

Manuel Morales-Ruiz

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109
papers

5,893
citations

37
h-index

75
g-index

130
ext. papers

6,663
ext. citations

7.2
avg, IF

4.94
L-index

#	Paper	IF	Citations
109	Membrane estrogen receptor engagement activates endothelial nitric oxide synthase via the PI3-kinase-Akt pathway in human endothelial cells. <i>Circulation Research</i> , 2000 , 87, 677-82	15.7	476
108	Enalapril and carvedilol for preventing chemotherapy-induced left ventricular systolic dysfunction in patients with malignant hemopathies: the OVERCOME trial (prevention of left ventricular dysfunction with Enalapril and carvedilol in patients submitted to intensive chemotherapy for the treatment of Malignant hemopathies). <i>Journal of the American College of Cardiology</i> , 2013 , 61, 2355-62	15.1	403
107	Systemic inflammation in decompensated cirrhosis: Characterization and role in acute-on-chronic liver failure. <i>Hepatology</i> , 2016 , 64, 1249-64	11.2	349
106	Vascular endothelial growth factor-stimulated actin reorganization and migration of endothelial cells is regulated via the serine/threonine kinase Akt. <i>Circulation Research</i> , 2000 , 86, 892-6	15.7	346
105	Akt-mediated phosphorylation of the G protein-coupled receptor EDG-1 is required for endothelial cell chemotaxis. <i>Molecular Cell</i> , 2001 , 8, 693-704	17.6	269
104	Akt down-regulation of p38 signaling provides a novel mechanism of vascular endothelial growth factor-mediated cytoprotection in endothelial cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 30359-65	5.4	230
103	Sphingosine 1-phosphate activates Akt, nitric oxide production, and chemotaxis through a Gi protein/phosphoinositide 3-kinase pathway in endothelial cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 19672-7	5.4	224
102	Further pharmacological and genetic evidence for the efficacy of PlGF inhibition in cancer and eye disease. <i>Cell</i> , 2010 , 141, 178-90	56.2	218
101	Antiangiogenic treatment with sunitinib ameliorates inflammatory infiltrate, fibrosis, and portal pressure in cirrhotic rats. <i>Hepatology</i> , 2007 , 46, 1919-26	11.2	213
100	Suppression of vascular endothelial growth factor-mediated endothelial cell protection by survivin targeting. <i>American Journal of Pathology</i> , 2001 , 158, 1757-65	5.8	162
99	Treatment of adult chronic indeterminate Chagas disease with benznidazole and three E1224 dosing regimens: a proof-of-concept, randomised, placebo-controlled trial. <i>Lancet Infectious Diseases</i> , 2018 , 18, 419-430	25.5	160
98	Mir-33 regulates cell proliferation and cell cycle progression. <i>Cell Cycle</i> , 2012 , 11, 922-33	4.7	136
97	Regression of fibrosis after chronic stimulation of cannabinoid CB2 receptor in cirrhotic rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 324, 475-83	4.7	134
96	Functional reconstitution of endothelial nitric oxide synthase reveals the importance of serine 1179 in endothelium-dependent vasomotion. <i>Circulation Research</i> , 2002 , 90, 904-10	15.7	105
95	Role of endothelial nitric oxide synthase in endothelial activation: insights from eNOS knockout endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2004 , 286, C1195-202	5.4	100
94	Transduction of the liver with activated Akt normalizes portal pressure in cirrhotic rats. <i>Gastroenterology</i> , 2003 , 125, 522-31	13.3	99
93	The hepatic apelin system: a new therapeutic target for liver disease. <i>Hepatology</i> , 2008 , 48, 1193-201	11.2	94

