

# Julian J Lum

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5088283/publications.pdf>

Version: 2024-02-01

52  
papers

14,372  
citations

201674

27  
h-index

182427

51  
g-index

56  
all docs

56  
docs citations

56  
times ranked

27631  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	The Biology of Cancer: Metabolic Reprogramming Fuels Cell Growth and Proliferation. <i>Cell Metabolism</i> , 2008, 7, 11-20.	16.2	3,421
3	Growth Factor Regulation of Autophagy and Cell Survival in the Absence of Apoptosis. <i>Cell</i> , 2005, 120, 237-248.	28.9	1,364
4	Autophagy inhibition enhances therapy-induced apoptosis in a Myc-induced model of lymphoma. <i>Journal of Clinical Investigation</i> , 2007, 117, 326-336.	8.2	983
5	Systemic Treatment with the Antidiabetic Drug Metformin Selectively Impairs p53-Deficient Tumor Cell Growth. <i>Cancer Research</i> , 2007, 67, 6745-6752.	0.9	835
6	Autophagy in metazoans: cell survival in the land of plenty. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 439-448.	37.0	712
7	The transcription factor HIF-1 $\alpha$ plays a critical role in the growth factor-dependent regulation of both aerobic and anaerobic glycolysis. <i>Genes and Development</i> , 2007, 21, 1037-1049.	5.9	340
8	Measurements of Tumor Cell Autophagy Predict Invasiveness, Resistance to Chemotherapy, and Survival in Melanoma. <i>Clinical Cancer Research</i> , 2011, 17, 3478-3489.	7.0	213
9	Phosphatidylinositol 3-Kinase-dependent Modulation of Carnitine Palmitoyltransferase 1A Expression Regulates Lipid Metabolism during Hematopoietic Cell Growth*. <i>Journal of Biological Chemistry</i> , 2006, 281, 37372-37380.	3.4	191
10	Ars2 Links the Nuclear Cap-Binding Complex to RNA Interference and Cell Proliferation. <i>Cell</i> , 2009, 138, 328-339.	28.9	177
11	Cytokine stimulation of aerobic glycolysis in hematopoietic cells exceeds proliferative demand. <i>FASEB Journal</i> , 2004, 18, 1303-1305.	0.5	157
12	Autophagy Regulation of Metabolism Is Required for CD8+ T Cell Anti-tumor Immunity. <i>Cell Reports</i> , 2019, 27, 502-513.e5.	6.4	134
13	Induction of Cell Death in Human Immunodeficiency Virus-Infected Macrophages and Resting Memory CD4 T Cells by TRAIL/Apo2L. <i>Journal of Virology</i> , 2001, 75, 11128-11136.	3.4	106
14	Autophagy inhibition in cancer therapy: metabolic considerations for antitumor immunity. <i>Immunological Reviews</i> , 2012, 249, 176-194.	6.0	87
15	Elimination of Senescent Neutrophils by TNF-Related Apoptosis-Inducing Ligand. <i>Journal of Immunology</i> , 2005, 175, 1232-1238.	0.8	68
16	Survival of Effector CD8+ T Cells during Influenza Infection Is Dependent on Autophagy. <i>Journal of Immunology</i> , 2015, 194, 4277-4286.	0.8	59
17	Raman spectroscopy identifies radiation response in human non-small cell lung cancer xenografts. <i>Scientific Reports</i> , 2016, 6, 21006.	3.3	57
18	Differential Effects of Interleukin-7 and Interleukin-15 on NK Cell Anti-Human Immunodeficiency Virus Activity. <i>Journal of Virology</i> , 2004, 78, 6033-6042.	3.4	54

