

# Esther Rosell<sup>3</sup>-Llet<sup>3</sup>-

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

1,626  
citations

304368

22  
h-index

377514

34  
g-index

97  
all docs

97  
docs citations

97  
times ranked

2633  
citing authors

#	ARTICLE	IF	CITATIONS
1	Empagliflozin reduces the levels of CD36 and cardiotoxic lipids while improving autophagy in the hearts of Zucker diabetic fatty rats. <i>Biochemical Pharmacology</i> , 2019, 170, 113677.	2.0	102
2	Endolysosomal two-pore channels regulate autophagy in cardiomyocytes. <i>Journal of Physiology</i> , 2016, 594, 3061-3077.	1.3	70
3	Differential Gene Expression of Cardiac Ion Channels in Human Dilated Cardiomyopathy. <i>PLoS ONE</i> , 2013, 8, e79792.	1.1	64
4	Nesfatin-1 in Human and Murine Cardiomyocytes: Synthesis, Secretion, and Mobilization of GLUT-4. <i>Endocrinology</i> , 2013, 154, 4757-4767.	1.4	62
5	Endoplasmic Reticulum Stress Induces Different Molecular Structural Alterations in Human Dilated and Ischemic Cardiomyopathy. <i>PLoS ONE</i> , 2014, 9, e107635.	1.1	55
6	A simple validated method for predicting the risk of hospitalization for worsening of heart failure in ambulatory patients: the Redin-score. <i>European Journal of Heart Failure</i> , 2015, 17, 818-827.	2.9	50
7	Diagnostic and prognostic value of urine NT-proBNP levels in heart failure patients. <i>European Journal of Heart Failure</i> , 2006, 8, 621-627.	2.9	49
8	Adipokines and Inflammation: Focus on Cardiovascular Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7711.	1.8	48
9	The Adipokine Chemerin Induces Apoptosis in Cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 176-192.	1.1	44
10	Heart Failure Induces Significant Changes in Nuclear Pore Complex of Human Cardiomyocytes. <i>PLoS ONE</i> , 2012, 7, e48957.	1.1	41
11	iTRAQ proteomic analysis of extracellular matrix remodeling in aortic valve disease. <i>Scientific Reports</i> , 2015, 5, 17290.	1.6	36
12	Inflammatory Activation and Left Ventricular Mass in Essential Hypertension. <i>American Journal of Hypertension</i> , 2009, 22, 444-450.	1.0	35
13	RNA-sequencing analysis reveals new alterations in cardiomyocyte cytoskeletal genes in patients with heart failure. <i>Laboratory Investigation</i> , 2014, 94, 645-653.	1.7	35
14	Influence of heart failure on nucleocytoplasmic transport in human cardiomyocytes. <i>Cardiovascular Research</i> , 2010, 85, 464-472.	1.8	33
15	New Altered Non-Fibrillar Collagens in Human Dilated Cardiomyopathy: Role in the Remodeling Process. <i>PLoS ONE</i> , 2016, 11, e0168130.	1.1	32
16	Cardiac protein changes in ischaemic and dilated cardiomyopathy: a proteomic study of human left ventricular tissue. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2471-2486.	1.6	31
17	Association of the Thrombomodulin Gene c.1418C>T Polymorphism With Thrombomodulin Levels and With Venous Thrombosis Risk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1435-1440.	1.1	30
18	Variability of NT-proBNP plasma and urine levels in patients with stable heart failure: a 2-year follow-up study. <i>Heart</i> , 2007, 93, 957-962.	1.2	28

