Carmen Peralta Uroz

List of Publications by Year
in descending order

128	6,364	66234	71532
papers	citations	42 h-index	76 g-index

131	131	131	5293
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hepatic ischemia and reperfusion injury: Effects on the liver sinusoidal milieu. Journal of Hepatology, 2013, 59, 1094-1106.	1.8	447
2	Protective effect of preconditioning on the injury associated to hepatic ischemia-reperfusion in the rat: Role of nitric oxide and adenosine. Hepatology, 1997, 25, 934-937.	3.6	306
3	Ischemic Preconditioning Increases the Tolerance of Fatty Liver to Hepatic Ischemia-Reperfusion Injury in the Rat. American Journal of Pathology, 2002, 161, 587-601.	1.9	192
4	The protective role of adenosine in inducing nitric oxide synthesis in rat liver ischemia preconditioning is mediated by activation of adenosine A2receptors. Hepatology, 1999, 29, 126-132.	3.6	190
5	Past and future approaches to ischemia-reperfusion lesion associated with liver transplantation. Life Sciences, 2006, 79, 1881-1894.	2.0	178
6	Preconditioning protects against systemic disorders associated with hepatic ischemia-reperfusion through blockade of tumor necrosis factorâ€“induced P-selectin up-regulation in the rat. Hepatology, 2001, 33, 100-113.	3.6	168
7	Liver Ischemic Preconditioning Is Mediated by the Inhibitory Action of Nitric Oxide on Endothelin. Biochemical and Biophysical Research Communications, 1996, 229, 264-270.	1.0	163
8	Adenosine monophosphate[ndash]activated protein kinase mediates the protective effects of ischemic preconditioning on hepatic ischemia-reperfusion injury in the rat. Hepatology, 2001, 34, 1164-1173.	3.6	158
9	Endoplasmic reticulum stress inhibition protects steatotic and non-steatotic livers in partial hepatectomy under ischemiaâ€“reperfusion. Cell Death and Disease, 2010, 1, e52-e52.	2.7	149
10	Current knowledge on oxidative stress in hepatic ischemia/reperfusion. Free Radical Research, 2013, 47, 555-568.	1.5	147
11	Microvascular dysfunction induced by reperfusion injury and protective effect of ischemic preconditioning. Free Radical Biology and Medicine, 2002, 33, 1200-1208.	1.3	141
12	Protective effect of liver ischemic preconditioning on liver and lung injury induced by hepatic ischemia-reperfusion in the rat. Hepatology, 1999, 30, 1481-1489.	3.6	138
13	Inflammasome-Mediated Inflammation in Liver Ischemia-Reperfusion Injury. Cells, 2019, 8, 1131.	1.8	138
14	The Current State of Knowledge of Hepatic Ischemia-Reperfusion Injury Based on Its Study in Experimental Models. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-20.	3.0	130
15	Effect of Lactobacillus johnsonii La1 and antioxidants on intestinal flora and bacterial translocation in rats with experimental cirrhosis. Journal of Hepatology, 2002, 37, 456-462.	1.8	127
16	Cyclooxygenase-derived products modulate the increased intrahepatic resistance of cirrhotic rat livers. Hepatology, 2003, 37, 172-181.	3.6	126
17	Hepatic preconditioning in rats is defined by a balance of adenosine and xanthine. Hepatology, 1998, 28, 768-773.	3.6	101
18	A retrospective study of pregnancy-associated atypical hemolytic uremic syndrome. Kidney International, 2018, 93, 450-459.	2.6	100

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19	Ischemic preconditioning affects interleukin release in fatty livers of rats undergoing ischemia/reperfusion. Hepatology, 2004, 39, 688-698.	3.6	98
20	Hepatic preconditioning preserves energy metabolism during sustained ischemia. American Journal of Physiology - Renal Physiology, 2000, 279, G163-G171.	1.6	94
