Julio Madrigal-Matute

List of Publications by Year
in descending order

45	7,401	147726	233338
papers	citations	31 h-index	45 g-index

47	47	47	17931
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protective role of chaperone-mediated autophagy against atherosclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2121133119.	3.3	29
2	Chaperone-mediated autophagy protects against atherosclerosis. Autophagy, 2022, 18, 2505-2507.	4.3	10
3	Comprehensive autophagy evaluation in cardiac disease models. Cardiovascular Research, 2020, 116, 483-504.	1.8	41
4	Cav-1 (Caveolin-1) Deficiency Increases Autophagy in the Endothelium and Attenuates Vascular Inflammation and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1510-1522.	1.1	75
5	A major role of TWEAK/Fn14 axis as a therapeutic target for post-angioplasty restenosis. EBioMedicine, 2019, 46, 274-289.	2.7	21
6	Proteome-wide analysis of chaperone-mediated autophagy targeting motifs. PLoS Biology, 2019, 17, e3000301.	2.6	136
7	Autophagy Is Required for Sortilin-Mediated Degradation of Apolipoprotein B100. Circulation Research, 2018, 122, 568-582.	2.0	35
8	Interferon-Î± Triggers Autoimmune Thyroid Diseases via Lysosomal-Dependent Degradation of Thyroglobulin. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3678-3687.	1.8	16
9	Leducq Network. Circulation Research, 2018, 123, 323-325.	2.0	3
10	Nrf2 Activation Provides Atheroprotection in Diabetic Mice Through Concerted Upregulation of Antioxidant, Anti-inflammatory, and Autophagy Mechanisms. Frontiers in Pharmacology, 2018, 9, 819.	1.6	59
11	Bile Acids: The Hidden Gateway Behind Autophagy Modulation inÂthe Liver. Cellular and Molecular Gastroenterology and Hepatology, 2017, 3, 133-134.	2.3	0
12	Lanosterol Modulates TLR4-Mediated Innate Immune Responses in Macrophages. Cell Reports, 2017, 19, 2743-2755.	2.9	79
13	ANGPTL4 deficiency in haematopoietic cells promotes monocyte expansion and atherosclerosis progression. Nature Communications, 2016, 7, 12313.	5.8	71
14	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. Cell Metabolism, 2016, 23, 1093-1112.	7.2	360
15	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
16	Regulation of Liver Metabolism by Autophagy. Gastroenterology, 2016, 150, 328-339.	0.6	263
17	TWEAK/Fn14 interaction promotes oxidative stress through NADPH oxidase activation in macrophages. Cardiovascular Research, 2015, 108, 139-147.	1.8	40
18	Targeting HSP90 Ameliorates Nephropathy and Atherosclerosis Through Suppression of NF-ÎºB and STAT Signaling Pathways in Diabetic Mice. Diabetes, 2015, 64, 3600-3613.	0.3	64

