# 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 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 4.3 | 4,701 |
| 2 | Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. Cell Metabolism, 2016, 23, 1093-1112. | 7.2 | 360 |
| 3 | Regulation of Liver Metabolism by Autophagy. Gastroenterology, 2016, 150, 328-339. | 0.6 | 263 |
| 4 | Proteome-wide analysis of chaperone-mediated autophagy targeting motifs. PLoS Biology, 2019, 17, e3000301. | 2.6 | 136 |
| 5 | The CD163-expressing macrophages recognize and internalize TWEAK. Atherosclerosis, 2009, 207, 103-110. | 0.4 | 129 |
| 6 | MicroRNAs and Atherosclerosis. Current Atherosclerosis Reports, 2013, 15, 322. | 2.0 | 125 |
| 7 | Heat shock protein 90 inhibitors attenuate inflammatory responses in atherosclerosis. Cardiovascular Research, 2010, 86, 330-337. | 1.8 | 116 |
| 8 | 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 |
| 9 | Lanosterol Modulates TLR4-Mediated Innate Immune Responses in Macrophages. Cell Reports, 2017, 19, 2743-2755. | 2.9 | 79 |
| 10 | Identification of Peroxiredoxin-1 as a Novel Biomarker of Abdominal Aortic Aneurysm. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 935-943. | 1.1 | 75 |
| 11 | 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 |
| 12 | 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 |
| 13 | ANGPTL4 deficiency in haematopoietic cells promotes monocyte expansion and atherosclerosis progression. Nature Communications, 2016, 7, 12313. | 5.8 | 71 |
| 14 | HSP90 inhibition by 17-DMAG attenuates oxidative stress in experimental atherosclerosis. Cardiovascular Research, 2012, 95, 116-123. | 1.8 | 67 |
| 15 | Targeting HSP90 Ameliorates Nephropathy and Atherosclerosis Through Suppression of NF-Î²B and STAT Signaling Pathways in Diabetic Mice. Diabetes, 2015, 64, 3600-3613. | 0.3 | 64 |
| 16 | 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 |
| 17 | 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 |
| 18 | MicroRNA modulation of lipid metabolism and oxidative stress in cardiometabolic diseases. Free Radical Biology and Medicine, 2013, 64, 31-39. | 1.3 | 57 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Increased CD74 expression in human atherosclerotic plaques: contribution to inflammatory responses in vascular cells. Cardiovascular Research, 2009, 83, 586-594. | 1.8 | 55 |
| 20 | Increased plasma levels of NGAL, a marker of neutrophil activation, in patients with abdominal aortic aneurysm. Atherosclerosis, 2012, 220, 552-556. | 0.4 | 52 |
| 21 | 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 |
| 22 | Biomarcadores en la medicina cardiovascular. Revista Espanola De Cardiologia, 2009, 62, 677-688. | 0.6 | 47 |
| 23 | 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 |
| 24 | Comprehensive autophagy evaluation in cardiac disease models. Cardiovascular Research, 2020, 116, 483-504. | 1.8 | 41 |
| 25 | TWEAK/Fn14 interaction promotes oxidative stress through NADPH oxidase activation in macrophages. Cardiovascular Research, 2015, 108, 139-147. | 1.8 | 40 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | Autophagy Is Required for Sortilin-Mediated Degradation of Apolipoprotein B100. Circulation Research, 2018, 122, 568-582. | 2.0 | 35 |
| 30 | 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 |
| 31 | RNA binding protein HuR regulates the expression of ABCA1. Journal of Lipid Research, 2014, 55, 1066-1076. | 2.0 | 33 |
| 32 | Heat-shock proteins in cardiovascular disease. Advances in Clinical Chemistry, 2011, 54, 1-43. | 1.8 | 32 |
| 33 | 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 |
| 34 | 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 |
| 35 | Biomarkers in Cardiovascular Medicine. Revista Espanola De Cardiologia (English Ed ), 2009, 62, 677-688. | 0.4 | 28 |
| 36 | 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 |

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|---|---|---|---|
| 37 | A major role of TWEAK/Fn14 axis as a therapeutic target for post-angioplasty restenosis. EBioMedicine, 2019, 46, 274-289. | 2.7 | 21 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | Chaperone-mediated autophagy protects against atherosclerosis. Autophagy, 2022, 18, 2505-2507. | 4.3 | 10 |
| 42 | Cell Stress Proteins in Atherothrombosis. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-10. | 1.9 | 9 |
| 43 | Leducq Network. Circulation Research, 2018, 123, 323-325. | 2.0 | 3 |
| 44 | 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 |
| 45 | Bile Acids: The Hidden Gateway Behind Autophagy Modulation inÂthe Liver. Cellular and Molecular Gastroenterology and Hepatology, 2017, 3, 133-134. | 2.3 | 0 |