21	Ischemic preconditioning: a defense mechanism against the reactive oxygen species generated after hepatic ischemia reperfusion1. Transplantation, 2002, 73, 1203-1211.	0.5	93
22	The response of the hepatocyte to ischemia. Liver International, 2007, 27, 6-16.	1.9	93
23	Preconditioning protects liver and lung damage in rat liver transplantation: Role of xanthine/xanthine oxidase. Hepatology, 2002, 36, 562-572.	3.6	92
24	Effects of aging on liver microcirculatory function and sinusoidal phenotype. Aging Cell, 2018, 17, e12829.	3.0	92
25	Protective effect of ozone treatment on the injury associated with hepatic ischemia-reperfusion: Antioxidant-prooxidant balance. Free Radical Research, 1999, 31, 191-196.	1.5	89
26	ENDOGENOUS NITRIC OXIDE AND EXOGENOUS NITRIC OXIDE SUPPLEMENTATION IN HEPATIC ISCHEMIA-REPERFUSION INJURY IN THE RAT1. Transplantation, 2001, 71, 529-536.	0.5	84
27	Preservation of steatotic livers in IGL-1 solution. Liver Transplantation, 2006, 12, 1215-1223.	1.3	84
28	Cross-talk between autophagy and KLF2 determines endothelial cell phenotype and microvascular function in acute liver injury. Journal of Hepatology, 2017, 66, 86-94.	1.8	84
29	Intestinal mucosal oxidative damage and bacterial translocation in cirrhotic rats. European Journal of Gastroenterology and Hepatology, 2003, 15, 145-150.	0.8	80
30	Is Ischemic Preconditioning a Useful Strategy in Steatotic Liver Transplantation?. American Journal of Transplantation, 2004, 4, 888-899.	2.6	78
31	Molecular pathways in protecting the liver from ischaemia/reperfusion injury: a 2015 update. Clinical Science, 2015, 129, 345-362.	1.8	77
32	Adenosine monophosphate-activated protein kinase and nitric oxide in rat steatotic liver transplantation. Journal of Hepatology, 2005, 43, 997-1006.	1.8	70
33	Effect of ozone treatment on reactive oxygen species and adenosine production during hepatic ischemia-reperfusion. Free Radical Research, 2000, 33, 595-605.	1.5	67
34	Silent Cerebral White Matter Lesions and Their Relationship With Vascular Risk Factors in Middle-Aged Predialysis Patients With CKD. American Journal of Kidney Diseases, 2006, 47, 241-250.	2.1	65
35	Activation of peroxisome proliferator-activated receptor-Î± inhibits the injurious effects of adiponectin in rat steatotic liver undergoing ischemia-reperfusion. Hepatology, 2008, 47, 461-472.	3.6	64
36	Simvastatin maintains function and viability of steatotic rat livers procured for transplantation. Journal of Hepatology, 2013, 58, 1140-1146.	1.8	60

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37	Heat Shock Proteins and Mitogen-activated Protein Kinases in Steatotic Livers Undergoing Ischemia-Reperfusion: Some Answers. American Journal of Pathology, 2006, 168, 1474-1485.	1.9	55
38	Addition of adenosine monophosphate-activated protein kinase activators to University of Wisconsin solution: A way of protecting rat steatotic livers. Liver Transplantation, 2007, 13, 410-425.	1.3	55
39	How ischaemic preconditioning protects small liver grafts. Journal of Pathology, 2006, 208, 62-73.	2.1	52
40	Hepatic microcirculatory failure. Acta Cirurgica Brasileira, 2006, 21, 48-53.	0.3	50
41	Exercise blood pressure, cardiac structure, and diastolic function in young normotensive patients with polycystic kidney disease: A prehypertensive state. American Journal of Kidney Diseases, 2004, 44, 216-223.	2.1	48
42	Inhibition of angiotensin II action protects rat steatotic livers against ischemia-reperfusion injury. Critical Care Medicine, 2008, 36, 1256-1266.	0.4	45
