

Manuela Cabiati

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88

papers

1,117

citations

20

h-index

28

g-index

95

ext. papers

1,324

ext. citations

4.2

avg, IF

4.01

L-index

#	Paper	IF	Citations
88	Expression of C-type natriuretic peptide and its receptor NPR-B in cardiomyocytes. <i>Peptides</i> , 2011 , 32, 1713-8	3.8	62
87	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	5	58
86	Expression of C-type natriuretic peptide and of its receptor NPR-B in normal and failing heart. <i>Peptides</i> , 2008 , 29, 2208-15	3.8	58
85	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, 92-9	3.7	47
84	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, 251-60	4.5	42
83	Increased FNDC5/Irisin expression in human hepatocellular carcinoma. <i>Peptides</i> , 2017 , 88, 62-66	3.8	39
82	Back to the heart: the protective role of adiponectin. <i>Pharmacological Research</i> , 2014 , 82, 9-20	10.2	38
81	The role of the adenosinergic system in lung fibrosis. <i>Pharmacological Research</i> , 2013 , 76, 182-9	10.2	33
80	Trimetazidine reduces endogenous free fatty acid oxidation and improves myocardial efficiency in obese humans. <i>Cardiovascular Therapeutics</i> , 2012 , 30, 333-41	3.3	31
79	Comparison of NT-proCNP and CNP plasma levels in heart failure, diabetes and cirrhosis patients. <i>Regulatory Peptides</i> , 2011 , 166, 15-20		29
78	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, 625-33	5.8	27
77	Osteopontin in hepatocellular carcinoma: A possible biomarker for diagnosis and follow-up. <i>Cytokine</i> , 2017 , 99, 59-65	4	26
76	Asymmetrical myocardial expression of natriuretic peptides in pacing-induced heart failure. <i>Peptides</i> , 2009 , 30, 1710-3	3.8	26
75	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?. <i>Mediators of Inflammation</i> , 2013 , 2013, 498703	4.3	25
74	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, 2426-34	3.2	24
73	Impact of obesity on the expression profile of natriuretic peptide system in a rat experimental model. <i>PLoS ONE</i> , 2013 , 8, e72959	3.7	23
72	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	3.8	22

71	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	4.9	21
70	Recent advances on natriuretic peptide system: new promising therapeutic targets for the treatment of heart failure. <i>Pharmacological Research</i> , 2013 , 76, 190-8	10.2	20
69	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, 227-33	12.7	20
68	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. <i>Cytokine</i> , 2013 , 63, 113-22	4	18
67	Sequencing and cardiac expression of natriuretic peptide receptor 2 (NPR-B) in Sus Scrofa. <i>Peptides</i> , 2007 , 28, 1390-6	3.8	18
66	Cardiac tissue regeneration: A preliminary study on carbon-based nanotubes gelatin scaffold. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018 , 106, 2750-2762	3.5	17
65	Natriuretic peptide system and the heart. <i>Frontiers of Hormone Research</i> , 2014 , 43, 134-43	3.5	16
64	Plasma C-type natriuretic peptide levels in healthy children. <i>Peptides</i> , 2012 , 33, 83-6	3.8	16
63	C-type natriuretic peptide is closely associated to obesity in Caucasian adolescents. <i>Clinica Chimica Acta</i> , 2016 , 460, 172-7	6.2	13
62	Searching Novel Therapeutic Targets for Scleroderma: P2X7-Receptor Is Up-regulated and Promotes a Fibrogenic Phenotype in Systemic Sclerosis Fibroblasts. <i>Frontiers in Pharmacology</i> , 2017 , 8, 638	5.6	13
61	Effects of obesity on IL-33/ST2 system in heart, adipose tissue and liver: study in the experimental model of Zucker rats. <i>Experimental and Molecular Pathology</i> , 2017 , 102, 354-359	4.4	12
60	Biomimetic engineering of the cardiac tissue through processing, functionalization, and biological characterization of polyester urethanes. <i>Biomedical Materials (Bristol)</i> , 2018 , 13, 055006	3.5	12
59	A methodological reappraisal of total and high molecular weight adiponectin determination in human peripheral circulation: comparison of four immunometric assays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 561-8	5.9	12
58	Sequencing and cardiac expression of natriuretic peptide receptors A and C in normal and heart failure pigs. <i>Regulatory Peptides</i> , 2010 , 162, 12-7		12
57	Severity of regional myocardial dysfunction is not affected by cardiomyocyte apoptosis in non-ischemic heart failure. <i>Pharmacological Research</i> , 2011 , 63, 207-15	10.2	11
56	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, 272-82	3.8	10
55	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, 192-8	3.8	10
54	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, 240-6	3.8	10

