Elena Revuelta

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1898572/publications.pdf

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43	705	567281	580821
papers	citations	15 h-index	25 g-index

46	46	46	1270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Serum microRNA-1 and microRNA-133a levels reflect myocardial steatosis in uncomplicated type 2 diabetes. Scientific Reports, 2017, 7, 47.	3.3	88
2	Clinical Role of CA125 in WorseningÂHeartÂFailure. JACC: Heart Failure, 2020, 8, 386-397.	4.1	57
3	Low-density lipoprotein receptor-related protein 1 mediates hypoxia-induced very low density lipoprotein-cholesteryl ester uptake and accumulation in cardiomyocytes. Cardiovascular Research, 2012, 94, 469-479.	3.8	56
4	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. Journal of Biological Chemistry, 2015, 290, 14852-14865.	3.4	48
5	Head-to-head comparison of two engineered cardiac grafts for myocardial repair: From scaffold characterization to pre-clinical testing. Scientific Reports, 2018, 8, 6708.	3.3	45
6	Hypoxia Induces Metalloproteinase-9 Activation and Human Vascular Smooth Muscle Cell Migration Through Low-Density Lipoprotein Receptorâ€“Related Protein 1â€“Mediated Pyk2 Phosphorylation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2877-2887.	2.4	34
7	Lipopolysaccharide downregulates CD91/low-density lipoprotein receptor-related protein 1 expression through SREBP-1 overexpression in human macrophages. Atherosclerosis, 2013, 227, 79-88.	0.8	32
8	Protein-based cardiogenic shock patient classifier. European Heart Journal, 2019, 40, 2684-2694.	2.2	30
9	Decoding empagliflozinâ€™s molecular mechanism of action in heart failure with preserved ejection fraction using artificial intelligence. Scientific Reports, 2021, 11, 12025.	3.3	23
10	Inverse relationship between raft LRP1 localization and non-raft ERK1,2/MMP9 activation in idiopathic dilated cardiomyopathy: Potential impact in ventricular remodeling. International Journal of Cardiology, 2014, 176, 805-814.	1.7	21
11	Circulating miR-1254 predicts ventricular remodeling in patients with ST-Segment-Elevation Myocardial Infarction: A cardiovascular magnetic resonance study. Scientific Reports, 2018, 8, 15115.	3.3	21
12	ST2 and left ventricular remodeling after ST-segment elevation myocardial infarction: A cardiac magnetic resonance study. International Journal of Cardiology, 2018, 270, 336-342.	1.7	21
13	Hypoxia-driven sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (SERCA2) downregulation depends on low-density lipoprotein receptor-related protein 1 (LRP1)-signalling in cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2015, 85, 25-36.	1.9	18
14	Cardiomyocyte intracellular cholesteryl ester accumulation promotes tropoelastin physical alteration and degradation. International Journal of Biochemistry and Cell Biology, 2014, 55, 209-219.	2.8	17
15	Effect of short- and long-term portal hypertension on adrenergic, nitrergic and sensory functioning in rat mesenteric artery. Clinical Science, 2012, 122, 337-348.	4.3	16
16	Neprilysin inhibition, endorphin dynamics, and early symptomatic improvement in heart failure: a pilot study. ESC Heart Failure, 2020, 7, 559-566.	3.1	15
17	Role of PCSK9 in the course of ejection fraction change after STâ€segment elevation myocardial infarction: a pilot study. ESC Heart Failure, 2020, 7, 118-123.	3.1	14
18	Aggregated Low-Density Lipoprotein Induces LRP1 Stabilization Through E3 Ubiquitin Ligase CHFR Downregulation in Human Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 369-377.	2.4	13