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19	Differential clinical characteristics and prognosis of intraventricular conduction defects in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2013, 15, 877-884.	2.9	27
20	20years of leptin: Role of leptin in cardiomyocyte physiology and physiopathology. <i>Life Sciences</i> , 2015, 140, 10-18.	2.0	27
21	Impact of Cardiovascular Risk Factors and Inflammatory Status on Urinary 8-OHdG in Essential Hypertension. <i>American Journal of Hypertension</i> , 2012, 25, 236-242.	1.0	24
22	Differences in MEF2 and NFAT Transcriptional Pathways According to Human Heart Failure Aetiology. <i>PLoS ONE</i> , 2012, 7, e30915.	1.1	24
23	Relaxin-2 in Cardiometabolic Diseases: Mechanisms of Action and Future Perspectives. <i>Frontiers in Physiology</i> , 2017, 8, 599.	1.3	24
24	Heart failure entails significant changes in human nucleocytoplasmic transport gene expression. <i>International Journal of Cardiology</i> , 2013, 168, 2837-2843.	0.8	23
25	RNA Sequencing Analysis and Atrial Natriuretic Peptide Production in Patients with Dilated and Ischemic Cardiomyopathy. <i>PLoS ONE</i> , 2014, 9, e90157.	1.1	23
26	Urinary B-Type Natriuretic Peptide Levels in the Diagnosis and Prognosis of Heart Failure. <i>Journal of Cardiac Failure</i> , 2007, 13, 549-555.	0.7	22
27	Circulating biomarkers of collagen metabolism in arterial hypertension. <i>Journal of Hypertension</i> , 2013, 31, 1611-1617.	0.3	21
28	SERCA2a: A potential non-invasive biomarker of cardiac allograft rejection. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 1322-1328.	0.3	20
29	Gene expression network analysis reveals new transcriptional regulators as novel factors in human ischemic cardiomyopathy. <i>BMC Medical Genomics</i> , 2015, 8, 14.	0.7	19
30	Human Ischemic Cardiomyopathy Shows Cardiac Nos1 Translocation and its Increased Levels are Related to Left Ventricular Performance. <i>Scientific Reports</i> , 2016, 6, 24060.	1.6	18
31	Thyroid hormone biosynthesis machinery is altered in the ischemic myocardium: An epigenomic study. <i>International Journal of Cardiology</i> , 2017, 243, 27-33.	0.8	17
32	Interleukin-4 and Cardiac Fibrosis in Patients With Heart Failure. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2007, 60, 777-780.	0.4	16
33	Influence of heart failure on nucleolar organization and protein expression in human hearts. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 222-228.	1.0	16
34	Heart Mitochondrial Proteome Study Elucidates Changes in Cardiac Energy Metabolism and Antioxidant PRDX3 in Human Dilated Cardiomyopathy. <i>PLoS ONE</i> , 2014, 9, e112971.	1.1	16
35	Patients with Dilated Cardiomyopathy and Sustained Monomorphic Ventricular Tachycardia Show Up-Regulation of KCNN3 and KCNJ2 Genes and CACNG8-Linked Left Ventricular Dysfunction. <i>PLoS ONE</i> , 2015, 10, e0145518.	1.1	16
36	<i>TRPM7</i> is downregulated in both left atria and left ventricle of ischaemic cardiomyopathy patients and highly related to changes in ventricular function. <i>ESC Heart Failure</i> , 2016, 3, 220-224.	1.4	16

