

# Hubert Hackl

## List of Publications by Year in descending order

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Version: 2024-02-01

145  
papers

13,500  
citations

134610

34  
h-index

31191

106  
g-index

153  
all docs

153  
docs citations

153  
times ranked

26930  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating metabolites as a concept beyond tumor biology determining disease recurrence after resection of colorectal liver metastasis. <i>Hpb</i> , 2022, 24, 116-129.	0.1	4
2	CD161 expression and regulation defines rapidly responding effector CD4+ T cells associated with improved survival in HPV16-associated tumors. , 2022, 10, e003995.		16
3	Hepatocellular carcinoma as predominant cancer subgroup accounting for sex differences in post-hepatectomy liver failure, morbidity and mortality. <i>Hpb</i> , 2022, 24, 1453-1463.	0.1	2
4	MIO: microRNA target analysis system for immuno-oncology. <i>Bioinformatics</i> , 2022, 38, 3665-3667.	1.8	0
5	Clinical impact of BRCA2 mRNA expression in high-grade serous ovarian cancer: validation using the TCGA cohort. <i>Acta Oncol</i> , 2021, 60, 187-190.	0.8	0
6	Initial Evidence of Distinguishable Bacterial and Fungal Dysbiosis in the Skin of Patients with Atopic Dermatitis or Netherton Syndrome. <i>Journal of Investigative Dermatology</i> , 2021, 141, 114-123.	0.3	23
7	Consequences of Perioperative Serotonin Reuptake Inhibitor Treatment During Hepatic Surgery. <i>Hepatology</i> , 2021, 73, 1956-1966.	3.6	13
8	Early postoperative arterial lactate concentrations to stratify risk of post-hepatectomy liver failure. <i>British Journal of Surgery</i> , 2021, 108, 1360-1370.	0.1	13
9	Combined APRI/ALBI score to predict mortality after hepatic resection. <i>BJs Open</i> , 2021, 5, .	0.7	12
10	Overcoming negative predictions of microRNA expressions to gemcitabine response with FOLFIRINOX in advanced pancreatic cancer patients. <i>Future Science OA</i> , 2021, 7, FSO644.	0.9	2
11	Noninvasive evaluation of intra-graft immune responses in upper extremity transplantation. <i>Transplant International</i> , 2021, 34, 894-905.	0.8	2
12	Downregulation of MTSS1 in acute myeloid leukemia is associated with a poor prognosis, chemotherapy resistance, and disease aggressiveness. <i>Leukemia</i> , 2021, 35, 2827-2839.	3.3	9
13	Targeting the glucocorticoid receptor signature gene Mono Amine Oxidase-A enhances the efficacy of chemo- and anti-androgen therapy in advanced prostate cancer. <i>Oncogene</i> , 2021, 40, 3087-3100.	2.6	18
14	Expression of MICA in Zero Hour Biopsies Predicts Graft Survival After Liver Transplantation. <i>Frontiers in Immunology</i> , 2021, 12, 606146.	2.2	3
15	Toll-like receptor 3 mediates osteoblastic phenotype switch in calcific aortic valve disease. <i>British Journal of Surgery</i> , 2021, 108, .	0.1	0
16	The Addition of C-reactive Protein and von Willebrand Factor to Model for End-stage Liver Disease Sodium Improves Prediction of Waitlist Mortality. <i>Hepatology</i> , 2021, 74, 1533-1545.	3.6	17
17	Acute overwhelming inflammation as a mechanism driving postoperative liver failure in humans. <i>Hpb</i> , 2021, 23, S484.	0.1	0
18	Complement Potentiates Immune Sensing of HIV-1 and Early Type I Interferon Responses. <i>MBio</i> , 2021, 12, e0240821.	1.8	6