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19	Hypoxia worsens the impact of intracellular triglyceride accumulation promoted by electronegative low-density lipoprotein in cardiomyocytes by impairing perilipin 5 upregulation. International Journal of Biochemistry and Cell Biology, 2015, 65, 257-267.	2.8	12
20	Relationship among LRP1 expression, Pyk2 phosphorylation and MMPâ€9 activation in left ventricular remodelling after myocardial infarction. Journal of Cellular and Molecular Medicine, 2017, 21, 1915-1928.	3.6	12
21	Soluble Neprilysin and Corin Concentrations in Relation to Clinical Outcome in Chronic HeartÂFailure. JACC: Heart Failure, 2021, 9, 85-95.	4.1	12
22	Acute-phase dynamics and prognostic value of growth differentiation factor-15 in ST-elevation myocardial infarction. Clinical Chemistry and Laboratory Medicine, 2019, 57, 1093-1101.	2.3	11
23	Conformational and thermal characterization of left ventricle remodeling post-myocardial infarction. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1500-1509.	3.8	10
24	Pre-analytical considerations in biomarker research: focus on cardiovascular disease. Clinical Chemistry and Laboratory Medicine, 2021, 59, 1747-1760.	2.3	10
25	Extracellular vesicles do not contribute to higher circulating levels of soluble <scp>LRP</scp>1 in idiopathic dilated cardiomyopathy. Journal of Cellular and Molecular Medicine, 2017, 21, 3000-3009.	3.6	9
26	Soluble ST2 and Diuretic Efficiency in Acute Heart Failure and Concomitant Renal Dysfunction. Journal of Cardiac Failure, 2021, 27, 427-434.	1.7	9
27	Multiple organ inflammatory response to portosystemic shunt in the rat. Cytokine, 2011, 56, 680-687.	3.2	8
28	Low-density lipoprotein receptor-related protein 1 deficiency in cardiomyocytes reduces susceptibility to insulin resistance and obesity. Metabolism: Clinical and Experimental, 2020, 106, 154191.	3.4	7
29	Marathon Running Increases Synthesis and Decreases Catabolism of Joint Cartilage Type II Collagen Accompanied by High-Energy Demands and an Inflamatory Reaction. Frontiers in Physiology, 2021, 12, 722718.	2.8	7
30	Optimal carbohydrate antigen 125 cutpoint for identifying low-risk patients after admission for acute heart failure. Revista Espanola De Cardiologia (English Ed), 2021, , .	0.6	3
31	Lung ultrasound and biomarkers in primary care: Partners for a better management of patients with heart failure?. Journal of Circulating Biomarkers, 2020, 9, 8-12.	1.3	3
32	The influence of sex and body mass index on the association between soluble neprilysin and risk of heart failure hospitalizations. Scientific Reports, 2021, 11, 5940.	3.3	2
33	Differential Effect of Hypoxia in Human and Mouse Vascular Smooth Muscle Cell Migration through LRP1-pPyk2-MMP-9 Axis. Conference Papers in Science, 2015, 2015, 1-9.	0.3	1
34	Differences in the Interleukin-1Î²/Soluble ST2 Interplay Between Acute and Chronic Heart Failure. Journal of Cardiovascular Translational Research, 2020, 13, 864-866.	2.4	1
35	EpCAM and microvascular obstruction in patients with STEMI: a cardiac magnetic resonance study. Revista Espanola De Cardiologia (English Ed), 2021, , .	0.6	1
36	Circulating neprilysin hypothesis: A new opportunity for sacubitril/valsartan in patients with heart failure and preserved ejection fraction?. PLoS ONE, 2021, 16, e0249674.	2.5	1

#	Article	IF	Citations
37	Deep Learning Analyses to Delineate the Molecular Remodeling Process after Myocardial Infarction. Cells, 2021, 10, 3268.	4.1	1
38	Finding a reliable assay for soluble neprilysin. Clinical Biochemistry, 2022, 104, 51-58.	1.9	1
39	Circulating virome and inflammatory proteome in patients with ST-elevation myocardial infarction and primary ventricular fibrillation. Scientific Reports, 2022, 12, 7910.	3.3	1
40	RAS Fingerprint. Journal of the American College of Cardiology, 2017, 69, 3010-3011.	2.8	0
41	Highly sensitive troponin T dynamics and prognosis in asymptomatic severe aortic stenosis. Revista Espanola De Cardiologia (English Ed), 2020, 73, 1065-1066.	0.6	0
42	Reply. Journal of the American College of Cardiology, 2021, 77, 1026-1028.	2.8	0
43	Reply. JACC: Heart Failure, 2021, 9, 407-408.	4.1	0