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37	ATP synthase subunit alpha and LV mass in ischaemic human hearts. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 442-451.	1.6	15
38	Relaxin activates AMPK-AKT signaling and increases glucose uptake by cultured cardiomyocytes. <i>Endocrine</i> , 2018, 60, 103-111.	1.1	15
39	Myocardium of patients with dilated cardiomyopathy presents altered expression of genes involved in thyroid hormone biosynthesis. <i>PLoS ONE</i> , 2018, 13, e0190987.	1.1	15
40	New Cell Adhesion Molecules in Human Ischemic Cardiomyopathy. PCDHGA3 Implications in Decreased Stroke Volume and Ventricular Dysfunction. <i>PLoS ONE</i> , 2016, 11, e0160168.	1.1	15
41	Role of Sodium-Glucose Co-Transporter 2 Inhibitors in the Regulation of Inflammatory Processes in Animal Models. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5634.	1.8	15
42	A clinical perspective on the utility of alpha 1 antichymotrypsin for the early diagnosis of calcific aortic stenosis. <i>Clinical Proteomics</i> , 2017, 14, 12.	1.1	14
43	The altered expression of autophagy-related genes participates in heart failure: NRBP2 and CALCOCO2 are associated with left ventricular dysfunction parameters in human dilated cardiomyopathy. <i>PLoS ONE</i> , 2019, 14, e0215818.	1.1	14
44	Two-pore channels (TPCs): Novel voltage-gated ion channels with pleiotropic functions. <i>Channels</i> , 2017, 11, 20-33.	1.5	13
45	Intercalated disc in failing hearts from patients with dilated cardiomyopathy: Its role in the depressed left ventricular function. <i>PLoS ONE</i> , 2017, 12, e0185062.	1.1	13
46	ASB1 differential methylation in ischaemic cardiomyopathy: relationship with left ventricular performance in end-stage heart failure patients. <i>ESC Heart Failure</i> , 2018, 5, 732-737.	1.4	13
47	Plasma CD5L and non-invasive diagnosis of acute heart rejection. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 257-266.	0.3	13
48	BH4 Increases nNOS Activity and Preserves Left Ventricular Function in Diabetes. <i>Circulation Research</i> , 2021, 128, 585-601.	2.0	13
49	Impact of glomerular filtration rate on urinary BNP and NT-proBNP levels in heart failure. <i>Peptides</i> , 2012, 33, 354-358.	1.2	12
50	Timing, Etiology, and Location of First Infection in First Year After Heart Transplantation. <i>Transplantation Proceedings</i> , 2010, 42, 3017-3019.	0.3	11
51	Changes in human Golgi apparatus reflect new left ventricular dimensions and function in dilated cardiomyopathy patients. <i>European Journal of Heart Failure</i> , 2017, 19, 280-282.	2.9	11
52	Diagnostic value of serum miR-144-3p for the detection of acute cellular rejection in heart transplant patients. <i>Journal of Heart and Lung Transplantation</i> , 2021, , .	0.3	11
53	Variability of NT-proBNP and Its Relationship with Inflammatory Status in Patients with Stable Essential Hypertension: A 2-Year Follow-Up Study. <i>PLoS ONE</i> , 2012, 7, e31189.	1.1	10
54	Serelaxin (recombinant human relaxin-2) treatment affects the endogenous synthesis of long chain poly-unsaturated fatty acids and induces substantial alterations of lipidome and metabolome profiles in rat cardiac tissue. <i>Pharmacological Research</i> , 2019, 144, 51-65.	3.1	10

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55	Obese and Nonobese Patients With Essential Hypertension Show Similar N-terminal proBNP Plasma Levels. <i>American Journal of Hypertension</i> , 2008, 21, 820-825.	1.0	9
56	Circulating Sphingosine-1-Phosphate as A Non-Invasive Biomarker of Heart Transplant Rejection. <i>Scientific Reports</i> , 2019, 9, 13880.	1.6	9
57	Implication of Sphingolipid Metabolism Gene Dysregulation and Cardiac Sphingosine-1-Phosphate Accumulation in Heart Failure. <i>Biomedicines</i> , 2022, 10, 135.	1.4	9
58	Serum markers of apoptosis in the early period of heart transplantation. <i>Biomarkers</i> , 2012, 17, 254-260.	0.9	8
59	Long-Term Prognostic Implications of Metabolic Syndrome in Heart Transplant Recipients. <i>Transplantation Proceedings</i> , 2011, 43, 2257-2259.	0.3	7
60	Expression of B-type natriuretic peptide forms in ischemic human hearts. <i>International Journal of Cardiology</i> , 2012, 158, 199-204.	0.8	7
61	Differential gene expression of C-type natriuretic peptide and its related molecules in dilated and ischemic cardiomyopathy. A new option for the management of heart failure. <i>International Journal of Cardiology</i> , 2014, 174, e84-e86.	0.8	7
62	Metabolic alterations derived from absence of Two-Pore Channel 1 at cardiac level. <i>Journal of Biosciences</i> , 2016, 41, 643-658.	0.5	7
63	24h nesfatin-1 treatment promotes apoptosis in cardiomyocytes. <i>Endocrine</i> , 2016, 51, 551-555.	1.1	7
64	Circulating mitochondrial genes detect acute cardiac allograft rejection: Role of the mitochondrial calcium uniporter complex. <i>American Journal of Transplantation</i> , 2021, 21, 2056-2066.	2.6	7
65	Inflammation and Apoptosis in Hypertension. Relevance of the Extent of Target Organ Damage. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2012, 65, 819-825.	0.4	6
66	Relaxin has beneficial effects on liver lipidome and metabolic enzymes. <i>FASEB Journal</i> , 2021, 35, e21737.	0.2	6
67	Relaxin-2 as a Potential Biomarker in Cardiovascular Diseases. <i>Journal of Personalized Medicine</i> , 2022, 12, 1021.	1.1	6
68	Protein Inhibitor of NOS1 Plays a Central Role in the Regulation of NOS1 Activity in Human Dilated Hearts. <i>Scientific Reports</i> , 2016, 6, 30902.	1.6	5
69	Relationships of Telomere Homeostasis with Oxidative Stress and Cardiac Dysfunction in Human Ischaemic Hearts. <i>Antioxidants</i> , 2021, 10, 1750.	2.2	5
70	The Role of the Nuclear Lamins in the Pathogenesis of Heart Failure in Patients Undergoing Cardiac Transplantation. <i>Transplantation Proceedings</i> , 2009, 41, 2227-2230.	0.3	4
71	MMP-2 and sTNF-R1 Variability in Patients with Essential Hypertension: 1-Year Follow-Up Study. <i>ISRN Cardiology</i> , 2012, 2012, 1-7.	1.6	4
72	Urinary NT-proBNP: A Valuable Marker in the Assessment of Patients With Essential Hypertension. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2009, 62, 1322-1325.	0.4	3