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19	Platelets and Antiplatelet Medication in COVID-19-Related Thrombotic Complications. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 802566.	1.1	7
20	Adverse Outcome in COVID-19 Is Associated With an Aggravating Hypo-Responsive Platelet Phenotype. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 795624.	1.1	23
21	The BH3-only protein NOXA serves as an independent predictor of breast cancer patient survival and defines susceptibility to microtubule targeting agents. <i>Cell Death and Disease</i> , 2021, 12, 1151.	2.7	11
22	miR-19a-3p containing exosomes improve function of ischaemic myocardium upon shock wave therapy. <i>Cardiovascular Research</i> , 2020, 116, 1226-1236.	1.8	71
23	Immunomodulation with pomalidomide at early lymphocyte recovery after induction chemotherapy in newly diagnosed AML and high-risk MDS. <i>Leukemia</i> , 2020, 34, 1563-1576.	3.3	17
24	The von Willebrand Factor Facilitates Model for End-Stage Liver Disease-Independent Risk Stratification on the Waiting List for Liver Transplantation. <i>Hepatology</i> , 2020, 72, 584-594.	3.6	26
25	Hospitalizations and Clinical Outcome in Metastatic Colorectal Cancer During Regorafenib or TAS-102 Therapy. <i>Cancers</i> , 2020, 12, 2812.	1.7	3
26	Long-term outcome after hand and forearm transplantation – a retrospective study. <i>Transplant International</i> , 2020, 33, 1762-1778.	0.8	12
27	Deficiency of malate-aspartate shuttle component SLC25A12 induces pulmonary metastasis. <i>Cancer &amp; Metabolism</i> , 2020, 8, 26.	2.4	11
28	Low Expression of miR-20a-5p Predicts Benefit to Bevacizumab in Metastatic Breast Cancer Patients Treated within the TANIA Phase III Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 1663.	1.0	7
29	Toll-like receptor 3 mediates ischaemia/reperfusion injury after cardiac transplantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 826-835.	0.6	9
30	TNF $\alpha$ signalling predicts poor prognosis of patients with endometrial cancer. <i>Carcinogenesis</i> , 2020, 41, 1065-1073.	1.3	9
31	Shock waves promote spinal cord repair via TLR3. <i>JCI Insight</i> , 2020, 5, .	2.3	15
32	The miR-34 family and its clinical significance in ovarian cancer. <i>Journal of Cancer</i> , 2020, 11, 1446-1456.	1.2	35
33	Abstract 2161: Identifying GDF-15 as potential novel immunotherapeutic target linked to immune cell exclusion in tumors and resistance to anti-PD-1 treatment. , 2020, , .		2
34	Baseline Absolute Lymphocyte Count and ECOG Performance Score Are Associated with Survival in Advanced Non-Small Cell Lung Cancer Undergoing PD-1/PD-L1 Blockade. <i>Journal of Clinical Medicine</i> , 2019, 8, 1014.	1.0	41
35	Sex matching does not impact the outcome after simultaneous pancreas-kidney transplantation. <i>Clinical Transplantation</i> , 2019, 33, e13717.	0.8	9
36	Next-generation computational tools for interrogating cancer immunity. <i>Nature Reviews Genetics</i> , 2019, 20, 724-746.	7.7	131

