Manuela Cabiati

List of Publications by Year
in descending order

91 papers	1,467 citations	331670 21 h-index	395702 33 g-index
95 all docs	95 docs citations	95 times ranked	2104 citing authors

#	Article	IF	Citations
1	miRNA and long non-coding RNA transcriptional expression in hepatocellular carcinoma cell line-secreted extracellular vesicles. Clinical and Experimental Medicine, 2022, 22, 245-255.	3.6	9
2	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. International Journal of Obesity, 2022, 46, 50-58.	3.4	9
3	Long Non-Coding RNAs and Obesity: New Potential Pathogenic Biomarkers. Current Pharmaceutical Design, 2022, 28, 1592-1605.	1.9	1
4	Screening and Identification of Putative Long Non-Coding RNA in Childhood Obesity: Evaluation of Their Transcriptional Levels. Biomedicines, 2022, 10, 529.	3.2	7
5	Data mining of key genes expression in hepatocellular carcinoma: novel potential biomarkers of diagnosis prognosis or progression. Clinical and Experimental Metastasis, 2022, 39, 589-602.	3.3	4
6	Evaluation of Apelin/APJ system expression in hepatocellular carcinoma as a function of clinical severity. Clinical and Experimental Medicine, 2021, 21, 269-275.	3.6	10
7	Do pentraxin 3 and neural pentraxin 2 have different facet function in hepatocellular carcinoma?. Clinical and Experimental Medicine, 2021, 21, 555-562.	3.6	6
8	C-type natriuretic peptide in childhood obesity. Peptides, 2021, 145, 170639.	2.4	0
9	Epigenetic Regulation of Cardiac Troponin Genes in Pediatric Patients with Heart Failure Supported by Ventricular Assist Device. Biomedicines, 2021, 9, 1409.	3.2	3
10	Assessment of RANKL/RANK/osteoprotegerin system expression in patients with hepatocellular carcinoma. Minerva Endocrinology, 2021, 46, 367-369.	1.1	1
11	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. Peptides, 2020, 123, 170173.	2.4	7
12	Tuscany Sangiovese grape juice imparts cardioprotection by regulating gene expression of cardioprotective C-type natriuretic peptide. European Journal of Nutrition, 2020, 59, 2953-2968.	3.9	11
13	C-type natriuretic peptide plasma levels and whole blood mRNA expression show different trends in adolescents with different degree of endothelial dysfunction. Peptides, 2020, 124, 170218.	2.4	12
14	Heart and liver connexin expression related to the first stage of aging: A study on naturally aged animals. Acta Histochemica, 2020, 122, 151651.	1.8	7
15	Circulating microRNAs associated with C-type natriuretic peptide in childhood obesity. Peptides, 2020, 133, 170387.	2.4	11
16	Transcriptional evaluation of relaxin and endothelin-1 axis in heart failure patients: First evidence of its involvement during left ventricular assist device support. International Journal of Cardiology, 2020, 306, 109-115.	1.7	4
17	Aging and biomarkers: Transcriptional levels evaluation of Osteopontin/miRNA-181a axis in hepatic tissue of rats in different age ranges. Experimental Gerontology, 2020, 133, 110879.	2.8	11
18	Variations of circulating miRNA in paediatric patients with Heart Failure supported with Ventricular Assist Device: a pilot study. Scientific Reports, 2020, 10, 5905.	3.3	5

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19	Evaluation of an Integrated System of Wearable Physiological Sensors for Stress Monitoring in Working Environments by Using Biological Markers. IEEE Transactions on Biomedical Engineering, 2018, 65, 1748-1758.	4.2	105
20	Cardiac tissue regeneration: A preliminary study on carbonâ€based nanotubes gelatin scaffold. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 2750-2762.	3.4	22
21	Connexin 26 Expression in Mammalian Cardiomyocytes. Scientific Reports, 2018, 8, 13975.	3.3	11
22	Relationship between inflammatory parameters and cardiovascular and lifestyle factors in the Mugello study oldest old. Biomarkers in Medicine, 2018, 12, 1115-1124.	1.4	1
23	Time-course of circulating cardiac and inflammatory biomarkers after Ventricular Assist Device implantation: Comparison between paediatric and adult patients. Clinica Chimica Acta, 2018, 486, 88-93.	1.1	8
24	Biomimetic engineering of the cardiac tissue through processing, functionalization, and biological characterization of polyester urethanes. Biomedical Materials (Bristol), 2018, 13, 055006.	3.3	16
25	New cardiac expression of two adenosine-2A receptor isoforms in dysfunctioning minipigs. Journal of Receptor and Signal Transduction Research, 2017, 37, 379-385.	2.5	1
26	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. International Journal of Biochemistry and Cell Biology, 2017, 88, 145-154.	2.8	9
27	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
28	Increased FNDC5/Irisin expression in human hepatocellular carcinoma. Peptides, 2017, 88, 62-66.	2.4	52
29	Osteopontin in hepatocellular carcinoma: A possible biomarker for diagnosis and follow-up. Cytokine, 2017, 99, 59-65.	3.2	45
30	Adenosine receptors expression in cardiac fibroblasts of patients with left ventricular dysfunction due to valvular disease. Journal of Receptor and Signal Transduction Research, 2017, 37, 283-289.	2.5	3
31	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
32	C-type natriuretic peptide is closely associated to obesity in Caucasian adolescents. Clinica Chimica Acta, 2016, 460, 172-177.	1.1	19
33	Gene silencing of endothelial von Willebrand Factor attenuates angiotensin II-induced endothelin-1 expression in porcine aortic endothelial cells. Scientific Reports, 2016, 6, 30048.	3.3	29
34	Distribution of circulating cardiac biomarkers in healthy children: from birth through adulthood. Biomarkers in Medicine, 2016, 10, 357-365.	1.4	18
35	Mid-regional-pro-adrenomedullin plasma levels are increased in obese adolescents. European Journal of Nutrition, 2016, 55, 1255-1260.	3.9	17
36	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