92	Effects of Albumin Treatment on Systemic and Portal Hemodynamics and Systemic Inflammation in Patients With Decompensated Cirrhosis. <i>Gastroenterology</i> , 2019 , 157, 149-162	13.3	91
91	Endothelial Akt1 mediates angiogenesis by phosphorylating multiple angiogenic substrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 12865-70	11.5	91
90	Increased anandamide induced relaxation in mesenteric arteries of cirrhotic rats: role of cannabinoid and vanilloid receptors. <i>Gut</i> , 2005 , 54, 522-7	19.2	78
89	Characterization of Inflammatory Response in Acute-on-Chronic Liver Failure and Relationship with Prognosis. <i>Scientific Reports</i> , 2016 , 6, 32341	4.9	76
88	Chronic blockade of endothelin receptors in cirrhotic rats: hepatic and hemodynamic effects. <i>Gastroenterology</i> , 1999 , 116, 161-7	13.3	75
87	Neutrophil gelatinase-associated lipocalin is a biomarker of acute-on-chronic liver failure and prognosis in cirrhosis. <i>Journal of Hepatology</i> , 2016 , 65, 57-65	13.4	74
86	Inhibition of placental growth factor activity reduces the severity of fibrosis, inflammation, and portal hypertension in cirrhotic mice. <i>Hepatology</i> , 2011 , 53, 1629-40	11.2	68
85	Urinary neutrophil gelatinase-associated lipocalin predicts kidney outcome and death in patients with cirrhosis and bacterial infections. <i>Journal of Hepatology</i> , 2014 , 61, 35-42	13.4	67
84	Analysis of a urinary biomarker panel for clinical outcomes assessment in cirrhosis. <i>PLoS ONE</i> , 2015 , 10, e0128145	3.7	66
83	Hypoxia induces B-type natriuretic peptide release in cell lines derived from human cardiomyocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H550-5	5.2	59
82	Vascular endothelial growth factor production in peritoneal macrophages of cirrhotic patients: regulation by cytokines and bacterial lipopolysaccharide. <i>Hepatology</i> , 1999 , 29, 1057-63	11.2	59
81	Nitric oxide synthase 3-dependent vascular remodeling and circulatory dysfunction in cirrhosis. <i>American Journal of Pathology</i> , 2003 , 162, 1985-93	5.8	53
80	Apelin mediates the induction of profibrogenic genes in human hepatic stellate cells. <i>Endocrinology</i> , 2010 , 151, 5306-14	4.8	52
79	Hypoxia and proinflammatory factors upregulate apelin receptor expression in human stellate cells and hepatocytes. <i>Gut</i> , 2011 , 60, 1404-11	19.2	51
78	Prevention of fibrosis progression in CCl4-treated rats: role of the hepatic endocannabinoid and apelin systems. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 340, 629-37	4.7	49
77	Increased CSF levels of IL-1, IL-6, and ACE in SARS-CoV-2-associated encephalitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020 , 7,	9.1	43
76	Neutrophil Gelatinase-Associated Lipocalin for Assessment of Acute Kidney Injury in Cirrhosis: A Prospective Study. <i>Hepatology</i> , 2019 , 70, 319-333	11.2	42
75	High-density lipoproteins reduce the effect of endotoxin on cytokine production and systemic hemodynamics in cirrhotic rats with ascites. <i>Journal of Hepatology</i> , 2004 , 40, 424-30	13.4	41

