

Elena Revuelta

List of Publications by Year in descending order

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43
papers

705
citations

567281

15
h-index

580821

25
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46
all docs

46
docs citations

46
times ranked

1270
citing authors

#	ARTICLE	IF	CITATIONS
1	Finding a reliable assay for soluble neprilysin. <i>Clinical Biochemistry</i> , 2022, 104, 51-58.	1.9	1
2	Circulating virome and inflammatory proteome in patients with ST-elevation myocardial infarction and primary ventricular fibrillation. <i>Scientific Reports</i> , 2022, 12, 7910.	3.3	1
3	Soluble ST2 and Diuretic Efficiency in Acute Heart Failure and Concomitant Renal Dysfunction. <i>Journal of Cardiac Failure</i> , 2021, 27, 427-434.	1.7	9
4	Soluble Neprilysin and Corin Concentrations in Relation to Clinical Outcome in Chronic Heart Failure. <i>JACC: Heart Failure</i> , 2021, 9, 85-95.	4.1	12
5	Reply. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1026-1028.	2.8	0
6	Optimal carbohydrate antigen 125 cutpoint for identifying low-risk patients after admission for acute heart failure. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, , .	0.6	3
7	The influence of sex and body mass index on the association between soluble neprilysin and risk of heart failure hospitalizations. <i>Scientific Reports</i> , 2021, 11, 5940.	3.3	2
8	EpCAM and microvascular obstruction in patients with STEMI: a cardiac magnetic resonance study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, , .	0.6	1
9	Circulating neprilysin hypothesis: A new opportunity for sacubitril/valsartan in patients with heart failure and preserved ejection fraction?. <i>PLoS ONE</i> , 2021, 16, e0249674.	2.5	1
10	Reply. <i>JACC: Heart Failure</i> , 2021, 9, 407-408.	4.1	0
11	Decoding empagliflozin's molecular mechanism of action in heart failure with preserved ejection fraction using artificial intelligence. <i>Scientific Reports</i> , 2021, 11, 12025.	3.3	23
12	Pre-analytical considerations in biomarker research: focus on cardiovascular disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 1747-1760.	2.3	10
13	Marathon Running Increases Synthesis and Decreases Catabolism of Joint Cartilage Type II Collagen Accompanied by High-Energy Demands and an Inflammatory Reaction. <i>Frontiers in Physiology</i> , 2021, 12, 722718.	2.8	7
14	Deep Learning Analyses to Delineate the Molecular Remodeling Process after Myocardial Infarction. <i>Cells</i> , 2021, 10, 3268.	4.1	1
15	Role of PCSK9 in the course of ejection fraction change after ST-segment elevation myocardial infarction: a pilot study. <i>ESC Heart Failure</i> , 2020, 7, 118-123.	3.1	14
16	Highly sensitive troponin T dynamics and prognosis in asymptomatic severe aortic stenosis. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2020, 73, 1065-1066.	0.6	0
17	Clinical Role of CA125 in Worsening Heart Failure. <i>JACC: Heart Failure</i> , 2020, 8, 386-397.	4.1	57
18	Neprilysin inhibition, endorphin dynamics, and early symptomatic improvement in heart failure: a pilot study. <i>ESC Heart Failure</i> , 2020, 7, 559-566.	3.1	15

