Manuel Morales-Ruiz

List of Publications by Year in Descending Order

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	The loss of DHX15 impairs endothelial energy metabolism, lymphatic drainage and tumor metastasis in mice. *Communications Biology*, **2021**, 4, 1192	6.7	0
108	Validation of a Gas Chromatography-Mass Spectrometry Method for the Measurement of the Redox State Metabolic Ratios Lactate/Pyruvate and Hydroxybutyrate/Acetoacetate in Biological Samples. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
107	Cerium Oxide Nanoparticles: A New Therapeutic Tool in Liver Diseases. *Antioxidants*, **2021**, 10,	7.1	10
106	Mesoporous silica coated CeO nanozymes with combined lipid-lowering and antioxidant activity induce long-term improvement of the metabolic profile in obese Zucker rats. *Nanoscale*, **2021**, 13, 8452-8466	7.7	8
105	Value of clinical laboratory test for early prediction of mortality in patients with COVID-19: the BGM score. *Journal of Circulating Biomarkers*, **2021**, 10, 1-8	3.3	3
104	Treatment of Hepatic Fibrosis in Mice Based on Targeted Plasmonic Hyperthermia. *ACS Nano*, **2021**, 15, 7547-7562	16.7	6
103	Sequential changes in urinary biomarker levels in patients with cirrhosis and severe hepatorenal syndrome. *Liver International*, **2021**, 41, 2729-2732	7.9	0
102	Urinary L-FABP is a promising prognostic biomarker of ACLF and mortality in patients with decompensated cirrhosis. *Journal of Hepatology*, **2021**,	13.4	1
101	Treatment With Simvastatin and Rifaximin Restores the Plasma Metabolomic Profile in Patients With Decompensated Cirrhosis.. *Hepatology Communications*, **2021**,	6	1
100	Increased CSF levels of IL-1 IL-6, and ACE in SARS-CoV-2-associated encephalitis. *Neurology: Neuroimmunology and NeuroInflammation*, **2020**, 7,	9.1	43
99	Bespoken Nanoceria: An Effective Treatment in Experimental Hepatocellular Carcinoma. *Hepatology*, **2020**, 72, 1267-1282	11.2	15
98	Cerium Oxide Nanoparticles: Advances in Biodistribution, Toxicity, and Preclinical Exploration. *Small*, **2020**, 16, e1907322	11	38
97	Cerium Oxide Nanoparticles: Cerium Oxide Nanoparticles: Advances in Biodistribution, Toxicity, and Preclinical Exploration (Small 20/2020). *Small*, **2020**, 16, 2070111	11	2
96	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. *Journal of Cardiovascular Translational Research*, **2020**, 13, 722-730	3.3	1
95	Follow-Up After Myocardial Infarction to Explore the Stability of Arrhythmogenic Substrate: The Footprint Study. *JACC: Clinical Electrophysiology*, **2020**, 6, 207-218	4.6	12
94	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. *Biomolecules*, **2019**, 9,	5.9	23
93	Cerium oxide nanoparticles display antilipogenic effect in rats with non-alcoholic fatty liver disease. *Scientific Reports*, **2019**, 9, 12848	4.9	19

92	Functionalized cerium oxide nanoparticles mitigate the oxidative stress and pro-inflammatory activity associated to the portal vein endothelium of cirrhotic rats. *PLoS ONE*, **2019**, 14, e0218716	3.7	12
91	The Role of Hepatic and Splanchnic Lymphatic System in Portal Hypertension and Ascites. *Current Hepatology Reports*, **2019**, 18, 157-163	1	2
90	Effects of Albumin Treatment on Systemic and Portal Hemodynamics and Systemic Inflammation in Patients With Decompensated Cirrhosis. *Gastroenterology*, **2019**, 157, 149-162	13.3	91
89	An integrative method to predict signalling perturbations for cellular transitions. *Nucleic Acids Research*, **2019**, 47, e72	20.1	6
88	Neutrophil Gelatinase-Associated Lipocalin for Assessment of Acute Kidney Injury in Cirrhosis: A Prospective Study. *Hepatology*, **2019**, 70, 319-333	11.2	42