74	Hepatocarcinoma cells stimulate the growth, migration and expression of pro-angiogenic genes in human hepatic stellate cells. <i>Liver International</i> , 2010 , 30, 31-41	7.9	39
73	Cerium Oxide Nanoparticles: Advances in Biodistribution, Toxicity, and Preclinical Exploration. <i>Small</i> , 2020 , 16, e1907322	11	38
72	Microarray analysis of endothelial differentially expressed genes in liver of cirrhotic rats. <i>Gastroenterology</i> , 2005 , 129, 1686-95	13.3	37
71	Akt-mediated foxo1 inhibition is required for liver regeneration. <i>Hepatology</i> , 2016 , 63, 1660-74	11.2	34
70	A small population of liver endothelial cells undergoes endothelial-to-mesenchymal transition in response to chronic liver injury. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, G492-G504 ⁵⁻¹		33
69	Increased nitric oxide production in lymphatic endothelial cells causes impairment of lymphatic drainage in cirrhotic rats. <i>Gut</i> , 2013 , 62, 138-45	19.2	33
68	Effect of bacterial lipopolysaccharide on endothelin-1 production in human vascular endothelial cells. <i>Journal of Hepatology</i> , 1997 , 26, 81-7	13.4	33
67	Characterization of inflammatory response in hepatorenal syndrome: Relationship with kidney outcome and survival. <i>Liver International</i> , 2019 , 39, 1246-1255	7.9	32
66	Nitric oxide production and inducible nitric oxide synthase expression in peritoneal macrophages of cirrhotic patients. <i>Hepatology</i> , 1999 , 30, 670-6	11.2	30
65	Hypoxia is an inducer of vasodilator agents in peritoneal macrophages of cirrhotic patients. <i>Hepatology</i> , 2002 , 36, 1172-9	11.2	29
64	Nitric oxide production by peritoneal macrophages of cirrhotic rats: a host response against bacterial peritonitis. <i>Gastroenterology</i> , 1997 , 112, 2056-64	13.3	28
63	Circulating CO3-610, a degradation product of collagen III, closely reflects liver collagen and portal pressure in rats with fibrosis. <i>Fibrogenesis and Tissue Repair</i> , 2011 , 4, 19		27
62	Effects of alfapumpkin system on kidney and circulatory function in patients with cirrhosis and refractory ascites. <i>Liver Transplantation</i> , 2017 , 23, 583-593	4.5	26
61	Influence of caveolin on constitutively activated recombinant eNOS: insights into eNOS dysfunction in BDL rat liver. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 285, G652-60	5.1	25
60	Plasma copeptin as biomarker of disease progression and prognosis in cirrhosis. <i>Journal of Hepatology</i> , 2016 , 65, 914-920	13.4	24
59	Vascular endothelial growth factor and angiopoietin-2 play a major role in the pathogenesis of vascular leakage in cirrhotic rats. <i>Gut</i> , 2009 , 58, 285-92	19.2	24
58	Beyond the Scavenging of Reactive Oxygen Species (ROS): Direct Effect of Cerium Oxide Nanoparticles in Reducing Fatty Acids Content in an In Vitro Model of Hepatocellular Steatosis. <i>Biomolecules</i> , 2019 , 9,	5.9	23
57	Adenoviral dominant-negative soluble PDGFR β improves hepatic collagen, systemic hemodynamics, and portal pressure in fibrotic rats. <i>Journal of Hepatology</i> , 2012 , 57, 967-73	13.4	23

56	Prevention of chemotherapy-induced left ventricular dysfunction with enalapril and carvedilol: rationale and design of the OVERCOME trial. <i>Journal of Cardiac Failure</i> , 2011 , 17, 643-8	3.3	22
55	Increased nitric oxide synthase expression in arterial vessels of cirrhotic rats with ascites. <i>Hepatology</i> , 1996 , 24, 1481-6	11.2	21
54	Adipocyte Fatty-Acid Binding Protein is Overexpressed in Cirrhosis and Correlates with Clinical Outcomes. <i>Scientific Reports</i> , 2017 , 7, 1829	4.9	20
53	Cerium oxide nanoparticles display antilipogenic effect in rats with non-alcoholic fatty liver disease. <i>Scientific Reports</i> , 2019 , 9, 12848	4.9	19
52	In vitro characterization of aldosterone and cAMP effects in mouse distal convoluted tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , 2004 , 286, F936-44	4.3	19
51	Overexpression of angiotensin II in rats and patients with liver fibrosis. Therapeutic consequences of its inhibition. <i>Liver International</i> , 2015 , 35, 1383-92	7.9	18
50	Cerium oxide nanoparticles improve liver regeneration after acetaminophen-induced liver injury and partial hepatectomy in rats. <i>Journal of Nanobiotechnology</i> , 2019 , 17, 112	9.4	17
49	Prognosis of new-onset heart failure outpatients and collagen biomarkers. <i>European Journal of Clinical Investigation</i> , 2015 , 45, 842-9	4.6	17
48	The Role of Akt in Chronic Liver Disease and Liver Regeneration. <i>Seminars in Liver Disease</i> , 2017 , 37, 11-16	6.3	16
47	Bespoken Nanoceria: An Effective Treatment in Experimental Hepatocellular Carcinoma. <i>Hepatology</i> , 2020 , 72, 1267-1282	11.2	15
46	Increased renal expression of nitric oxide synthase type III in cirrhotic rats with ascites. <i>Hepatology</i> , 1998 , 27, 1191-9	11.2	15
45	Plasma tissue inhibitor of matrix metalloproteinase-1 (TIMP-1): an independent predictor of poor response to cardiac resynchronization therapy. <i>European Journal of Heart Failure</i> , 2010 , 12, 492-8	12.3	14
44	Impaired extracellular matrix degradation in aortic vessels of cirrhotic rats. <i>Journal of Hepatology</i> , 2007 , 46, 440-6	13.4	14
43	Impaired liver regeneration in Ldlr ^{-/-} mice is associated with an altered hepatic profile of cytokines, growth factors, and lipids. <i>Journal of Hepatology</i> , 2013 , 59, 731-7	13.4	13
42	Urine Monocyte Chemoattractant Protein-1 Is an Independent Predictive Factor of Hospital Readmission and Survival in Cirrhosis. <i>PLoS ONE</i> , 2016 , 11, e0157371	3.7	13
41	Functionalized cerium oxide nanoparticles mitigate the oxidative stress and pro-inflammatory activity associated to the portal vein endothelium of cirrhotic rats. <i>PLoS ONE</i> , 2019 , 14, e0218716	3.7	12
40	Lack of a 5.9 kDa peptide C-terminal fragment of fibrinogen α chain precedes fibrosis progression in patients with liver disease. <i>PLoS ONE</i> , 2014 , 9, e109254	3.7	12
39	Prostaglandin E2 and bone turnover markers in the evaluation of primary hypertrophic osteoarthropathy (pachydermoperiostosis): a case report. <i>Clinical Rheumatology</i> , 2009 , 28, 1229-33	3.9	12