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37	Adenosine Receptor Transcriptomic Profile in Cardiac Tissue of a Zucker Rat Model. DNA and Cell Biology, 2015, 34, 333-341.	1.9	2
38	Dipyridamole-induced C-type natriuretic peptide mRNA overexpression in a minipig model of pacing-induced left ventricular dysfunction. Peptides, 2015, 64, 67-73.	2.4	1
39	Transcriptional Alterations of ET-1 Axis and DNA Damage in Lung Tissue of a Rat Obesity Model. DNA and Cell Biology, 2015, 34, 170-177.	1.9	5
40	Altered expression of connexin 43 and related molecular partners in a pig model of left ventricular dysfunction with and without dipyrydamole therapy. Pharmacological Research, 2015, 95-96, 92-101.	7.1	8
41	Caspase-1 transcripts in failing human heart after mechanical unloading. Cardiovascular Pathology, 2015, 24, 11-18.	1.6	10
42	Uncovering the cathepsin system in heart failure patients submitted to Left Ventricular Assist Device (LVAD) implantation. Journal of Translational Medicine, 2014, 12, 350.	4.4	10
43	Natriuretic Peptide System and the Heart. Frontiers of Hormone Research, 2014, 43, 134-143.	1.0	19
44	Adrenomedullin and intermedin gene transcription is increased in leukocytes of patients with chronic heart failure at different stages of the disease. Peptides, 2014, 55, 13-16.	2.4	8
45	Adenosine receptor expression in an experimental animal model of myocardial infarction with preserved left ventricular ejection fraction. Heart and Vessels, 2014, 29, 513-519.	1.2	11
46	Back to the heart: The protective role of adiponectin. Pharmacological Research, 2014, 82, 9-20.	7.1	55
47	Reappraisal of Quantitative Gel Zymography for Matrix Metalloproteinases. Journal of Clinical Laboratory Analysis, 2014, 28, 374-380.	2.1	8
48	Cardiac molecular markers of programmed cell death are activated in end-stage heart failure patients supported by left ventricular assist device. Cardiovascular Pathology, 2014, 23, 272-282.	1.6	11
49	Endothelin system mRNA variation in the heart of Zucker rats: Evaluation of a possible balance with natriuretic peptides. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 1166-1173.	2.6	6
50	The role of the adenosinergic system in lung fibrosis. Pharmacological Research, 2013, 76, 182-189.	7.1	39
51	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
52	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. International Journal of Cardiology, 2013, 168, 2426-2434.	1.7	30
53	SQPR 3.0: A Sensorized Bioreactor for Modulating Cardiac Phenotype. Procedia Engineering, 2013, 59, 219-225.	1.2	4
54	Relation between adiponectin and brain natriuretic peptide in healthy pediatric subjects: From birth through childhood. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 657-661.	2.6	5

