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List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,385
citations

393982

19
h-index

329751

37
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47
all docs

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docs citations

47
times ranked

1007
citing authors

#	ARTICLE	IF	CITATIONS
1	CELL VIABILITY IMPROVES FOLLOWING INHIBITION OF CRYOPRESERVATION-INDUCED APOPTOSIS. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2000, 36, 262.	0.7	161
2	A Molecular Basis of Cryopreservation Failure and its Modulation to Improve Cell Survival. <i>Cell Transplantation</i> , 2001, 10, 561-571.	1.2	134
3	Chemo-Cryo Combination Therapy: An Adjunctive Model for the Treatment of Prostate Cancer. <i>Cryobiology</i> , 2001, 42, 274-285.	0.3	107
4	Molecular Mechanisms of Cellular Demise Associated with Cryopreservation Failure. <i>Cell Preservation Technology</i> , 2002, 1, 17-31.	0.8	104
5	Addition of anticancer agents enhances freezing-induced prostate cancer cell death: implications of mitochondrial involvement. <i>Cryobiology</i> , 2004, 49, 45-61.	0.3	71
6	Cryosurgical technique: Assessment of the fundamental variables using human prostate cancer model systems. <i>Cryobiology</i> , 2007, 55, 189-199.	0.3	66
7	Cryoablation of Renal Cancer: Variables Involved in Freezing-Induced Cell Death. <i>Technology in Cancer Research and Treatment</i> , 2007, 6, 69-79.	0.8	62
8	Cryopreservation of Isolated Primary Rat Hepatocytes. <i>Annals of Surgery</i> , 2005, 241, 125-133.	2.1	59
9	The pathophysiology of thermoablation: optimizing cryoablation. <i>Current Opinion in Urology</i> , 2009, 19, 127-132.	0.9	56
10	Gene Activation of the Apoptotic Caspase Cascade Following Cryogenic Storage. <i>Cell Preservation Technology</i> , 2002, 1, 63-80.	0.8	51
11	Best practices for cryopreserving, thawing, recovering, and assessing cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2017, 53, 855-871.	0.7	49
12	Modulation of the cryopreservation cap: elevated survival with reduced dimethyl sulfoxide concentration. <i>Cryobiology</i> , 2002, 45, 97-108.	0.3	44
13	Cryoablation: physical and molecular basis with putative immunological consequences. <i>International Journal of Hyperthermia</i> , 2019, 36, 10-16.	1.1	36
14	Cryoablative response of prostate cancer cells is influenced by androgen receptor expression. <i>BJU International</i> , 2008, 101, 1310-1316.	1.3	35
15	Long-Term Function of Cryopreserved Rat Hepatocytes in a Coculture System. <i>Cell Transplantation</i> , 2004, 13, 187-195.	1.2	34
16	The unfolded protein response in human corneal endothelial cells following hypothermic storage: Implications of a novel stress pathway. <i>Cryobiology</i> , 2011, 63, 46-55.	0.3	30
17	Vitamin D ₃ cryosensitization increases prostate cancer susceptibility to cryoablation via mitochondrial-mediated apoptosis and necrosis. <i>BJU International</i> , 2012, 109, 949-958.	1.3	29
18	Changing Paradigms in Biopreservation. <i>Biopreservation and Biobanking</i> , 2009, 7, 3-12.	0.5	26