38	LH/HCG stimulation of VEGF and adrenomedullin production by follicular fluid macrophages and luteinized granulosa cells. <i>Reproductive BioMedicine Online</i> , 2009 , 18, 743-9	4	12
37	Gene transduction of an active mutant of akt exerts cytoprotection and reduces graft injury after liver transplantation. <i>American Journal of Transplantation</i> , 2007 , 7, 769-78	8.7	12
36	Nitric oxide synthase II mRNA expression in cardiac tissue of patients with heart failure undergoing cardiac transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2000 , 19, 139-44	5.8	12
35	Follow-Up After Myocardial Infarction to Explore the Stability of Arrhythmogenic Substrate: The Footprint Study. <i>JACC: Clinical Electrophysiology</i> , 2020 , 6, 207-218	4.6	12
34	Utility of galectin-3 in predicting post-infarct remodeling after acute myocardial infarction based on extracellular volume fraction mapping. <i>International Journal of Cardiology</i> , 2016 , 223, 458-464	3.2	12
33	Cerium Oxide Nanoparticles Protect against Oxidant Injury and Interfere with Oxidative Mediated Kinase Signaling in Human-Derived Hepatocytes. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	12
32	Ascites from cirrhotic patients induces angiogenesis through the phosphoinositide 3-kinase/Akt signaling pathway. <i>Journal of Hepatology</i> , 2005 , 43, 85-91	13.4	11
31	Glucocorticoid alternative effects on proliferating and differentiated mammary epithelium are associated to opposite regulation of cell-cycle inhibitor expression. <i>Journal of Cellular Physiology</i> , 2012 , 227, 1721-30	7	10
30	Factors involved in extracellular matrix turnover in human derived cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , 2013 , 32, 1125-36	3.9	10
29	Cerium Oxide Nanoparticles: A New Therapeutic Tool in Liver Diseases. <i>Antioxidants</i> , 2021 , 10,	7.1	10
28	Engineered zinc-finger proteins can compensate genetic haploinsufficiency by transcriptional activation of the wild-type allele: application to Willams-Beuren syndrome and supraaortic stenosis. <i>Human Gene Therapy</i> , 2012 , 23, 1186-99	4.8	9
27	Neovascularization, Angiogenesis, and Vascular Remodeling in Portal Hypertension 2005 , 99-112		9
26	Bacterial lipopolysaccharide inhibits CB2 receptor expression in human monocytic cells. <i>Gut</i> , 2013 , 62, 1089-91	19.2	8
25	Mesoporous silica coated CeO nanozymes with combined lipid-lowering and antioxidant activity induce long-term improvement of the metabolic profile in obese Zucker rats. <i>Nanoscale</i> , 2021 , 13, 8452-8466	7.7	8
24	Prognostic value of plasma apelin concentrations at admission in patients with ST-segment elevation acute myocardial infarction. <i>Clinical Biochemistry</i> , 2017 , 50, 279-284	3.5	7
23	An integrative method to predict signalling perturbations for cellular transitions. <i>Nucleic Acids Research</i> , 2019 , 47, e72	20.1	6
22	Down the liver sinusoidal endothelial cell (LSEC) hole. Is there a role for lipid rafts in LSEC fenestration?. <i>Hepatology</i> , 2013 , 57, 1272-4	11.2	6
21	Treatment of Hepatic Fibrosis in Mice Based on Targeted Plasmonic Hyperthermia. <i>ACS Nano</i> , 2021 , 15, 7547-7562	16.7	6

