

Joaquin Valentin Rodriguez

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The Novel N,N-Bis(2-Hydroxyethyl)-2-Aminoethanesulfonic Acid-Gluconate-Polyethylene Glycol Hypothermic Machine Perfusion Solution Improves Static Cold Storage and Reduces Ischemia/Reperfusion Injury in Rat Liver Transplant. Liver Transplantation, 2019, 25, 1375-1386.	2.4	5
2	Proteome variation of the rat liver after static cold storage assayed in an ex vivo model. Cryobiology, 2018, 85, 47-55.	0.7	3
3	Experimental bio-artificial liver: Importance of the architectural design on ammonia detoxification performance. World Journal of Hepatology, 2018, 10, 719-730.	2.0	3
4	Cryopreservation by slow cooling of rat neuronal cells. Cryobiology, 2016, 72, 191-197.	0.7	10
5	Performance of cold-preserved rat liver Microorgans as the biological component of a simplified prototype model of bioartificial liver. World Journal of Hepatology, 2016, 8, 1442.	2.0	1
6	The effect of a hydrogen sulfide releasing molecule (Na ₂ S) on the cold storage of livers from cardiac dead donor rats. A study in an ex vivo model. Cryobiology, 2015, 71, 24-32.	0.7	12
7	DESIGN OF A SIMPLE SLOW COOLING DEVICE FOR CRYOPRESERVATION OF SMALL BIOLOGICAL SAMPLES. Cryo-Letters, 2015, 36, 363-71.	0.3	0
8	Cold storage of liver microorgans in ViaSpan® and BG35 solutions. Study of ammonia metabolism during normothermic reoxygenation. Annals of Hepatology, 2014, 13, 256-264.	1.5	2
9	Hypothermic Machine Perfusion Versus Cold Storage in the Rescuing of Livers From Non-Heart-Beating Donor Rats. Artificial Organs, 2013, 37, 985-991.	1.9	13
10	Delivery of the Bioactive Gas Hydrogen Sulfide During Cold Preservation of Rat Liver: Effects on Hepatic Function in an Ex vivo Model. Artificial Organs, 2011, 35, 508-515.	1.9	22
11	Organ Preservation: Current Concepts and New Strategies for the Next Decade. Transfusion Medicine and Hemotherapy, 2011, 38, 125-142.	1.6	251
12	Subzero nonfreezing storage of rat hepatocytes using UW solution and 1,4-butanediol. II- functional testing on rewarming and gene expression of urea cycle enzymes. Annals of Hepatology, 2009, 8, 129-133.	1.5	5
13	Subzero nonfreezing storage of rat hepatocytes using modified University of Wisconsin solution (mUW) and 1,4-butanediol. I-effects on cellular metabolites during cold storage. Annals of Hepatology, 2009, 8, 57-62.	1.5	8
14	Subzero nonfreezing storage of rat hepatocytes using modified University of Wisconsin solution (mUW) and 1,4-butanediol. I- effects on cellular metabolites during cold storage. Annals of Hepatology, 2009, 8, 57-62.	1.5	3
15	A device to measure oxygen consumption during the hypothermic perfusion of the liver. Cryo-Letters, 2009, 30, 335-46.	0.3	2
16	Construction and Performance of a Minibioreactor Suitable as Experimental Bioartificial Liver. Artificial Organs, 2008, 32, 323-328.	1.9	9
17	Effect of cold preservation/reperfusion on glycogen content of liver. Concise review. Annals of Hepatology, 2005, 4, 25-31.	1.5	19
18	Adenosine 5'-triphosphate transport and accumulation during the cold preservation of rat hepatocytes in University of Wisconsin solution. World Journal of Gastroenterology, 2005, 11, 1957.	3.3	9

#	ARTICLE	IF	CITATIONS
19	The assessment of viability in isolated rat hepatocytes subjected to cold or subzero non-freezing preservation protocols using a propidium iodide modified test. Cryo-Letters, 2005, 26, 169-84.	0.3	4
20	Biliary inorganic phosphate as a tool for assessing cold preservation-reperfusion injury: A study in the isolated perfused rat liver model. Liver Transplantation, 2003, 9, 160-169.	2.4	6
21	The benefit of adding Sodium Nitroprusside (NPNa) or S-nitrosoglutathion (GSNO) to the University of Wisconsin Solution (UW) to prevent morphological alterations during cold preservation/reperfusion of rat livers. Annals of Hepatology, 2003, 2, 84-91.	1.5	15
22	Engraftment and Function of Intrasplenically Transplanted Cold Stored Rat Hepatocytes. Cell Transplantation, 2002, 11, 161-168.	2.5	19
23	functional response to cold preservation/reperfusion of rat liver. Annals of Hepatology, 2002, 1, 183-191.	1.5	15