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55	C-type natriuretic peptide transcriptomic profiling increases in human leukocytes of patients with chronic heart failure as a function of clinical severity. Peptides, 2013, 47, 110-114.	2.4	5
56	C-type natriuretic peptide plasma levels are reduced in obese adolescents. Peptides, 2013, 50, 50-54.	2.4	14
57	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
58	Apoptotic transcriptional profile remains activated in late remodeled left ventricle after myocardial infarction in swine infarcted hearts with preserved ejection fraction. Pharmacological Research, 2013, 70, 41-49.	7.1	6
59	Characterization of novel 3′untranslated regions and related polymorphisms of the gene NPPC, encoding for the C-type natriuretic peptide. Peptides, 2013, 44, 93-99.	2.4	0
60	High peripheral levels of h-FABP are associated with poor prognosis in end-stage heart failure patients with mechanical circulatory support. Biomarkers in Medicine, 2013, 7, 481-492.	1.4	7
61	Transcriptomic Profiling of the Four Adenosine Receptors in Human Leukocytes of Heart Failure Patients. BioMed Research International, 2013, 2013, 1-6.	1.9	6
62	IL-33/ST2 Pathway and Classical Cytokines in End-Stage Heart Failure Patients Submitted to Left Ventricular Assist Device Support: A Paradoxic Role for Inflammatory Mediators?. Mediators of Inflammation, 2013, 2013, 1-9.	3.0	26
63	Impact of Obesity on the Expression Profile of Natriuretic Peptide System in a Rat Experimental Model. PLoS ONE, 2013, 8, e72959.	2.5	30
64	Adenosine Receptor Expression and Gene Reference Evaluation in Human Leukocytes. Clinical Laboratory, 2013, 59, 571-7.	0.5	5
65	Tissue-specific selection of stable reference genes for real-time PCR normalization in an obese rat model. Journal of Molecular Endocrinology, 2012, 48, 251-260.	2.5	46
66	Trimetazidine Reduces Endogenous Free Fatty Acid Oxidation and Improves Myocardial Efficiency in Obese Humans. Cardiovascular Therapeutics, 2012, 30, 333-341.	2.5	34
67	Adiponectin plasma levels decrease after surgery in pediatric patients with congenital heart disease. Clinical Biochemistry, 2012, 45, 1510-1512.	1.9	4
68	Plasma C-type natriuretic peptide levels in healthy children. Peptides, 2012, 33, 83-86.	2.4	16
69	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. Journal of Heart and Lung Transplantation, 2012, 31, 625-633.	0.6	37
70	Regional evidence of modulation of cardiac adiponectin level in dilated cardiomyopathy: pilot study in a porcine animal model. Cardiovascular Diabetology, 2012, 11, 143.	6.8	10
71	The natriuretic peptide time-course in end-stage heart failure patients supported by left ventricular assist device implant: Focus on NT-proCNP. Peptides, 2012, 36, 192-198.	2.4	12
72	Gene expression of C-type natriuretic peptide and of its specific receptor NPR-B in human leukocytes of healthy and heart failure subjects. Peptides, 2012, 37, 240-246.	2.4	11

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73	Pacing-Induced Regional Differences in Adenosine Receptors mRNA Expression in a Swine Model of Dilated Cardiomyopathy. PLoS ONE, 2012, 7, e47011.	2.5	9
74	Exploring PTX3 expression in Sus scrofa cardiac tissue using RNA sequencing. Regulatory Peptides, 2012, 174, 1-5.	1.9	3
75	Severity of regional myocardial dysfunction is not affected by cardiomyocyte apoptosis in non-ischemic heart failure. Pharmacological Research, 2011, 63, 207-215.	7.1	11
76	Expression of C-type natriuretic peptide and its receptor NPR-B in cardiomyocytes. Peptides, 2011, 32, 1713-1718.	2.4	68
77	Adenosine Receptor mRNA Expression in Normal and Failing Minipig Hearts. Journal of Cardiovascular Pharmacology, 2011, 58, 149-156.	1.9	11
78	Relationship Between Myocardial Redox State and Matrix Metalloproteinase Activity in Patients on Left Ventricular Assist Device Support. Circulation Journal, 2011, 75, 2387-2396.	1.6	10
79	Adiponectin is associated with abnormal lipid profile and coronary microvascular dysfunction in patients with dilated cardiomyopathy without overt heart failure. Metabolism: Clinical and Experimental, 2011, 60, 227-233.	3.4	29
80	Comparison of NT-proCNP and CNP plasma levels in heart failure, diabetes and cirrhosis patients. Regulatory Peptides, 2011, 166, 15-20.	1.9	33
81	Selection of reference genes for normalization of real-time PCR data in minipig heart failure model and evaluation of TNF-l± mRNA expression. Journal of Biotechnology, 2011, 153, 92-99.	3.8	50
82	Heart-type fatty acid binding protein is an early marker of myocardial damage after radiofrequency catheter ablation. Clinical Biochemistry, 2010, 43, 1241-1245.	1.9	4
83	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
84	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
85	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
86	Asymmetrical myocardial expression of natriuretic peptides in pacing-induced heart failure. Peptides, 2009, 30, 1710-1713.	2.4	26
87	Sequencing and cardiac expression of Apelin in Sus Scrofaâ˜†. Pharmacological Research, 2009, 60, 314-319.	7.1	4
88	C-type natriuretic peptide and its relation to non-invasive indices of left ventricular function in patients with chronic heart failure. Peptides, 2008, 29, 79-82.	2.4	26
89	Expression of C-type natriuretic peptide and of its receptor NPR-B in normal and failing heart. Peptides, 2008, 29, 2208-2215.	2.4	66
90	Sequencing and cardiac expression of natriuretic peptide receptor 2 (NPR-B) in Sus Scrofa. Peptides, 2007, 28, 1390-1396.	2.4	18

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91	Assessment of RANKL/RANK/osteoprotegerin system expression in patients with hepatocellular carcinoma. Minerva Endocrinology, 0, , .	1.1	3