20	Identification of the potentially arrhythmogenic substrate in the acute phase of ST-segment elevation myocardial infarction. <i>Heart Rhythm</i> , 2017 , 14, 592-598	6.7	5
19	Inactivation of extrahepatic vascular Akt improves systemic hemodynamics and sodium excretion in cirrhotic rats. <i>Journal of Hepatology</i> , 2010 , 53, 1041-8	13.4	5
18	Pathophysiology of Portal Hypertension 2015 , 3631-3665		5
17	Admission B-type natriuretic peptide retains prognostic value in patients with acute coronary syndrome and preserved left ventricular ejection fraction. <i>International Journal of Cardiology</i> , 2012 , 158, 459-60	3.2	3
16	Sipa111 is an early biomarker of liver fibrosis in CCl4-treated rats. <i>Biology Open</i> , 2016 , 5, 858-65	2.2	3
15	Value of clinical laboratory test for early prediction of mortality in patients with COVID-19: the BGM score. <i>Journal of Circulating Biomarkers</i> , 2021 , 10, 1-8	3.3	3
14	Characterization of systemic inflammatory response in hepatorenal syndrome in cirrhosis. A major role for il-6, TNF-alpha, and VCAM. <i>Journal of Hepatology</i> , 2018 , 68, S698	13.4	3
13	The Role of Hepatic and Splanchnic Lymphatic System in Portal Hypertension and Ascites. <i>Current Hepatology Reports</i> , 2019 , 18, 157-163	1	2
12	Cerium Oxide Nanoparticles: Cerium Oxide Nanoparticles: Advances in Biodistribution, Toxicity, and Preclinical Exploration (Small 20/2020). <i>Small</i> , 2020 , 16, 2070111	11	2
11	Validation of a Gas Chromatography-Mass Spectrometry Method for the Measurement of the Redox State Metabolic Ratios Lactate/Pyruvate and D-Hydroxybutyrate/Acetoacetate in Biological Samples. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
10	Monocyte Subsets Are Differently Associated with Infarct Size, Left Ventricular Function, and the Formation of a Potentially Arrhythmogenic Scar in Patients with Acute Myocardial Infarction. <i>Journal of Cardiovascular Translational Research</i> , 2020 , 13, 722-730	3.3	1
9	Urinary L-FABP is a promising prognostic biomarker of ACLF and mortality in patients with decompensated cirrhosis. <i>Journal of Hepatology</i> , 2021 ,	13.4	1
8	Nitric Oxide and Systemic and Renal Hemodynamic Disturbances in Cirrhosis 105-114		1
7	Treatment With Simvastatin and Rifaximin Restores the Plasma Metabolomic Profile in Patients With Decompensated Cirrhosis.. <i>Hepatology Communications</i> , 2021 ,	6	1
6	The loss of DHX15 impairs endothelial energy metabolism, lymphatic drainage and tumor metastasis in mice. <i>Communications Biology</i> , 2021 , 4, 1192	6.7	0
5	Sequential changes in urinary biomarker levels in patients with cirrhosis and severe hepatorenal syndrome. <i>Liver International</i> , 2021 , 41, 2729-2732	7.9	0
4	961 HYPOXIA INDUCES APELIN RECEPTOR (APJ) EXPRESSION IN A CELL LINE DERIVED FROM HUMAN STELLATE CELLS. <i>Journal of Hepatology</i> , 2010 , 52, S372	13.4	
3	Pathophysiological role of Akt and endothelial nitric oxide synthase in cirrhosis 2004 , 121-126		

2 Angiogenesis and Vascular Growth in Liver Diseases **2011**, 343-359

1 Pathophysiology of Portal Hypertension **2014**, 1-41