43	Tumor necrosis factor-alpha, interleukin-6, and nitric oxide in sterile ascitic fluid and serum from patients with cirrhosis who subsequently develop ascitic fluid infection. Digestive Diseases and Sciences, 2001, 46, 2360-2366.	1.1	44
44	The Combination of Ischemic Preconditioning and Liver Bcl-2 Overexpression Is a Suitable Strategy to Prevent Liver and Lung Damage after Hepatic Ischemia-Reperfusion. American Journal of Pathology, 2002, 160, 2111-2122.	1.9	43
45	Protection of Reduced-Size Liver for Transplantation. American Journal of Transplantation, 2004, 4, 1408-1420.	2.6	41
46	Nitric oxide in ascitic fluid is an independent predictor of the development of renal impairment in patients with cirrhosis and spontaneous bacterial peritonitis. European Journal of Gastroenterology and Hepatology, 2004, 16, 571-577.	0.8	41
47	Effects of Polyethylene Glycol and Hydroxyethyl Starch in University of Wisconsin Preservation Solution on Human Red Blood Cell Aggregation and Viscosity. Transplantation Proceedings, 2006, 38, 1229-1235.	0.3	39
48	Are Angiotensin II Receptor Antagonists Useful Strategies in Steatotic and Nonsteatotic Livers in Conditions of Partial Hepatectomy under Ischemia-Reperfusion?. Journal of Pharmacology and Experimental Therapeutics, 2009, 329, 130-140.	1.3	39
49	Liver ischemic preconditioning: a new strategy for the prevention of ischemia-reperfusion injury. Transplantation Proceedings, 2003, 35, 1800-1802.	0.3	38
50	Protection against lung damage in reduced-size liver transplantation*. Critical Care Medicine, 2006, 34, 1506-1513.	0.4	38
51	Resemblance of the human liver sinusoid in a fluidic device with biomedical and pharmaceutical applications. Biotechnology and Bioengineering, 2018, 115, 2585-2594.	1.7	38
52	Addition of carvedilol to University Wisconsin solution improves rat steatotic and nonsteatotic liver preservation. Liver Transplantation, 2010, 16, 163-171.	1.3	37
53	Prevention of I/R injury in fatty livers by ischemic preconditioning is associated with increased mitochondrial tolerance: the key role of ATPsynthase and mitochondrial permeability transition. Transplant International, 2009, 22, 1081-1090.	0.8	36
54	The effect of brain death in rat steatotic and non-steatotic liver transplantation with previous ischemic preconditioning. Journal of Hepatology, 2015, 62, 83-91.	1.8	36

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55	Effects of warm ischemia and reperfusion on the liver microcirculatory phenotype of rats: underlying mechanisms and pharmacological therapy. Scientific Reports, 2016, 6, 22107.	1.6	35
56	New preservation strategies for preventing liver grafts against cold ischemia reperfusion injury. Journal of Gastroenterology and Hepatology (Australia), 2007, 22, 1120-1126.	1.4	33
57	Trimetazidine: Is it a promising drug for use in steatotic grafts. World Journal of Gastroenterology, 2006, 12, 908.	1.4	32
58	Endoplasmic Reticulum Stress Inhibition Enhances Liver Tolerance to Ischemia/Reperfusion. Current Medicinal Chemistry, 2011, 18, 2016-2024.	1.2	32
59	Pancreatic nitric oxide and oxygen free radicals in the early stages of streptozotocin-induced diabetes mellitus in the rat. Brazilian Journal of Medical and Biological Research, 2000, 33, 1335-1342.	0.7	31
60	Therapeutic Targets in Liver Transplantation: Angiotensin II in Nonsteatotic Grafts and Angiotensin-(1â€”7) in Steatotic Grafts. American Journal of Transplantation, 2009, 9, 439-451.	2.6	31
61	A Novel Modular Bioreactor to In Vitro Study the Hepatic Sinusoid. PLoS ONE, 2014, 9, e111864.	1.1	31
62	Aging Influences Hepatic Microvascular Biology and Liver Fibrosis in Advanced Chronic Liver Disease. , 2019, 10, 684.		30