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19	Low-density lipoprotein receptor-related protein 1 deficiency in cardiomyocytes reduces susceptibility to insulin resistance and obesity. <i>Metabolism: Clinical and Experimental</i> , 2020, 106, 154191.	3.4	7
20	Differences in the Interleukin-1 β /Soluble ST2 Interplay Between Acute and Chronic Heart Failure. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 864-866.	2.4	1
21	Lung ultrasound and biomarkers in primary care: Partners for a better management of patients with heart failure?. <i>Journal of Circulating Biomarkers</i> , 2020, 9, 8-12.	1.3	3
22	Acute-phase dynamics and prognostic value of growth differentiation factor-15 in ST-elevation myocardial infarction. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1093-1101.	2.3	11
23	Protein-based cardiogenic shock patient classifier. <i>European Heart Journal</i> , 2019, 40, 2684-2694.	2.2	30
24	Head-to-head comparison of two engineered cardiac grafts for myocardial repair: From scaffold characterization to pre-clinical testing. <i>Scientific Reports</i> , 2018, 8, 6708.	3.3	45
25	Circulating miR-1254 predicts ventricular remodeling in patients with ST-Segment-Elevation Myocardial Infarction: A cardiovascular magnetic resonance study. <i>Scientific Reports</i> , 2018, 8, 15115.	3.3	21
26	ST2 and left ventricular remodeling after ST-segment elevation myocardial infarction: A cardiac magnetic resonance study. <i>International Journal of Cardiology</i> , 2018, 270, 336-342.	1.7	21
27	Relationship among LRP1 expression, Pyk2 phosphorylation and MMP α activation in left ventricular remodelling after myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1915-1928.	3.6	12
28	RAS Fingerprint. <i>Journal of the American College of Cardiology</i> , 2017, 69, 3010-3011.	2.8	0
29	Extracellular vesicles do not contribute to higher circulating levels of soluble LRP1 in idiopathic dilated cardiomyopathy. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 3000-3009.	3.6	9
30	Serum microRNA-1 and microRNA-133a levels reflect myocardial steatosis in uncomplicated type 2 diabetes. <i>Scientific Reports</i> , 2017, 7, 47.	3.3	88
31	Conformational and thermal characterization of left ventricle remodeling post-myocardial infarction. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1500-1509.	3.8	10
32	Differential Effect of Hypoxia in Human and Mouse Vascular Smooth Muscle Cell Migration through LRP1-pPyk2-MMP-9 Axis. <i>Conference Papers in Science</i> , 2015, 2015, 1-9.	0.3	1
33	Hypoxia worsens the impact of intracellular triglyceride accumulation promoted by electronegative low-density lipoprotein in cardiomyocytes by impairing perilipin 5 upregulation. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 65, 257-267.	2.8	12
34	K Domain CR9 of Low Density Lipoprotein (LDL) Receptor-related Protein 1 (LRP1) Is Critical for Aggregated LDL-induced Foam Cell Formation from Human Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 14852-14865.	3.4	48
35	Hypoxia-driven sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (SERCA2) downregulation depends on low-density lipoprotein receptor-related protein 1 (LRP1)-signalling in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 85, 25-36.	1.9	18
36	Cardiomyocyte intracellular cholesteryl ester accumulation promotes tropoelastin physical alteration and degradation. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 55, 209-219.	2.8	17

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37	Inverse relationship between raft LRP1 localization and non-raft ERK1,2/MMP9 activation in idiopathic dilated cardiomyopathy: Potential impact in ventricular remodeling. <i>International Journal of Cardiology</i> , 2014, 176, 805-814.	1.7	21
38	Lipopolysaccharide downregulates CD91/low-density lipoprotein receptor-related protein 1 expression through SREBP-1 overexpression in human macrophages. <i>Atherosclerosis</i> , 2013, 227, 79-88.	0.8	32
39	Hypoxia Induces Metalloproteinase-9 Activation and Human Vascular Smooth Muscle Cell Migration Through Low-Density Lipoprotein Receptor-Related Protein 1-Mediated Pyk2 Phosphorylation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2877-2887.	2.4	34
40	Aggregated Low-Density Lipoprotein Induces LRP1 Stabilization Through E3 Ubiquitin Ligase CHFR Downregulation in Human Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 369-377.	2.4	13
41	Effect of short- and long-term portal hypertension on adrenergic, nitrenergic and sensory functioning in rat mesenteric artery. <i>Clinical Science</i> , 2012, 122, 337-348.	4.3	16
42	Low-density lipoprotein receptor-related protein 1 mediates hypoxia-induced very low density lipoprotein-cholesteryl ester uptake and accumulation in cardiomyocytes. <i>Cardiovascular Research</i> , 2012, 94, 469-479.	3.8	56
43	Multiple organ inflammatory response to portosystemic shunt in the rat. <i>Cytokine</i> , 2011, 56, 680-687.	3.2	8