

# Joaquin Valentin Rodriguez

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5054055/joaquin-valentin-rodriguez-publications-by-year.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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> , <b>2019</b> , 25, 1375-1386	4.5	1
22	Experimental bio-artificial liver: Importance of the architectural design on ammonia detoxification performance. <i>World Journal of Hepatology</i> , <b>2018</b> , 10, 719-730	3.4	3
21	Proteome variation of the rat liver after static cold storage assayed in an ex vivo model. <i>Cryobiology</i> , <b>2018</b> , 85, 47-55	2.7	3
20	Cryopreservation by slow cooling of rat neuronal cells. <i>Cryobiology</i> , <b>2016</b> , 72, 191-7	2.7	8
19	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> , <b>2016</b> , 8, 1442-1451	3.4	1
18	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> , <b>2015</b> , 71, 24-32	2.7	10
17	DESIGN OF A SIMPLE SLOW COOLING DEVICE FOR CRYOPRESERVATION OF SMALL BIOLOGICAL SAMPLES. <i>Cryo-Letters</i> , <b>2015</b> , 36, 363-71	0.3	
16	Cold storage of liver microorgans in ViaSpan <sup>®</sup> and BG35 solutions. Study of ammonia metabolism during normothermic reoxygenation. <i>Annals of Hepatology</i> , <b>2014</b> , 13, 256-264	3.1	1
15	Hypothermic machine perfusion versus cold storage in the rescuing of livers from non-heart-beating donor rats. <i>Artificial Organs</i> , <b>2013</b> , 37, 985-91	2.6	13
14	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> , <b>2011</b> , 35, 508-15	2.6	19
13	Organ Preservation: Current Concepts and New Strategies for the Next Decade. <i>Transfusion Medicine and Hemotherapy</i> , <b>2011</b> , 38, 125-142	4.2	194
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. <i>Annals of Hepatology</i> , <b>2009</b> , 8, 129-133	3.1	4
11	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> , <b>2009</b> , 8, 57-62	3.1	6
10	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> , <b>2009</b> , 8, 57-62	3.1	1
9	A device to measure oxygen consumption during the hypothermic perfusion of the liver. <i>Cryo-Letters</i> , <b>2009</b> , 30, 335-46	0.3	2
8	Construction and performance of a minibioreactor suitable as experimental bioartificial liver. <i>Artificial Organs</i> , <b>2008</b> , 32, 323-8	2.6	8
7	Effect of cold preservation/reperfusion on glycogen content of liver. Concise review. <i>Annals of Hepatology</i> , <b>2005</b> , 4, 25-31	3.1	18

6	Adenosine 5'-triphosphate transport and accumulation during the cold preservation of rat hepatocytes in University of Wisconsin solution. <i>World Journal of Gastroenterology</i> , <b>2005</b> , 11, 1957-64	5.6	8
5	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> , <b>2005</b> , 26, 169-84	0.3	3
4	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> , <b>2003</b> , 2, 84-91	3.1	12
3	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> , <b>2003</b> , 9, 160-9	4.5	6
2	Engraftment and Function of Intrasplenically Transplanted Cold Stored Rat Hepatocytes. <i>Cell Transplantation</i> , <b>2002</b> , 11, 161-168	4	18
1	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> , <b>2002</b> , 1, 183-191 <sup>3.1</sup>	3.1	13