63	Current Knowledge about the Effect of Nutritional Status, Supplemented Nutrition Diet, and Gut Microbiota on Hepatic Ischemia-Reperfusion and Regeneration in Liver Surgery. Nutrients, 2020, 12, 284.	1.7	30
64	Adiponectin and resistin protect steatotic livers undergoing transplantation. Journal of Hepatology, 2013, 59, 1208-1214.	1.8	29
65	STRATEGIES TO MODULATE THE DELETERIOUS EFFECTS OF ENDOTHELIN IN HEPATIC ISCHEMIA-REPERFUSION1. Transplantation, 2000, 70, 1761-1770.	0.5	28
66	Insulin-Like Growth Factor and Epidermal Growth Factor Treatment: New Approaches to Protecting Steatotic Livers against Ischemia-Reperfusion Injury. Endocrinology, 2009, 150, 3153-3161.	1.4	28
67	Mitogen Activated Protein Kinases in Steatotic and Non-Steatotic Livers Submitted to Ischemia-Reperfusion. International Journal of Molecular Sciences, 2019, 20, 1785.	1.8	28
68	Brain death and marginal grafts in liver transplantation. Cell Death and Disease, 2015, 6, e1777-e1777.	2.7	27
69	The future of fatty livers. Journal of Hepatology, 2004, 41, 149-151.	1.8	26
70	Role of ischemic preconditioning and the portosystemic shunt in the prevention of liver and lung damage after rat liver transplantation1. Transplantation, 2003, 76, 282-289.	0.5	25
71	Mitochondrial bioenergetics boost macrophage activation, promoting liver regeneration in metabolically compromised animals. Hepatology, 2022, 75, 550-566.	3.6	25
72	Improved rat steatotic and nonsteatotic liver preservation by the addition of epidermal growth factor and insulin-like growth factor-I to University of Wisconsin solution. Liver Transplantation, 2010, 16, 1098-1111.	1.3	24

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73	Retinol-Binding Protein 4 and Peroxisome Proliferator-Activated Receptor-Î³ in Steatotic Liver Transplantation. Journal of Pharmacology and Experimental Therapeutics, 2011, 338, 143-153.	1.3	24
74	Up regulation of IL-6 by ischemic preconditioning in normal and fatty rat livers: Association with reduction of oxidative stress. Free Radical Research, 2006, 40, 1206-1217.	1.5	23
75	Use of Steatotic Grafts in Liver Transplantation: Current Status. Liver Transplantation, 2019, 25, 771-786.	1.3	22
76	Tauroursodeoxycholic Acid Affects PPARÎ³ and TLR4 in Steatotic Liver Transplantation. American Journal of Transplantation, 2012, 12, 3257-3271.	2.6	21
77	The effects of glucose and lipids in steatotic and nonâ€steatotic livers in conditions of partial hepatectomy under ischaemiaâ€reperfusion. Liver International, 2014, 34, e271-89.	1.9	19
78	Data on Adiponectin from 2010 to 2020: Therapeutic Target and Prognostic Factor for Liver Diseases?. International Journal of Molecular Sciences, 2020, 21, 5242.	1.8	19
79	Streptozotocin-Pancreatic Damage in the Rat: Modulatory Effect of 15-Deoxy Delta12,14-Prostaglandin J2 on Nitridergic and Prostanoid Pathway. Nitric Oxide - Biology and Chemistry, 2002, 6, 214-220.	1.2	18
80	Matrix Metalloproteinase 2 in Reducedâ€Size Liver Transplantation: Beyond the Matrix. American Journal of Transplantation, 2010, 10, 1167-1177.	2.6	18
81	Resistin and visfatin in steatotic and non-steatotic livers in the setting of partial hepatectomy under ischemia-reperfusion. Journal of Hepatology, 2014, 60, 87-95.	1.8	18
82	New Rat Model of Advanced NASH Mimicking Pathophysiological Features and Transcriptomic Signature of The Human Disease. Cells, 2019, 8, 1062.	1.8	17
83	The Effect of High-Mobility Group Box 1 in Rat Steatotic and Nonsteatotic Liver Transplantation From Donors After Brain Death. American Journal of Transplantation, 2016, 16, 1148-1159.	2.6	16