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37	383 Distinguishable bacterial and fungal dysbiosis in skin of patients with Atopic Dermatitis or Netherton Syndrome. <i>Journal of Investigative Dermatology</i> , 2019, 139, S280.	0.3	0
38	Outgrowth, proliferation, viability, angiogenesis and phenotype of primary human endothelial cells in different purchasable endothelial culture media: feed wisely. <i>Histochemistry and Cell Biology</i> , 2019, 152, 377-390.	0.8	20
39	Association between antibiotics use and outcome in patients with NSCLC treated with immunotherapeutics. <i>Annals of Oncology</i> , 2019, 30, 652-653.	0.6	15
40	Molecular and pharmacological modulators of the tumor immune contexture revealed by deconvolution of RNA-seq data. <i>Genome Medicine</i> , 2019, 11, 34.	3.6	732
41	SOCS2 is part of a highly prognostic 4-gene signature in AML and promotes disease aggressiveness. <i>Scientific Reports</i> , 2019, 9, 9139.	1.6	34
42	Clinical Impact of RANK Signalling in Ovarian Cancer. <i>Cancers</i> , 2019, 11, 791.	1.7	11
43	Regorafenib Is Associated With Increased Skeletal Muscle Loss Compared to TAS-102 in Metastatic Colorectal Cancer. <i>Clinical Colorectal Cancer</i> , 2019, 18, 159-166.e3.	1.0	14
44	Modeling therapy resistance via the <sc>EGFR</sc> signaling pathway. <i>FEBS Journal</i> , 2019, 286, 1284-1286.	2.2	6
45	Microbial Colonization in Adulthood Shapes the Intestinal Macrophage Compartment. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 1173-1185.	0.6	5
46	Predicting Postoperative Liver Dysfunction Based on Blood-Derived MicroRNA Signatures. <i>Hepatology</i> , 2019, 69, 2636-2651.	3.6	33
47	CGRP Signaling via CALCRL Increases Chemotherapy Resistance and Stem Cell Properties in Acute Myeloid Leukemia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5826.	1.8	22
48	All-trans retinoic acid enhances, and a pan-RAR antagonist counteracts, the stem cell promoting activity of EVI1 in acute myeloid leukemia. <i>Cell Death and Disease</i> , 2019, 10, 944.	2.7	18
49	The Effects of Endurance Exercise and Diet on Atherosclerosis in Young and Aged ApoE <sup>+/+</sup> and Wild-Type Mice. <i>Gerontology</i> , 2019, 65, 45-56.	1.4	21
50	Abstract P3-10-07: A 3-gene DNA methylation signature fails to predict response to bevacizumab in metastatic breast cancer patients treated within the TANIA phase III trial. , 2019, , .		0
51	BRCA2 mRNA-Expression als prognostisch relevanter Faktor beim Ovarialkarzinom: Validierung an der TCGA-Kohorte. , 2019, 79, .		0
52	A Signature of T Cell Exhaustion Is Enriched in the Bone Marrow (BM) of AML Patients and Shared with Immune Exhaustion Signatures of Solid Tumors. <i>Blood</i> , 2019, 134, 2711-2711.	0.6	0
53	EP1004...Prognostic impact of BRCA2 mRNA expression in ovarian cancer: validation using the TCGA cohort. , 2019, , .		0
54	Soluble immune checkpoints CD27, Lag3, PD-L2 and Tim3 in early stage NSCLC patients. <i>European Journal of Cancer</i> , 2018, 92, S12.	1.3	2