87	Cerium oxide nanoparticles improve liver regeneration after acetaminophen-induced liver injury and partial hepatectomy in rats. *Journal of Nanobiotechnology*, **2019**, 17, 112	9.4	17
86	Cerium Oxide Nanoparticles Protect against Oxidant Injury and Interfere with Oxidative Mediated Kinase Signaling in Human-Derived Hepatocytes. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	12
85	Characterization of inflammatory response in hepatorenal syndrome: Relationship with kidney outcome and survival. *Liver International*, **2019**, 39, 1246-1255	7.9	32
84	Treatment of adult chronic indeterminate Chagas disease with benznidazole and three E1224 dosing regimens: a proof-of-concept, randomised, placebo-controlled trial. *Lancet Infectious Diseases, The*, **2018**, 18, 419-430	25.5	160
83	Characterization of systemic inflammatory response in hepatorenal syndrome in cirrhosis. A major role for il-6, TNF-alpha, and VCAM. *Journal of Hepatology*, **2018**, 68, S698	13.4	3
82	Identification of the potentially arrhythmogenic substrate in the acute phase of ST-segment elevation myocardial infarction. *Heart Rhythm*, **2017**, 14, 592-598	6.7	5
81	The Role of Akt in Chronic Liver Disease and Liver Regeneration. *Seminars in Liver Disease*, **2017**, 37, 11-16	7.3	16
80	Effects of alfapump system on kidney and circulatory function in patients with cirrhosis and refractory ascites. *Liver Transplantation*, **2017**, 23, 583-593	4.5	26
79	A small population of liver endothelial cells undergoes endothelial-to-mesenchymal transition in response to chronic liver injury. *American Journal of Physiology - Renal Physiology*, **2017**, 313, G492-G504	5.1	33
78	Adipocyte Fatty-Acid Binding Protein is Overexpressed in Cirrhosis and Correlates with Clinical Outcomes. *Scientific Reports*, **2017**, 7, 1829	4.9	20
77	Prognostic value of plasma apelin concentrations at admission in patients with ST-segment elevation acute myocardial infarction. *Clinical Biochemistry*, **2017**, 50, 279-284	3.5	7
76	Plasma copeptin as biomarker of disease progression and prognosis in cirrhosis. *Journal of Hepatology*, **2016**, 65, 914-920	13.4	24
75	Characterization of Inflammatory Response in Acute-on-Chronic Liver Failure and Relationship with Prognosis. *Scientific Reports*, **2016**, 6, 32341	4.9	76

74	Neutrophil gelatinase-associated lipocalin is a biomarker of acute-on-chronic liver failure and prognosis in cirrhosis. *Journal of Hepatology*, **2016**, 65, 57-65	13.4	74
73	Urine Monocyte Chemoattractant Protein-1 Is an Independent Predictive Factor of Hospital Readmission and Survival in Cirrhosis. *PLoS ONE*, **2016**, 11, e0157371	3.7	13
72	Akt-mediated foxo1 inhibition is required for liver regeneration. *Hepatology*, **2016**, 63, 1660-74	11.2	34
71	Systemic inflammation in decompensated cirrhosis: Characterization and role in acute-on-chronic liver failure. *Hepatology*, **2016**, 64, 1249-64	11.2	349
70	Sipa1l1 is an early biomarker of liver fibrosis in CCl4-treated rats. *Biology Open*, **2016**, 5, 858-65	2.2	3
69	Utility of galectin-3 in predicting post-infarct remodeling after acute myocardial infarction based on extracellular volume fraction mapping. *International Journal of Cardiology*, **2016**, 223, 458-464	3.2	12
68	Overexpression of angiopoietin-2 in rats and patients with liver fibrosis. Therapeutic consequences of its inhibition. *Liver International*, **2015**, 35, 1383-92	7.9	18
67	Prognosis of new-onset heart failure outpatients and collagen biomarkers. *European Journal of Clinical Investigation*, **2015**, 45, 842-9	4.6	17