84	Effect of angiotensin II and bradykinin inhibition in rat reduced-size liver transplantation. Liver Transplantation, 2009, 15, 313-320.	1.3	15
85	Cyclic AMP in rat steatotic liver transplantation. Liver Transplantation, 2011, 17, n/a-n/a.	1.3	15
86	The Current Knowledge of the Role of PPAR in Hepatic Ischemia-Reperfusion Injury. PPAR Research, 2012, 2012, 1-14.	1.1	15
87	Mediators of rat ischemic hepatic preconditioning after cold preservation identified by microarray analysis. Liver Transplantation, 2006, 12, 1615-1625.	1.3	14
88	New Insights Into Fatty Liver Preservation Using Institute Georges Lopez Preservation Solution. Transplantation Proceedings, 2010, 42, 159-161.	0.3	14
89	Ischemia/Reperfusion Injury in the Aged Liver: The Importance of the Sinusoidal Endothelium in Developing Therapeutic Strategies for the Elderly. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 75, 268-277.	1.7	14
90	Evolution of Streptozotocinâ€“Pancreatic Damage in the Rat: Modulatory Effect of Endothelins on the Nitridergic and Prostanoid Pathway. Nitric Oxide - Biology and Chemistry, 1999, 3, 459-466.	1.2	13

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91	Does adiponectin benefit steatotic liver transplantation?. Liver Transplantation, 2011, 17, n/a-n/a.	1.3	13
92	Effects of Gut Metabolites and Microbiota in Healthy and Marginal Livers Submitted to Surgery. International Journal of Molecular Sciences, 2021, 22, 44.	1.8	13
93	Efficacy of Polyethylene Glycols in University of Wisconsin Preservation Solutions: A Study of Isolated Perfused Rat Liver. Transplantation Proceedings, 2005, 37, 3948-3950.	0.3	12
94	Relevance of VEGFA in rat livers subjected to partial hepatectomy under ischemia-reperfusion. Journal of Molecular Medicine, 2019, 97, 1299-1314.	1.7	12
95	Retinol binding protein 4 and retinol in steatotic and nonsteatotic rat livers in the setting of partial hepatectomy under ischemia/reperfusion. Liver Transplantation, 2012, 18, 1198-1208.	1.3	11
96	Role of oxidative stress in cardiovascular effects of anemia treatment with erythropoietin in predialysis patients with chronic kidney disease. Clinical Nephrology, 2012, 77, 171-181.	0.4	11
97	Nitric Oxide Enhances Endothelin Production in Pancreas Transplantation. Pancreas, 1997, 14, 369-372.	0.5	9
98	Echocardiographic evaluation in patients with autosomal dominant polycystic kidney disease and end-stage renal disease. American Journal of Kidney Diseases, 1999, 34, 264-272.	2.1	9
99	The effect of cortisol in rat steatotic and non-steatotic liver transplantation from brain-dead donors. Clinical Science, 2017, 131, 733-746.	1.8	9
100	FGF15 improves outcomes after brain dead donor liver transplantation with steatotic and non-steatotic grafts in rats. Journal of Hepatology, 2020, 73, 1131-1143.	1.8	9
101	Endothelin mediated nitric oxide effects in ischemia--reperfusion associated with pancreas transplantation. Digestive Diseases and Sciences, 1998, 43, 2627-2633.	1.1	7
102	New Insights into the Liverâ€“Visceral Adipose Axis During Hepatic Resection and Liver Transplantation. Cells, 2019, 8, 1100.	1.8	7
103	EGF-GH Axis in Rat Steatotic and Non-steatotic Liver Transplantation From Brain-dead Donors. Transplantation, 2019, 103, 1349-1359.	0.5	7
104	The impact of cortisol in steatotic and nonâ€steatotic liver surgery. Journal of Cellular and Molecular Medicine, 2017, 21, 2344-2358.	1.6	6
105	The Role of Adipokines in Surgical Procedures Requiring Both Liver Regeneration and Vascular Occlusion. International Journal of Molecular Sciences, 2018, 19, 3395.	1.8	6