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55	Targeting immune checkpoints potentiates immunoediting and changes the dynamics of tumor evolution. <i>Nature Communications</i> , 2018, 9, 32.	5.8	193
56	Enhanced Expression of Genes Related to Xenobiotic Metabolism in the Skin of Patients with Atopic Dermatitis but Not with Ichthyosis Vulgaris. <i>Journal of Investigative Dermatology</i> , 2018, 138, 98-108.	0.3	28
57	Truncated isoform Vav3.1 is highly expressed in ovarian cancer stem cells and clinically relevant in predicting prognosis and platinum response. <i>International Journal of Cancer</i> , 2018, 142, 1640-1651.	2.3	8
58	Investigating epigenetic effects of activation-induced deaminase in chronic lymphocytic leukemia. <i>PLoS ONE</i> , 2018, 13, e0208753.	1.1	4
59	PO-155 Therapeutic evaluation of HEDGEHOG-GLI signalling pathway through miRNA and mRNA profiling of ovarian carcinoma. <i>ESMO Open</i> , 2018, 3, A287.	2.0	0
60	Gestational diabetes alters microRNA signatures in human fetoplacental endothelial cells depending on fetal sex. <i>Clinical Science</i> , 2018, 132, 2437-2449.	1.8	37
61	Loss of ABHD15 Impairs the Anti-lipolytic Action of Insulin by Altering PDE3B Stability and Contributes to Insulin Resistance. <i>Cell Reports</i> , 2018, 23, 1948-1961.	2.9	36
62	DNA Methylation Signatures Predicting Bevacizumab Efficacy in Metastatic Breast Cancer. <i>Theranostics</i> , 2018, 8, 2278-2288.	4.6	28
63	Sidedness and TP53 mutations impact OS in anti-EGFR but not anti-VEGF treated mCRC - an analysis of the KRAS registry of the AGMT (Arbeitsgemeinschaft Medikamentöse Tumortherapie). <i>BMC Cancer</i> , 2018, 18, 11.	1.1	14
64	Impact of antibiotic treatment on immune-checkpoint blockade efficacy in advanced non-squamous non-small cell lung cancer. <i>Oncotarget</i> , 2018, 9, 16512-16520.	0.8	71
65	Signatures of CD8+ T cell dysfunction in AML patients and their reversibility with response to chemotherapy. <i>JCI Insight</i> , 2018, 3, .	2.3	123
66	Endothelin-1 genetic polymorphism as predictive marker for bevacizumab in metastatic breast cancer. <i>Pharmacogenomics Journal</i> , 2017, 17, 344-350.	0.9	10
67	Molecular and genetic alterations associated with therapy resistance and relapse of acute myeloid leukemia. <i>Journal of Hematology and Oncology</i> , 2017, 10, 51.	6.9	85
68	Dynamics of Bile Acid Profiles, GLP-1, and FGF19 After Laparoscopic Gastric Banding. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2974-2984.	1.8	24
69	Identification of the activating cytotoxicity receptor NKG2D as a senescence marker in zero-hour kidney biopsies is indicative for clinical outcome. <i>Kidney International</i> , 2017, 91, 1447-1463.	2.6	21
70	Pan-cancer Immunogenomic Analyses Reveal Genotype-Immunophenotype Relationships and Predictors of Response to Checkpoint Blockade. <i>Cell Reports</i> , 2017, 18, 248-262.	2.9	2,953
71	MicroRNAs and their role for T stage determination and lymph node metastasis in early colon carcinoma. <i>Clinical and Experimental Metastasis</i> , 2017, 34, 431-440.	1.7	13
72	Influence of body mass index on survival in indolent and mantle cell lymphomas: analysis of the StiL NHL1 trial. <i>Annals of Hematology</i> , 2017, 96, 1155-1162.	0.8	6

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73	Low expression of miR-20a-5p predicts benefit to bevacizumab in metastatic breast cancer patients treated within the TANIA trial. <i>Annals of Oncology</i> , 2017, 28, v25.	0.6	1