66	Analysis of a urinary biomarker panel for clinical outcomes assessment in cirrhosis. *PLoS ONE*, **2015**, 10, e0128145	3.7	66
65	Pathophysiology of Portal Hypertension **2015**, 3631-3665		5
64	Endothelial Akt1 mediates angiogenesis by phosphorylating multiple angiogenic substrates. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 12865-70	11.5	91
63	Urinary neutrophil gelatinase-associated lipocalin predicts kidney outcome and death in patients with cirrhosis and bacterial infections. *Journal of Hepatology*, **2014**, 61, 35-42	13.4	67
62	Lack of a 5.9 kDa peptide C-terminal fragment of fibrinogen □chain precedes fibrosis progression in patients with liver disease. *PLoS ONE*, **2014**, 9, e109254	3.7	12
61	Pathophysiology of Portal Hypertension **2014**, 1-41		
60	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). *Journal of the American College of Cardiology*, **2013**, 61, 2355-62	15.1	403
59	Impaired liver regeneration in Ldlr-/- mice is associated with an altered hepatic profile of cytokines, growth factors, and lipids. *Journal of Hepatology*, **2013**, 59, 731-7	13.4	13
58	Increased nitric oxide production in lymphatic endothelial cells causes impairment of lymphatic drainage in cirrhotic rats. *Gut*, **2013**, 62, 138-45	19.2	33
57	Bacterial lipopolyshaccaride inhibits CB2 receptor expression in human monocytic cells. *Gut*, **2013**, 62, 1089-91	19.2	8

56	Factors involved in extracellular matrix turnover in human derived cardiomyocytes. *Cellular Physiology and Biochemistry*, **2013**, 32, 1125-36	3.9	10
55	Down the liver sinusoidal endothelial cell (LSEC) hole. Is there a role for lipid rafts in LSEC fenestration?. *Hepatology*, **2013**, 57, 1272-4	11.2	6
54	Glucocorticoid alternative effects on proliferating and differentiated mammary epithelium are associated to opposite regulation of cell-cycle inhibitor expression. *Journal of Cellular Physiology*, **2012**, 227, 1721-30	7	10
53	Mir-33 regulates cell proliferation and cell cycle progression. *Cell Cycle*, **2012**, 11, 922-33	4.7	136
52	Adenoviral dominant-negative soluble PDGFR improves hepatic collagen, systemic hemodynamics, and portal pressure in fibrotic rats. *Journal of Hepatology*, **2012**, 57, 967-73	13.4	23
51	Admission B-type natriuretic peptide retains prognostic value in patients with acute coronary syndrome and preserved left ventricular ejection fraction. *International Journal of Cardiology*, **2012**, 158, 459-60	3.2	3
50	Prevention of fibrosis progression in CCl4-treated rats: role of the hepatic endocannabinoid and apelin systems. *Journal of Pharmacology and Experimental Therapeutics*, **2012**, 340, 629-37	4.7	49
49	Engineered zinc-finger proteins can compensate genetic haploinsufficiency by transcriptional activation of the wild-type allele: application to Willams-Beuren syndrome and supravalvular aortic stenosis. *Human Gene Therapy*, **2012**, 23, 1186-99	4.8	9
48	Prevention of chemotherapy-induced left ventricular dysfunction with enalapril and carvedilol: rationale and design of the OVERCOME trial. *Journal of Cardiac Failure*, **2011**, 17, 643-8	3.3	22
47	Hypoxia and proinflammatory factors upregulate apelin receptor expression in human stellate cells and hepatocytes. *Gut*, **2011**, 60, 1404-11	19.2	51
46	Circulating CO3-610, a degradation product of collagen III, closely reflects liver collagen and portal pressure in rats with fibrosis. *Fibrogenesis and Tissue Repair*, **2011**, 4, 19		27
45	Inhibition of placental growth factor activity reduces the severity of fibrosis, inflammation, and portal hypertension in cirrhotic mice. *Hepatology*, **2011**, 53, 1629-40	11.2	68