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19	Thioredoxin-1/peroxiredoxin-1 as sensors of oxidative stress mediated by NADPH oxidase activity in atherosclerosis. Free Radical Biology and Medicine, 2015, 86, 352-361.	1.3	34
20	From tissue iron retention to low systemic haemoglobin levels, new pathophysiological biomarkers of human abdominal aortic aneurysm. Thrombosis and Haemostasis, 2014, 112, 87-95.	1.8	30
21	Genetic deletion or <scp>TWEAK</scp> blocking antibody administration reduce atherosclerosis and enhance plaque stability in mice. Journal of Cellular and Molecular Medicine, 2014, 18, 721-734.	1.6	39
22	Galectinâ€3, a Biomarker Linking Oxidative Stress and Inflammation With the Clinical Outcomes of Patients With Atherothrombosis. Journal of the American Heart Association, 2014, 3, .	1.6	116
23	Tumor Necrosis Factorâ€Like Weak Inducer of Apoptosis or Fn14 Deficiency Reduce Elastase Perfusionâ€Induced Aortic Abdominal Aneurysm in Mice. Journal of the American Heart Association, 2014, 3, .	1.6	21
24	RNA binding protein HuR regulates the expression of ABCA1. Journal of Lipid Research, 2014, 55, 1066-1076.	2.0	33
25	Labelâ€free proteomic analysis of red blood cell membrane fractions from abdominal aortic aneurysm patients. Proteomics - Clinical Applications, 2014, 8, 626-630.	0.8	11
26	MicroRNA modulation of lipid metabolism and oxidative stress in cardiometabolic diseases. Free Radical Biology and Medicine, 2013, 64, 31-39.	1.3	57
27	MicroRNAs and Atherosclerosis. Current Atherosclerosis Reports, 2013, 15, 322.	2.0	125
28	Proteomic Analysis of Intraluminal Thrombus Highlights Complement Activation in Human Abdominal Aortic Aneurysms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2013-2020.	1.1	50
29	HMGB1 Expression and Secretion Are Increased Via TWEAKâ€“Fn14 Interaction in Atherosclerotic Plaques and Cultured Monocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 612-620.	1.1	45
30	HSP90 inhibition by 17-DMAG attenuates oxidative stress in experimental atherosclerosis. Cardiovascular Research, 2012, 95, 116-123.	1.8	67
31	Increased plasma levels of NGAL, a marker of neutrophil activation, in patients with abdominal aortic aneurysm. Atherosclerosis, 2012, 220, 552-556.	0.4	52
32	Cell Stress Proteins in Atherothrombosis. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-10.	1.9	9
33	Erythrocytes, leukocytes and platelets as a source of oxidative stress in chronic vascular diseases: Detoxifying mechanisms and potential therapeutic options. Thrombosis and Haemostasis, 2012, 108, 435-442.	1.8	58
34	Heat-shock proteins in cardiovascular disease. Advances in Clinical Chemistry, 2011, 54, 1-43.	1.8	32
35	TWEAK-Fn14 interaction enhances plasminogen activator inhibitor 1 and tissue factor expression in atherosclerotic plaques and in cultured vascular smooth muscle cells. Cardiovascular Research, 2011, 89, 225-233.	1.8	37
36	Identification of Peroxiredoxin-1 as a Novel Biomarker of Abdominal Aortic Aneurysm. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 935-943.	1.1	75

#	Article	IF	Citations
37	Proteomic Analysis of Polymorphonuclear Neutrophils Identifies Catalase as a Novel Biomarker of Abdominal Aortic Aneurysm: Potential Implication of Oxidative Stress in Abdominal Aortic Aneurysm Progression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 3011-3019.	1.1	71
38	Heat shock protein 90 inhibitors attenuate inflammatory responses in atherosclerosis. Cardiovascular Research, 2010, 86, 330-337.	1.8	116
39	Increased levels of thioredoxin in patients with abdominal aortic aneurysms (AAAs). A potential link of oxidative stress with AAA evolution. Atherosclerosis, 2010, 212, 333-338.	0.4	37
40	Increased CD74 expression in human atherosclerotic plaques: contribution to inflammatory responses in vascular cells. Cardiovascular Research, 2009, 83, 586-594.	1.8	55
41	Biomarkers in Cardiovascular Medicine. Revista Espanola De Cardiologia (English Ed), 2009, 62, 677-688.	0.4	28
42	The CD163-expressing macrophages recognize and internalize TWEAK. Atherosclerosis, 2009, 207, 103-110.	0.4	129
43	Las proteÃnas de choque tÃ©rmico (heat shock proteins) como potenciales dianas terapÃ©uticas en aterosclerosis. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2009, 21, 163-172.	0.4	2
44	Biomarcadores en la medicina cardiovascular. Revista Espanola De Cardiologia, 2009, 62, 677-688.	0.6	47
45	Treatment with amlodipine and atorvastatin has additive effect on blood and plaque inflammation in hypertensive patients with carotid atherosclerosis. Kidney International, 2008, 74, S71-S74.	2.6	20