74 Sidedness and TP53 mutations impact OS in anti-EGFR but not anti-VEGF treated mCRC - An analysis of

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91	Complement-Opsonized HIV-1 Overcomes Restriction in Dendritic Cells. PLoS Pathogens, 2015, 11, e1005005.	2.1	44
92	Differentiation between Acute Skin Rejection in Allotransplantation and T-Cell Mediated Skin Inflammation Based on Gene Expression Analysis. BioMed Research International, 2015, 2015, 1-11.	0.9	17
93	Immediate T-Helper 17 Polarization Upon Triggering CD11b/c on HIV-Exposed Dendritic Cells. Journal of Infectious Diseases, 2015, 212, 44-56.	1.9	22
94	Differentiation Between Vascularized Composite Allograft Acute Skin Rejection and Delayed Type Hypersensitivity Reactions Based on Cytokine Analysis. Vascularized Composite Allotransplantation, 2015, 2, 9-16.	0.5	0
95	Piezo1 forms mechanosensitive ion channels in the human MCF-7 breast cancer cell line. Scientific Reports, 2015, 5, 8364.	1.6	122
96	Amphotericin B Resistance in Aspergillus terreus Is Overpowered by Coapplication of Pro-oxidants. Antioxidants and Redox Signaling, 2015, 23, 1424-1438.	2.5	25
97	EV11 promotes tumor growth via transcriptional repression of MS4A3. Journal of Hematology and Oncology, 2015, 8, 28.	6.9	25
98	Characterization of the immunophenotypes and antigenomes of colorectal cancers reveals distinct tumor escape mechanisms and novel targets for immunotherapy. Genome Biology, 2015, 16, 64.	3.8	433
99	Differential gene expression in Aspergillus fumigatus induced by human platelets in vitro. International Journal of Medical Microbiology, 2015, 305, 327-338.	1.5	9
100	A modified scoring of the <math>NCCN</math> <math>IPI</math> is more accurate in the elderly and is improved by albumin and <math>I^2</math> microglobulin. British Journal of Haematology, 2015, 168, 239-245.	1.2	69
101	A gene expression profile associated with relapse of cytogenetically normal acute myeloid leukemia is enriched for leukemia stem cell genes. Leukemia and Lymphoma, 2015, 56, 1126-1128.	0.6	33
102	Abstract P4-07-03: MicroRNAs correlating with outcome in patients treated with first-line bevacizumab for metastatic breast cancer. , 2015, , .		1
103	Insights from Computational Modeling in Inflammation and Acute Rejection in Limb Transplantation. PLoS ONE, 2014, 9, e99926.	1.1	22
104	The Impact of Skin Type and Area on Skin Rejection in Limb Transplantation. Vascularized Composite Allotransplantation, 2014, 1, 42-49.	0.5	3
105	The oncogene <math>EV11</math> enhances transcriptional and biological responses of human myeloid cells to <math>all-trans</math> retinoic acid. Cell Cycle, 2014, 13, 2931-2943.	1.3	22
106	High STAT1 mRNA levels but not its tyrosine phosphorylation are associated with macrophage infiltration and bad prognosis in breast cancer. BMC Cancer, 2014, 14, 257.	1.1	65
107	Effects of Oxidized Phospholipids on Gene Expression in RAW 264.7 Macrophages: A Microarray Study. PLoS ONE, 2014, 9, e110486.	1.1	11
108	Clonal Evolution in Relapsed or Refractory Diffuse Large B Cell Lymphoma. Blood, 2014, 124, 77-77.	0.6	0

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109	Overexpression of primary microRNA 221/222 in acute myeloid leukemia. <i>BMC Cancer</i> , 2013, 13, 364.	1.1	45
110	Mathematical models for translational and clinical oncology. <i>Journal of Clinical Bioinformatics</i> , 2013, 3, 23.	1.2	14
111	Early structural and metabolic cardiac remodelling in response to inducible adipose triglyceride lipase ablation. <i>Cardiovascular Research</i> , 2013, 99, 442-451.	1.8	52
112	Nr4a1 Is Required for Fasting-Induced Down-Regulation of Ppar $\gamma$ 2 in White Adipose Tissue. <i>Molecular Endocrinology</i> , 2013, 27, 135-149.	3.7	25
113	GPViz: dynamic visualization of genomic regions and variants affecting protein domains. <i>Bioinformatics</i> , 2013, 29, 2195-2196.	1.8	2
114	EV11 Inhibits Apoptosis Induced by Antileukemic Drugs via Upregulation of CDKN1A/p21/WAF in Human Myeloid Cells. <i>PLoS ONE</i> , 2013, 8, e56308.	1.1	20
115	$\hat{I}\pm/\hat{I}^2$ -Hydrolase Domain Containing Protein 15 (ABHD15) " an Adipogenic Protein Protecting from Apoptosis. <i>PLoS ONE</i> , 2013, 8, e79134.	1.1	12
116	The Human Placental Sexome Differs between Trophoblast Epithelium and Villous Vessel Endothelium. <i>PLoS ONE</i> , 2013, 8, e79233.	1.1	96
117	Integrating Biomolecular and Clinical Data for Cancer Research: Concepts and Challenges. , 2012, , 159-172.		0
118	Bioinformatics for cancer immunology and immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2012, 61, 1885-1903.	2.0	40
119	Cooperativity of Stress-Responsive Transcription Factors in Core Hypoxia-Inducible Factor Binding Regions. <i>PLoS ONE</i> , 2012, 7, e45708.	1.1	46
120	Differential response of arterial and venous endothelial cells to extracellular matrix is modulated by oxygen. <i>Histochemistry and Cell Biology</i> , 2012, 137, 641-655.	0.8	8
121	Insights into Global Mechanisms and Disease by Gene Expression Profiling. <i>Methods in Molecular Biology</i> , 2011, 719, 269-298.	0.4	2
122	Transcriptional regulatory program in wild-type and retinoblastoma gene-deficient mouse embryonic fibroblasts during adipocyte differentiation. <i>BMC Research Notes</i> , 2011, 4, 157.	0.6	10
123	Adipose Triglyceride Lipase and Hormone-Sensitive Lipase Are Involved in Fat Loss in JunB-Deficient Mice. <i>Endocrinology</i> , 2011, 152, 2678-2689.	1.4	12
124	Arxes: retrotransposed genes required for adipogenesis. <i>Nucleic Acids Research</i> , 2011, 39, 3224-3239.	6.5	15
125	Fetal HDL/apoE: a novel regulator of gene expression in human placental endothelial cells. <i>Physiological Genomics</i> , 2011, 43, 1255-1262.	1.0	21
126	microRNAs in acute myeloid leukemia: Expression patterns, correlations with genetic and clinical parameters, and prognostic significance. <i>Genes Chromosomes and Cancer</i> , 2010, 49, 193-203.	1.5	18