106	Role of Dietary Nutritional Treatment on Hepatic and Intestinal Damage in Transplantation with Steatotic and Non-Steatotic Liver Grafts from Brain Dead Donors. Nutrients, 2021, 13, 2554.	1.7	6
107	The Effect of Fibroblast Growth Factor 15 Signaling in Non-Steatotic and Steatotic Liver Transplantation from Cardiocirculatory Death. Cells, 2019, 8, 1640.	1.8	5
108	New Insights Into the Role of Autophagy in Liver Surgery in the Setting of Metabolic Syndrome and Related Diseases. Frontiers in Cell and Developmental Biology, 2021, 9, 670273.	1.8	5

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109	Adipocytokines in Steatotic Liver Surgery/Transplantation. Transplantation, 2019, 103, 71-77.	0.5	4
110	Modulation of vasoconstrictor and dilator pancreatic metabolites in streptozotocine diabetic rats:. Prostaglandins and Other Lipid Mediators, 1999, 57, 281-290.	1.0	3
111	Isoform-specii¬€ quantii¬€ation of endothelins in HUVEC culture supernatants by on-line high-performance liquid chromatography/electrospray mass spectrometry. Biomedical Chromatography, 2004, 18, 388-395.	0.8	3
112	The Role of GLP1 in Rat Steatotic and Non-Steatotic Liver Transplantation from Cardiocirculatory Death Donors. Cells, 2019, 8, 1599.	1.8	3
113	Insights into Growth Factors in Liver Carcinogenesis and Regeneration: An Ongoing Debate on Minimizing Cancer Recurrence after Liver Resection. Biomedicines, 2021, 9, 1158.	1.4	3
114	Experimental Brain Death Models in Liver Transplantation. , 0, , .		2
115	The Role of Neuregulin-1 in Steatotic and Non-Steatotic Liver Transplantation from Brain-Dead Donors. Biomedicines, 2022, 10, 978.	1.4	2
116	Ischemia-reperfusion Injury and Oxidative Stress. , 2017, , 141-154.		1
117	Role of Oxidative Stress in Liver Transplantation. , 2017, , 853-868.		1
118	Ischemic Preconditioning Directly or Remotely Applied on the Liver to Reduce Ischemia-Reperfusion Injury in Resections and Transplantation. , 2019, , .		1
119	Role of FGF15 in Hepatic Surgery in the Presence of Tumorigenesis: Dr. Jekyll or Mr. Hyde?. Cells, 2021, 10, 1421.	1.8	1
120	Transport and Preservation of Liver in a Revolutionary Medical Device. Transplantation, 2018, 102, S789.	0.5	0
121	Underlying Protective Mechanisms of Cortisol Against the Deleterious Effects of Brain death in Both Steatotic and Non-Steatoric Liver Transplantation. Transplantation, 2018, 102, S698.	0.5	0
122	The Protective Effect of Ischemic Preconditioning and HMGB1 in Steatotic Liver Grafts from Brain-Dead Donors Submitted to Transplant. Transplantation, 2018, 102, S698.	0.5	0
123	Effects of Cortisol-Induced Acetylcholine Accumulation on Tissue Damage and Regeneration in Steatotic Livers in the Context of Partial Hepatectomy Under Vascular Occlusion. Transplantation, 2018, 102, S699.	0.5	0
124	The Combination of Ultrasound and Cold Storage Improves Kidney Graft Viability and Survival in Experimental Transplantation. Transplantation, 2018, 102, S788.	0.5	0
125	Hepatic Regeneration Under Warm or Cold Ischemia Conditions: Controversies and New Approaches. , 2019, , .		0
126	FRI-324-Introducing a new pre-clinical model of advanced NASH that mimics the main pathophysiologic characteristics and transcriptomic signature of the human disease. Journal of Hepatology, 2019, 70, e538-e539.	1.8	0

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127	PS-034-MCJ: A therapeutic target in hepatic ischemia and reperfusion injury. Journal of Hepatology, 2019, 70, e23-e24.	1.8	0
128	New Perspectives on the Use of Sub-Optimal Donor Livers. , 0, , .		0