#	ARTICLE	IF	CITATIONS
19	Autophagy Inhibition Enhances Sunitinib Efficacy in Clear Cell Ovarian Carcinoma. <i>Molecular Cancer Research</i> , 2017, 15, 250-258.	3.4	52
20	The autophagy protein <scp>LC3A</scp> correlates with hypoxia and is a prognostic marker of patient survival in clear cell ovarian cancer. <i>Journal of Pathology</i> , 2012, 228, 437-447.	4.5	49
21	Quantification of a Proteotypic Peptide from Protein C Inhibitor by Liquid Chromatographyâ€Free SISCAPA-MALDI Mass Spectrometry: Application to Identification of Recurrence of Prostate Cancer. <i>Clinical Chemistry</i> , 2013, 59, 1514-1522.	3.2	48
22	A Raman Spectroscopic Study of Cell Response to Clinical Doses of Ionizing Radiation. <i>Applied Spectroscopy</i> , 2015, 69, 193-204.	2.2	46
23	1-Methylnicotinamide is an immune regulatory metabolite in human ovarian cancer. <i>Science Advances</i> , 2021, 7, .	10.3	46
24	Immune Modulation by Androgen Deprivation and Radiation Therapy: Implications for Prostate Cancer Immunotherapy. <i>Cancers</i> , 2017, 9, 13.	3.7	40
25	When Cells Suffocate: Autophagy in Cancer and Immune Cells under Low Oxygen. <i>International Journal of Cell Biology</i> , 2011, 2011, 1-13.	2.5	30
26	STAT3 Regulation of Citrate Synthase Is Essential during the Initiation of Lymphocyte Cell Growth. <i>Cell Reports</i> , 2017, 19, 910-918.	6.4	30
27	<i>Ex Vivo</i> Detection of Circulating Tumor Cells from Whole Blood by Direct Nanoparticle Visualization. <i>ACS Nano</i> , 2018, 12, 1902-1909.	14.6	30
28	Radiation-Induced Glycogen Accumulation Detected by Single Cell Raman Spectroscopy Is Associated with Radioresistance that Can Be Reversed by Metformin. <i>PLoS ONE</i> , 2015, 10, e0135356.	2.5	28
29	Acquired T-cell sensitivity to TRAIL mediated killing during HIV infection is regulated by CXCR4-gp120 interactions. <i>Aids</i> , 2005, 19, 1125-1133.	2.2	26
30	Resistance to Apoptosis: Mechanism for the Development of HIV Reservoirs. <i>Current HIV Research</i> , 2003, 1, 261-274.	0.5	24
31	Markers of T Cell Infiltration and Function Associate with Favorable Outcome in Vascularized High-Grade Serous Ovarian Carcinoma. <i>PLoS ONE</i> , 2013, 8, e82406.	2.5	22
32	Raman Spectroscopic Signatures Reveal Distinct Biochemical and Temporal Changes in Irradiated Human Breast Adenocarcinoma Xenografts. <i>Radiation Research</i> , 2018, 189, 497.	1.5	19
33	Breast cancer subtype specific biochemical responses to radiation. <i>Analyst, The</i> , 2018, 143, 3850-3858.	3.5	18
34	Precision autophagy: Will the next wave of selective autophagy markers and specific autophagy inhibitors feed clinical pipelines?. <i>Autophagy</i> , 2015, 11, 1949-1952.	9.1	17
35	Raman spectroscopy and group and basis-restricted non negative matrix factorisation identifies radiation induced metabolic changes in human cancer cells. <i>Scientific Reports</i> , 2021, 11, 3853.	3.3	16
36	Implications of Therapy-Induced Selective Autophagy on Tumor Metabolism and Survival. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-11.	2.5	15

#	ARTICLE	IF	CITATIONS
37	Mutational Analysis of Gene Fusions Predicts Novel MHC Class Iâ€‘Restricted T-Cell Epitopes and Immune Signatures in a Subset of Prostate Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 7596-7607.	7.0	14
38	Monitor Ionizing Radiation-Induced Cellular Responses with Raman Spectroscopy, Non-Negative Matrix Factorization, and Non-Negative Least Squares. <i>Applied Spectroscopy</i> , 2020, 74, 701-711.	2.2	14
39	Clinically relevant Tâ€‘cell expansion media activate distinct metabolic programs uncoupled from cellular function. <i>Molecular Therapy - Methods and Clinical Development</i> , 2022, 24, 380-393.	4.1	12
40	Antiretroviral therapy influences cellular susceptibility to apoptosis in vivo. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 338.	3.0	11
41	Radiation generates an abscopal response and complete resolution of metastatic squamous cell carcinoma of the anal canal: a case report. <i>Journal of Gastrointestinal Oncology</i> , 2017, 8, E84-E89.	1.4	11
42	Understanding lymphocyte metabolism for use in cancer immunotherapy. <i>FEBS Journal</i> , 2018, 285, 2567-2578.	4.7	11
43	Haralick texture feature analysis for quantifying radiation response heterogeneity in murine models observed using Raman spectroscopic mapping. <i>PLoS ONE</i> , 2019, 14, e0212225.	2.5	11
44	Tumor-associated autoantibodies correlate with poor outcome in prostate cancer patients treated with androgen deprivation and external beam radiation therapy. <i>Oncolmmunology</i> , 2014, 3, e29243.	4.6	10
45	Raman spectroscopy detects metabolic signatures of radiation response and hypoxic fluctuations in non-small cell lung cancer. <i>BMC Cancer</i> , 2019, 19, 474.	2.6	9
46	Group and Basis Restricted Non-Negative Matrix Factorization and Random Forest for Molecular Histotype Classification and Raman Biomarker Monitoring in Breast Cancer. <i>Applied Spectroscopy</i> , 2022, 76, 462-474.	2.2	9
47	Opening a new DOR to autophagy. <i>EMBO Reports</i> , 2010, 11, 4-5.	4.5	3
48	Strategies to Block Autophagy in Tumor Cells. , 2014, , 121-130.		3
49	Tumor vascularity in ovarian cancer. <i>Oncolmmunology</i> , 2014, 3, e28272.	4.6	2
50	Bioengineered tissue models for the development of dynamic immuno-associated tumor models and high-throughput immunotherapy cytotoxicity assays. <i>Drug Discovery Today</i> , 2021, 26, 455-473.	6.4	2
51	Intermittent Fasting in Cancer: a Role in Survivorship?. <i>Current Nutrition Reports</i> , 0, , .	4.3	0
52	Ubiquitinating the way to T cell metabolism. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	0