44	Angiogenesis and Vascular Growth in Liver Diseases **2011**, 343-359		
43	Hepatocarcinoma cells stimulate the growth, migration and expression of pro-angiogenic genes in human hepatic stellate cells. *Liver International*, **2010**, 30, 31-41	7.9	39
42	Apelin mediates the induction of profibrogenic genes in human hepatic stellate cells. *Endocrinology* , **2010**, 151, 5306-14	4.8	52
41	Plasma tissue inhibitor of matrix metalloproteinase-1 (TIMP-1): an independent predictor of poor response to cardiac resynchronization therapy. *European Journal of Heart Failure*, **2010**, 12, 492-8	12.3	14
40	Inactivation of extrahepatic vascular Akt improves systemic hemodynamics and sodium excretion in cirrhotic rats. *Journal of Hepatology*, **2010**, 53, 1041-8	13.4	5
39	Further pharmacological and genetic evidence for the efficacy of PlGF inhibition in cancer and eye disease. *Cell*, **2010**, 141, 178-90	56.2	218

38	961 HYPOXIA INDUCES APELIN RECEPTOR (APJ) EXPRESSION IN A CELL LINE DERIVED FROM HUMAN STELLATE CELLS. *Journal of Hepatology*, **2010**, 52, S372	13.4	
37	Vascular endothelial growth factor and angiopoietin-2 play a major role in the pathogenesis of vascular leakage in cirrhotic rats. *Gut*, **2009**, 58, 285-92	19.2	24
36	Hypoxia induces B-type natriuretic peptide release in cell lines derived from human cardiomyocytes. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 297, H550-5	5.2	59
35	Prostaglandin E2 and bone turnover markers in the evaluation of primary hypertrophic osteoarthropathy (pachydermoperiostosis): a case report. *Clinical Rheumatology*, **2009**, 28, 1229-33	3.9	12
34	LH/HCG stimulation of VEGF and adrenomedullin production by follicular fluid macrophages and luteinized granulosa cells. *Reproductive BioMedicine Online*, **2009**, 18, 743-9	4	12
33	Regression of fibrosis after chronic stimulation of cannabinoid CB2 receptor in cirrhotic rats. *Journal of Pharmacology and Experimental Therapeutics*, **2008**, 324, 475-83	4.7	134
32	The hepatic apelin system: a new therapeutic target for liver disease. *Hepatology*, **2008**, 48, 1193-201	11.2	94
31	Antiangiogenic treatment with sunitinib ameliorates inflammatory infiltrate, fibrosis, and portal pressure in cirrhotic rats. *Hepatology*, **2007**, 46, 1919-26	11.2	213
30	Gene transduction of an active mutant of akt exerts cytoprotection and reduces graft injury after liver transplantation. *American Journal of Transplantation*, **2007**, 7, 769-78	8.7	12
29	Impaired extracellular matrix degradation in aortic vessels of cirrhotic rats. *Journal of Hepatology*, **2007**, 46, 440-6	13.4	14
28	Ascites from cirrhotic patients induces angiogenesis through the phosphoinositide 3-kinase/Akt signaling pathway. *Journal of Hepatology*, **2005**, 43, 85-91	13.4	11
27	Microarray analysis of endothelial differentially expressed genes in liver of cirrhotic rats. *Gastroenterology*, **2005**, 129, 1686-95	13.3	37
26	Increased anandamide induced relaxation in mesenteric arteries of cirrhotic rats: role of cannabinoid and vanilloid receptors. *Gut*, **2005**, 54, 522-7	19.2	78
25	Neovascularization, Angiogenesis, and Vascular Remodeling in Portal Hypertension **2005**, 99-112		9
24	Role of endothelial nitric oxide synthase in endothelial activation: insights from eNOS knockout endothelial cells. *American Journal of Physiology - Cell Physiology*, **2004**, 286, C1195-202	5.4	100
23	In vitro characterization of aldosterone and cAMP effects in mouse distal convoluted tubule cells. *American Journal of Physiology - Renal Physiology*, **2004**, 286, F936-44	4.3	19
