

Joaquin Valentin Rodriguez

List of Publications by Citations

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Version: 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

374
citations

9
h-index

19
g-index

26
ext. papers

413
ext. citations

2.7
avg, IF

2.83
L-index

#	Paper	IF	Citations
23	Organ Preservation: Current Concepts and New Strategies for the Next Decade. <i>Transfusion Medicine and Hemotherapy</i> , 2011 , 38, 125-142	4.2	194
22	Delivery of the bioactive gas hydrogen sulfide during cold preservation of rat liver: effects on hepatic function in an ex vivo model. <i>Artificial Organs</i> , 2011 , 35, 508-15	2.6	19
21	Engraftment and Function of Intrasplenically Transplanted Cold Stored Rat Hepatocytes. <i>Cell Transplantation</i> , 2002 , 11, 161-168	4	18
20	Effect of cold preservation/reperfusion on glycogen content of liver. Concise review. <i>Annals of Hepatology</i> , 2005 , 4, 25-31	3.1	18
19	Hypothermic machine perfusion versus cold storage in the rescuing of livers from non-heart-beating donor rats. <i>Artificial Organs</i> , 2013 , 37, 985-91	2.6	13
18	Effect of S-nitrosoglutathione (GSNO) added to the University of Wisconsin solution (UW): II) functional response to cold preservation/reperfusion of rat liver. <i>Annals of Hepatology</i> , 2002 , 1, 183-191	3.1	13
17	The benefit of adding Sodium Nitroprusside (NPNa) or S-nitrosoglutathione (GSNO) to the University of Wisconsin Solution (UW) to prevent morphological alterations during cold preservation/reperfusion of rat livers. <i>Annals of Hepatology</i> , 2003 , 2, 84-91	3.1	12
16	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. <i>Cryobiology</i> , 2015 , 71, 24-32	2.7	10
15	Cryopreservation by slow cooling of rat neuronal cells. <i>Cryobiology</i> , 2016 , 72, 191-7	2.7	8
14	Construction and performance of a minibioreactor suitable as experimental bioartificial liver. <i>Artificial Organs</i> , 2008 , 32, 323-8	2.6	8
13	Adenosine 5' triphosphate transport and accumulation during the cold preservation of rat hepatocytes in University of Wisconsin solution. <i>World Journal of Gastroenterology</i> , 2005 , 11, 1957-64	5.6	8
12	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. <i>Annals of Hepatology</i> , 2009 , 8, 57-62	3.1	6
11	Biliary inorganic phosphate as a tool for assessing cold preservation-reperfusion injury: a study in the isolated perfused rat liver model. <i>Liver Transplantation</i> , 2003 , 9, 160-9	4.5	6
10	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. <i>Annals of Hepatology</i> , 2009 , 8, 129-133	3.1	4
9	Experimental bio-artificial liver: Importance of the architectural design on ammonia detoxification performance. <i>World Journal of Hepatology</i> , 2018 , 10, 719-730	3.4	3
8	Proteome variation of the rat liver after static cold storage assayed in an ex vivo model. <i>Cryobiology</i> , 2018 , 85, 47-55	2.7	3
7	The assessment of viability in isolated rat hepatocytes subjected to cold or subzero non-freezing preservation protocols using a propidium iodide modified test. <i>Cryo-Letters</i> , 2005 , 26, 169-84	0.3	3

6	A device to measure oxygen consumption during the hypothermic perfusion of the liver. <i>Cryo-Letters</i> , 2009 , 30, 335-46	0.3	2
5	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. <i>Liver Transplantation</i> , 2019 , 25, 1375-1386	4.5	1
4	Cold storage of liver microorgans in ViaSpan [®] and BG35 solutions. Study of ammonia metabolism during normothermic reoxygenation. <i>Annals of Hepatology</i> , 2014 , 13, 256-264	3.1	1
3	Performance of cold-preserved rat liver Microorgans as the biological component of a simplified prototype model of bioartificial liver. <i>World Journal of Hepatology</i> , 2016 , 8, 1442-1451	3.4	1
2	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. <i>Annals of Hepatology</i> , 2009 , 8, 57-62	3.1	1
1	DESIGN OF A SIMPLE SLOW COOLING DEVICE FOR CRYOPRESERVATION OF SMALL BIOLOGICAL SAMPLES. <i>Cryo-Letters</i> , 2015 , 36, 363-71	0.3	