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List of Publications by Year
in descending order

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40 papers	1,385 citations	393982 19 h-index	329751 37 g-index
47 all docs	47 docs citations	47 times ranked	1007 citing authors

#	Article	IF	Citations
1	Assessment of the Impact of Post-Thaw Stress Pathway Modulation on Cell Recovery following Cryopreservation in a Hematopoietic Progenitor Cell Model. Cells, 2022, 11, 278.	1.8	15
2	An In Vitro Investigation into Cryoablation and Adjunctive Cryoablation/Chemotherapy Combination Therapy for the Treatment of Pancreatic Cancer Using the PANC-1 Cell Line. Biomedicines, 2022, 10, 450.	1.4	11
3	Breast Cancer Cryoablation: Assessment of the Impact of Fundamental Procedural Variables in an In Vitro Human Breast Cancer Model. Breast Cancer: Basic and Clinical Research, 2020, 14, 117822342097236.	0.6	7
4	Investigation of Bladder Cancer Cell Response to Cryoablation and Adjunctive Cisplatin Based Cryo/Chemotherapy. Clinical Research Open Access, 2020, 6, .	0.0	4
5	Evaluation of a Novel Cystoscopic Compatible Cryocatheter for the TreatmentÂof Bladder Cancer. Bladder Cancer, 2020, 6, 303-318.	0.2	4
6	Cryoablation: physical and molecular basis with putative immunological consequences. International Journal of Hyperthermia, 2019, 36, 10-16.	1.1	36
7	Dose Escalation of Vitamin D3 Yields Similar Cryosurgical Outcome to Single Dose Exposure in a Prostate Cancer Model. Cancer Control, 2018, 25, 107327481875741.	0.7	8
8	Defeating Cancersâ€™ Adaptive Defensive Strategies Using Thermal Therapies: Examining Cancerâ€™s Therapeutic Resistance, Ablative, and Computational Modeling Strategies as a means for Improving Therapeutic Outcome. Technology in Cancer Research and Treatment, 2018, 17, 153303381876220.	0.8	18
9	Assessment of a novel cryoablation device for the endovascular treatment of cardiac tachyarrhythmias. SAGE Open Medicine, 2018, 6, 205031211876979.	0.7	9
10	Characterization of Pancreatic Cancer Cell Thermal Response to Heat Ablation or Cryoablation. Technology in Cancer Research and Treatment, 2017, 16, 393-405.	0.8	17
11	Best practices for cryopreserving, thawing, recovering, and assessing cells. In Vitro Cellular and Developmental Biology - Animal, 2017, 53, 855-871.	0.7	49
12	Assessment of Cryosurgical Device Performance Using a 3D Tissue-Engineered Cancer Model. Technology in Cancer Research and Treatment, 2017, 16, 900-909.	0.8	14
13	Dual thermal ablation of pancreatic cancer cells as an improved combinatorial treatment strategy. Liver and Pancreatic Sciences, 2017, 2, .	0.1	4
14	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
15	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
16	Biobanking: The Future of Cell Preservation Strategies. Advances in Experimental Medicine and Biology, 2015, 864, 37-53.	0.8	18
17	Implications of Differential Stress Response Activation Following Non-Frozen Hepatocellular Storage. Biopreservation and Biobanking, 2013, 11, 33-44.	0.5	4
18	Vitamin D₃ cryosensitization increases prostate cancer susceptibility to cryoablation via mitochondrialâ€mediated apoptosis and necrosis. BJU International, 2012, 109, 949-958.	1.3	29

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19	The unfolded protein response in human corneal endothelial cells following hypothermic storage: Implications of a novel stress pathway. Cryobiology, 2011, 63, 46-55.	0.3	30
20	Mechanisms of Cryoablation. , 2011, , 13-21.		3
21	Role of Vitamin D3 as a Sensitizer to Cryoablation in a Murine Prostate Cancer Model: Preliminary In Vivo Study. Urology, 2010, 76, 764.e14-764.e20.	0.5	23
22	In VitroAssessment of Apoptosis and Necrosis Following Cold Storage in a Human Airway Cell Model. Biopreservation and Biobanking, 2009, 7, 19-27.	0.5	9
23	Changing Paradigms in Biopreservation. Biopreservation and Biobanking, 2009, 7, 3-12.	0.5	26
24	The pathophysiology of thermoablation: optimizing cryoablation. Current Opinion in Urology, 2009, 19, 127-132.	0.9	56
25	Cryoablative response of prostate cancer cells is influenced by androgen receptor expression. BJU International, 2008, 101, 1310-1316.	1.3	35
26	Development of a Tissue Engineered Human Prostate Tumor Equivalent for Use in the Evaluation of Cryoablative Techniques. Technology in Cancer Research and Treatment, 2007, 6, 81-89.	0.8	19
27	Cardiomyocyte Responses to Thermal Excursions: Implications for Electrophysiological Cardiac Mapping. Cell Preservation Technology, 2007, 5, 116-128.	0.8	4
28	Activation of Mitochondrial-Associated Apoptosis Contributes to Cryopreservation Failure. Cell Preservation Technology, 2007, 5, 155-164.	0.8	14
29	Cryoablation of Renal Cancer: Variables Involved in Freezing-Induced Cell Death. Technology in Cancer Research and Treatment, 2007, 6, 69-79.	0.8	62
30	Cryosurgical technique: Assessment of the fundamental variables using human prostate cancer model systems. Cryobiology, 2007, 55, 189-199.	0.3	66
31	Cryopreservation of Isolated Primary Rat Hepatocytes. Annals of Surgery, 2005, 241, 125-133.	2.1	59
32	Enhanced Hypothermic Storage of Neonatal Cardiomyocytes. Cell Preservation Technology, 2005, 3, 61-74.	0.8	11
33	Addition of anticancer agents enhances freezing-induced prostate cancer cell death: implications of mitochondrial involvement. Cryobiology, 2004, 49, 45-61.	0.3	71
34	Long-Term Function of Cryopreserved Rat Hepatocytes in a Coculture System. Cell Transplantation, 2004, 13, 187-195.	1.2	34
35	Gene Activation of the Apoptotic Caspase Cascade Following Cryogenic Storage. Cell Preservation Technology, 2002, 1, 63-80.	0.8	51
36	Molecular Mechanisms of Cellular Demise Associated with Cryopreservation Failure. Cell Preservation Technology, 2002, 1, 17-31.	0.8	104

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37	Modulation of the cryopreservation cap: elevated survival with reduced dimethyl sulfoxide concentration. Cryobiology, 2002, 45, 97-108.	0.3	44
38	Chemo-Cryo Combination Therapy: An Adjunctive Model for the Treatment of Prostate Cancer. Cryobiology, 2001, 42, 274-285.	0.3	107
39	A Molecular Basis of Cryopreservation Failure and its Modulation to Improve Cell Survival. Cell Transplantation, 2001, 10, 561-571.	1.2	134
40	CELL VIABILITY IMPROVES FOLLOWING INHIBITION OF CRYOPRESERVATION-INDUCED APOPTOSIS. In Vitro Cellular and Developmental Biology - Animal, 2000, 36, 262.	0.7	161