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19	Role of Vitamin D3 as a Sensitizer to Cryoablation in a Murine Prostate Cancer Model: Preliminary In Vivo Study. <i>Urology</i> , 2010, 76, 764.e14-764.e20.	0.5	23
20	Development of a Tissue Engineered Human Prostate Tumor Equivalent for Use in the Evaluation of Cryoablative Techniques. <i>Technology in Cancer Research and Treatment</i> , 2007, 6, 81-89.	0.8	19
21	Biobanking: The Future of Cell Preservation Strategies. <i>Advances in Experimental Medicine and Biology</i> , 2015, 864, 37-53.	0.8	18
22	Defeating Cancers's Adaptive Defensive Strategies Using Thermal Therapies: Examining Cancer's Therapeutic Resistance, Ablative, and Computational Modeling Strategies as a means for Improving Therapeutic Outcome. <i>Technology in Cancer Research and Treatment</i> , 2018, 17, 153303381876220.	0.8	18
23	Characterization of Pancreatic Cancer Cell Thermal Response to Heat Ablation or Cryoablation. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 393-405.	0.8	17
24	Assessment of the Impact of Post-Thaw Stress Pathway Modulation on Cell Recovery following Cryopreservation in a Hematopoietic Progenitor Cell Model. <i>Cells</i> , 2022, 11, 278.	1.8	15
25	Activation of Mitochondrial-Associated Apoptosis Contributes to Cryopreservation Failure. <i>Cell Preservation Technology</i> , 2007, 5, 155-164.	0.8	14
26	Assessment of Cryosurgical Device Performance Using a 3D Tissue-Engineered Cancer Model. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 900-909.	0.8	14
27	Enhanced Hypothermic Storage of Neonatal Cardiomyocytes. <i>Cell Preservation Technology</i> , 2005, 3, 61-74.	0.8	11
28	An In Vitro Investigation into Cryoablation and Adjunctive Cryoablation/Chemotherapy Combination Therapy for the Treatment of Pancreatic Cancer Using the PANC-1 Cell Line. <i>Biomedicines</i> , 2022, 10, 450.	1.4	11
29	In Vitro Assessment of Apoptosis and Necrosis Following Cold Storage in a Human Airway Cell Model. <i>Biopreservation and Biobanking</i> , 2009, 7, 19-27.	0.5	9
30	Assessment of a novel cryoablation device for the endovascular treatment of cardiac tachyarrhythmias. <i>SAGE Open Medicine</i> , 2018, 6, 205031211876979.	0.7	9
31	Dose Escalation of Vitamin D3 Yields Similar Cryosurgical Outcome to Single Dose Exposure in a Prostate Cancer Model. <i>Cancer Control</i> , 2018, 25, 107327481875741.	0.7	8
32	Breast Cancer Cryoablation: Assessment of the Impact of Fundamental Procedural Variables in an In Vitro Human Breast Cancer Model. <i>Breast Cancer: Basic and Clinical Research</i> , 2020, 14, 117822342097236.	0.6	7
33	Cardiomyocyte Responses to Thermal Excursions: Implications for Electrophysiological Cardiac Mapping. <i>Cell Preservation Technology</i> , 2007, 5, 116-128.	0.8	4
34	Implications of Differential Stress Response Activation Following Non-Frozen Hepatocellular Storage. <i>Biopreservation and Biobanking</i> , 2013, 11, 33-44.	0.5	4
35	Dual thermal ablation of pancreatic cancer cells as an improved combinatorial treatment strategy. <i>Liver and Pancreatic Sciences</i> , 2017, 2, .	0.1	4
36	Investigation of Bladder Cancer Cell Response to Cryoablation and Adjunctive Cisplatin Based Cryo/Chemotherapy. <i>Clinical Research Open Access</i> , 2020, 6, .	0.0	4

#	ARTICLE	IF	CITATIONS
37	Evaluation of a Novel Cystoscopic Compatible Cryocatheter for the Treatment of Bladder Cancer. Bladder Cancer, 2020, 6, 303-318.	0.2	4
38	Mechanisms of Cryoablation. , 2011, , 13-21.		3
39	Investigation of the Impact of Cell Cycle Stage on Freeze Response Sensitivity of Androgen-Insensitive Prostate Cancer. Technology in Cancer Research and Treatment, 2016, 15, 609-617.	0.8	2
40	Development and Assessment of a Novel Device for the Controlled, Dry Thawing of Cryopreserved Cell Products. BioProcessing: Advances and Trends in Biological Product Development, 2016, 15, 30-41.	0.1	2