22	High-density lipoproteins reduce the effect of endotoxin on cytokine production and systemic hemodynamics in cirrhotic rats with ascites. *Journal of Hepatology*, **2004**, 40, 424-30	13.4	41
21	Pathophysiological role of Akt and endothelial nitric oxide synthase in cirrhosis **2004**, 121-126		

20	Influence of caveolin on constitutively activated recombinant eNOS: insights into eNOS dysfunction in BDL rat liver. *American Journal of Physiology - Renal Physiology*, **2003**, 285, G652-60	5.1	25
19	Transduction of the liver with activated Akt normalizes portal pressure in cirrhotic rats. *Gastroenterology*, **2003**, 125, 522-31	13.3	99
18	Nitric oxide synthase 3-dependent vascular remodeling and circulatory dysfunction in cirrhosis. *American Journal of Pathology*, **2003**, 162, 1985-93	5.8	53
17	Hypoxia is an inducer of vasodilator agents in peritoneal macrophages of cirrhotic patients. *Hepatology*, **2002**, 36, 1172-9	11.2	29
16	Functional reconstitution of endothelial nitric oxide synthase reveals the importance of serine 1179 in endothelium-dependent vasomotion. *Circulation Research*, **2002**, 90, 904-10	15.7	105
15	Sphingosine 1-phosphate activates Akt, nitric oxide production, and chemotaxis through a Gi protein/phosphoinositide 3-kinase pathway in endothelial cells. *Journal of Biological Chemistry*, **2001**, 276, 19672-7	5.4	224
14	Akt down-regulation of p38 signaling provides a novel mechanism of vascular endothelial growth factor-mediated cytoprotection in endothelial cells. *Journal of Biological Chemistry*, **2001**, 276, 30359-65	5.4	230
13	Suppression of vascular endothelial growth factor-mediated endothelial cell protection by survivin targeting. *American Journal of Pathology*, **2001**, 158, 1757-65	5.8	162
12	Akt-mediated phosphorylation of the G protein-coupled receptor EDG-1 is required for endothelial cell chemotaxis. *Molecular Cell*, **2001**, 8, 693-704	17.6	269
11	Vascular endothelial growth factor-stimulated actin reorganization and migration of endothelial cells is regulated via the serine/threonine kinase Akt. *Circulation Research*, **2000**, 86, 892-6	15.7	346
10	Membrane estrogen receptor engagement activates endothelial nitric oxide synthase via the PI3-kinase-Akt pathway in human endothelial cells. *Circulation Research*, **2000**, 87, 677-82	15.7	476
9	Nitric oxide synthase II mRNA expression in cardiac tissue of patients with heart failure undergoing cardiac transplantation. *Journal of Heart and Lung Transplantation*, **2000**, 19, 139-44	5.8	12
8	Vascular endothelial growth factor production in peritoneal macrophages of cirrhotic patients: regulation by cytokines and bacterial lipopolysaccharide. *Hepatology*, **1999**, 29, 1057-63	11.2	59
7	Nitric oxide production and inducible nitric oxide synthase expression in peritoneal macrophages of cirrhotic patients. *Hepatology*, **1999**, 30, 670-6	11.2	30
6	Chronic blockade of endothelin receptors in cirrhotic rats: hepatic and hemodynamic effects. *Gastroenterology*, **1999**, 116, 161-7	13.3	75
5	Increased renal expression of nitric oxide synthase type III in cirrhotic rats with ascites. *Hepatology*, **1998**, 27, 1191-9	11.2	15
4	Nitric oxide production by peritoneal macrophages of cirrhotic rats: a host response against bacterial peritonitis. *Gastroenterology*, **1997**, 112, 2056-64	13.3	28
3	Effect of bacterial lipopolysaccharide on endothelin-1 production in human vascular endothelial cells. *Journal of Hepatology*, **1997**, 26, 81-7	13.4	33

2	Increased nitric oxide synthase expression in arterial vessels of cirrhotic rats with ascites. *Hepatology*, **1996**, 24, 1481-6	11.2	21
1	Nitric Oxide and Systemic and Renal Hemodynamic Disturbances in Cirrhosis105-114		1