385. | 2.5 | 1 |
| 87 | Relationship between inflammatory parameters and cardiovascular and lifestyle factors in the Mugello study oldest old. <i>Biomarkers in Medicine</i> , 2018, 12, 1115-1124. | 1.4 | 1 |
| 88 | Assessment of RANKL/RANK/osteoprotegerin system expression in patients with hepatocellular carcinoma. <i>Minerva Endocrinology</i> , 2021, 46, 367-369. | 1.1 | 1 |
| 89 | Long Non-Coding RNAs and Obesity: New Potential Pathogenic Biomarkers. <i>Current Pharmaceutical Design</i> , 2022, 28, 1592-1605. | 1.9 | 1 |
| 90 | Characterization of novel 3' untranslated regions and related polymorphisms of the gene NPPC, encoding for the C-type natriuretic peptide. <i>Peptides</i> , 2013, 44, 93-99. | 2.4 | 0 |

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|----|---|-----|-----------|
| 91 | C-type natriuretic peptide in childhood obesity. <i>Peptides</i> , 2021, 145, 170639. | 2.4 | 0 |