

# Joaquin Valentin Rodriguez

## List of Publications by Year in descending order

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23  
papers

458  
citations

932766

10  
h-index

713013

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organ Preservation: Current Concepts and New Strategies for the Next Decade. <i>Transfusion Medicine and Hemotherapy</i> , 2011, 38, 125-142.	0.7	251
2	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, 508-515.	1.0	22
3	Engraftment and Function of Intrasplenically Transplanted Cold Stored Rat Hepatocytes. <i>Cell Transplantation</i> , 2002, 11, 161-168.	1.2	19
4	Effect of cold preservation/reperfusion on glycogen content of liver. Concise review. <i>Annals of Hepatology</i> , 2005, 4, 25-31.	0.6	19
5	functional response to cold preservation/reperfusion of rat liver. <i>Annals of Hepatology</i> , 2002, 1, 183-191.	0.6	15
6	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. <i>Annals of Hepatology</i> , 2003, 2, 84-91.	0.6	15
7	Hypothermic Machine Perfusion Versus Cold Storage in the Rescuing of Livers From Non-Heart-Beating Donor Rats. <i>Artificial Organs</i> , 2013, 37, 985-991.	1.0	13
8	The effect of a hydrogen sulfide releasing molecule (Na <sub>2</sub> 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.	0.3	12
9	Cryopreservation by slow cooling of rat neuronal cells. <i>Cryobiology</i> , 2016, 72, 191-197.	0.3	10
10	Construction and Performance of a Minibioreactor Suitable as Experimental Bioartificial Liver. <i>Artificial Organs</i> , 2008, 32, 323-328.	1.0	9
11	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.	1.4	9
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.	0.6	8
13	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, 160-169.	1.3	6
14	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.	0.6	5
15	The Novel N,N-bis(2-Hydroxyethyl)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.	1.3	5
16	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.	0.1	4
17	Proteome variation of the rat liver after static cold storage assayed in an ex vivo model. <i>Cryobiology</i> , 2018, 85, 47-55.	0.3	3
18	Experimental bio-artificial liver: Importance of the architectural design on ammonia detoxification performance. <i>World Journal of Hepatology</i> , 2018, 10, 719-730.	0.8	3

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19	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.	0.6	3
20	Cold storage of liver microorgans in ViaSpan® and BG35 solutions. Study of ammonia metabolism during normothermic reoxygenation. Annals of Hepatology, 2014, 13, 256-264.	0.6	2
21	A device to measure oxygen consumption during the hypothermic perfusion of the liver. Cryo-Letters, 2009, 30, 335-46.	0.1	2
22	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.	0.8	1
23	DESIGN OF A SIMPLE SLOW COOLING DEVICE FOR CRYOPRESERVATION OF SMALL BIOLOGICAL SAMPLES. Cryo-Letters, 2015, 36, 363-71.	0.1	0