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73	XPO1 Gene Therapy Attenuates Cardiac Dysfunction in Rats with Chronic Induced Myocardial Infarction. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 593-600.	1.1	3
74	Protocol for Isolation of Golgi Vesicles from Human and Animal Hearts by Flotation through a Discontinuous Sucrose Gradient. <i>STAR Protocols</i> , 2020, 1, 100100.	0.5	3
75	Plasma Levels of SERCA2a as a Noninvasive Biomarker of Primary Graft Dysfunction After Heart Transplantation. <i>Transplantation</i> , 2021, Publish Ahead of Print, .	0.5	3
76	Value of SERCA2a as a Biomarker for the Identification of Patients with Heart Failure Requiring Circulatory Support. <i>Journal of Personalized Medicine</i> , 2021, 11, 1122.	1.1	3
77	The Treatment With the SGLT2 Inhibitor Empagliflozin Modifies the Hepatic Metabolome of Male Zucker Diabetic Fatty Rats Towards a Protective Profile. <i>Frontiers in Pharmacology</i> , 2022, 13, 827033.	1.6	3
78	Urinary NT-proBNP Level: Relationship With Ventricular Function Parameters in Heart Failure. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2007, 60, 510-516.	0.4	2
79	Electron Microscopy Reveals Evidence of Perinuclear Clustering of Mitochondria in Cardiac Biopsy-Proven Allograft Rejection. <i>Journal of Personalized Medicine</i> , 2022, 12, 296.	1.1	2
80	Mycophenolate Acid vs Mycophenolate Mofetil Therapy. <i>Transplantation Proceedings</i> , 2010, 42, 3041-3043.	0.3	1
81	Alterations in the Nucleocytoplasmic Transport in Heart Transplant Rejection. <i>Transplantation Proceedings</i> , 2021, 53, 2718-2720.	0.3	1
82	DNMT3B System Dysregulation Contributes to the Hypomethylated State in Ischaemic Human Hearts. <i>Biomedicines</i> , 2022, 10, 866.	1.4	1
83	Molecular Alterations of Nucleocytoplasmic Transport in Patients on the Heart Transplantation Waiting List and Its Correlation With the Severity and Etiology of Heart Failure. <i>Transplantation Proceedings</i> , 2019, 51, 369-371.	0.3	0
84	119 Lamina-associated polypeptide 2, lamin A and p62 expression in ischemic and dilated cardiomyopathy. <i>European Journal of Heart Failure, Supplement</i> , 2007, 6, 29-29.	0.2	0
85	Cardiac Allograft Rejection Induces Changes in Nucleocytoplasmic Transport: RANGAP1 as a Potential Non-Invasive Biomarker. <i>Journal of Personalized Medicine</i> , 2022, 12, 913.	1.1	0