53	Adenosine receptor mRNA expression in normal and failing minipig hearts. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 58, 149-56	3.1	10
52	Relationship between myocardial redox state and matrix metalloproteinase activity in patients on left ventricular assist device support. <i>Circulation Journal</i> , 2011 , 75, 2387-96	2.9	10
51	Increased plasma levels of osteopontin are associated with activation of the renin-aldosterone system and with myocardial and coronary microvascular damage in dilated cardiomyopathy. <i>Cytokine</i> , 2010 , 49, 325-30	4	10
50	Myocardial Expression Analysis of Osteopontin and Its Splice Variants in Patients Affected by End-Stage Idiopathic or Ischemic Dilated Cardiomyopathy. <i>PLoS ONE</i> , 2016 , 11, e0160110	3.7	10
49	Caspase-1 transcripts in failing human heart after mechanical unloading. <i>Cardiovascular Pathology</i> , 2015 , 24, 11-8	3.8	9
48	C-type natriuretic peptide plasma levels are reduced in obese adolescents. <i>Peptides</i> , 2013 , 50, 50-4	3.8	9
47	Pacing-induced regional differences in adenosine receptors mRNA expression in a swine model of dilated cardiomyopathy. <i>PLoS ONE</i> , 2012 , 7, e47011	3.7	9
46	Connexin 26 Expression in Mammalian Cardiomyocytes. <i>Scientific Reports</i> , 2018 , 8, 13975	4.9	9
45	Mid-regional-pro-adrenomedullin plasma levels are increased in obese adolescents. <i>European Journal of Nutrition</i> , 2016 , 55, 1255-60	5.2	8
44	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	10.2	8
43	Distribution of circulating cardiac biomarkers in healthy children: from birth through adulthood. <i>Biomarkers in Medicine</i> , 2016 , 10, 357-65	2.3	8
42	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	8.5	8
41	Adenosine receptor expression in an experimental animal model of myocardial infarction with preserved left ventricular ejection fraction. <i>Heart and Vessels</i> , 2014 , 29, 513-9	2.1	8
40	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	8.7	8
39	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, 13-6	3.8	7
38	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, 481-92	2.3	7
37	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, 1166-73	4.5	6
36	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	3.8	6

35	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	4.9	6
34	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	5.6	5
33	Aging 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	4.5	5
32	Reappraisal of quantitative gel zymography for matrix metalloproteinases. <i>Journal of Clinical Laboratory Analysis</i> , 2014 , 28, 374-80	3	5
31	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, 110-4	3.8	5
30	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, 41-9	10.2	5
29	Relation between adiponectin and brain natriuretic peptide in healthy pediatric subjects: from birth through childhood. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 657-61	4.5	4
28	Transcriptomic profiling of the four adenosine receptors in human leukocytes of heart failure patients. <i>BioMed Research International</i> , 2013 , 2013, 569438	3	4
27	Sequencing and cardiac expression of Apelin in Sus Scrofa. <i>Pharmacological Research</i> , 2009 , 60, 314-9	10.2	4
26	Adenosine receptor expression and gene reference evaluation in human leukocytes. <i>Clinical Laboratory</i> , 2013 , 59, 571-7	2	4
25	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	2	4
24	Circulating microRNAs associated with C-type natriuretic peptide in childhood obesity. <i>Peptides</i> , 2020 , 133, 170387	3.8	3
23	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	4.9	3
22	SQPR 3.0: A Sensorized Bioreactor for Modulating Cardiac Phenotype. <i>Procedia Engineering</i> , 2013 , 59, 219-225		3
21	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, 170-7	3.6	3
20	Adiponectin plasma levels decrease after surgery in pediatric patients with congenital heart disease. <i>Clinical Biochemistry</i> , 2012 , 45, 1510-2	3.5	3
19	Heart-type fatty acid binding protein is an early marker of myocardial damage after radiofrequency catheter ablation. <i>Clinical Biochemistry</i> , 2010 , 43, 1241-5	3.5	3
18	Assessment of RANKL/RANK/osteoprotegerin system expression in patients with hepatocellular carcinoma. <i>Minerva Endocrinology</i> ,	2.5	3

17	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	5.2	3
16	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	3.8	3
15	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	3.2	2
14	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	6.2	2
13	Exploring PTX3 expression in Sus scrofa cardiac tissue using RNA sequencing. <i>Regulatory Peptides</i> , 2012 , 174, 1-5		2
12	Do pentraxin 3 and neural pentraxin 2 have different facet function in hepatocellular carcinoma?. <i>Clinical and Experimental Medicine</i> , 2021 , 21, 555-562	4.9	2
11	miRNA and long non-coding RNA transcriptional expression in hepatocellular carcinoma cell line-secreted extracellular vesicles. <i>Clinical and Experimental Medicine</i> , 2021 , 1	4.9	2
10	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	2.6	1
9	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	2.6	1
8	Adenosine receptor transcriptomic profile in cardiac tissue of a Zucker rat model. <i>DNA and Cell Biology</i> , 2015 , 34, 333-41	3.6	1
7	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	3.8	1
6	Epigenetic Regulation of Cardiac Troponin Genes in Pediatric Patients with Heart Failure Supported by Ventricular Assist Device. <i>Biomedicines</i> , 2021 , 9,	4.8	1
5	Assessment of RANKL/RANK/osteoprotegerin system expression in patients with hepatocellular carcinoma. <i>Minerva Endocrinology</i> , 2021 , 46, 367-369	2.5	1
4	Relationship between inflammatory parameters and cardiovascular and lifestyle factors in the Mugello study oldest old. <i>Biomarkers in Medicine</i> , 2018 , 12, 1115-1124	2.3	1
3	Data mining of key genes expression in hepatocellular carcinoma: novel potential biomarkers of diagnosis prognosis or progression.. <i>Clinical and Experimental Metastasis</i> , 2022 , 1	4.7	0
2	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, 93-9	3.8	
1	C-type natriuretic peptide in childhood obesity. <i>Peptides</i> , 2021 , 145, 170639	3.8	