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127	Reconstruction of gene association network reveals a transmembrane protein required for adipogenesis and targeted by PPAR $\alpha$ . Cellular and Molecular Life Sciences, 2010, 67, 4049-4064.	2.4	38
128	Information technology solutions for integration of biomolecular and clinical data in the identification of new cancer biomarkers and targets for therapy. , 2010, 128, 488-498.		13
129	Hypochlorite modification of sphingomyelin generates chlorinated lipid species that induce apoptosis and proteome alterations in dopaminergic PC12 neurons in vitro. Free Radical Biology and Medicine, 2010, 48, 1588-1600.	1.3	47
130	Tetracycline Regulator Expression Alters the Transcriptional Program of Mammalian Cells. PLoS ONE, 2010, 5, e13013.	1.1	6
131	ClueGO: a Cytoscape plug-in to decipher functionally grouped gene ontology and pathway annotation networks. Bioinformatics, 2009, 25, 1091-1093.	1.8	5,348
132	Inducible expression ofEVI1in human myeloid cells causes phenotypes consistent with its role in myelodysplastic syndromes. Journal of Leukocyte Biology, 2009, 86, 813-822.	1.5	24
133	Novel Insights into Adipogenesis from Omics Data. Current Medicinal Chemistry, 2009, 16, 2952-2964.	1.2	35
134	Comparative transcriptomics of human multipotent stem cells during adipogenesis and osteoblastogenesis. BMC Genomics, 2008, 9, 340.	1.2	91
135	Differential transcriptional modulation of biological processes in adipocyte triglyceride lipase and hormone-sensitive lipase-deficient mice. Genomics, 2008, 92, 26-32.	1.3	36
136	Identification of New Targets Using Expression Profiles. , 2007, , .		0
137	Grape-seed derived procyanidins interfere with adipogenesis of 3T3-L1 cells at the onset of differentiation. International Journal of Obesity, 2005, 29, 934-941.	1.6	72
138	MARS: microarray analysis, retrieval, and storage system. BMC Bioinformatics, 2005, 6, 101.	1.2	51
139	PathwayExplorer: web service for visualizing high-throughput expression data on biological pathways. Nucleic Acids Research, 2005, 33, W633-W637.	6.5	116
140	Molecular processes during fat cell development revealed by gene expression profiling and functional annotation. Genome Biology, 2005, 6, R108.	13.9	61
141	Analysis of DNA Microarray Data. Current Topics in Medicinal Chemistry, 2004, 4, 1355-1368.	1.0	23
142	ArrayNorm: comprehensive normalization and analysis of microarray data. Bioinformatics, 2004, 20, 1971-1973.	1.8	34
143	GOLD.db: genomics of lipid-associated disorders database. BMC Genomics, 2004, 5, 93.	1.2	10
144	Java editor for biological pathways. Bioinformatics, 2003, 19, 786-787.	1.8	12

#	ARTICLE	IF	CITATIONS
145	N-Acetylaspartate Improves Cell Survival When Glucose is Limiting. SSRN Electronic Journal, 0, , .	0.4	0