

# Nikolai Engedal

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

8,111  
citations

236925

25  
h-index

182427

51  
g-index

57  
all docs

57  
docs citations

57  
times ranked

18910  
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	Chloroquine inhibits autophagic flux by decreasing autophagosome-lysosome fusion. <i>Autophagy</i> , 2018, 14, 1435-1455.	9.1	1,341
3	CREB Binding Protein Is a Coactivator for the Androgen Receptor and Mediates Cross-talk with AP-1. <i>Journal of Biological Chemistry</i> , 1998, 273, 31853-31859.	3.4	199
4	Inhibition of the sarco/endoplasmic reticulum (ER) Ca <sup>2+</sup> -ATPase by thapsigargin analogs induces cell death via ER Ca <sup>2+</sup> depletion and the unfolded protein response. <i>Journal of Biological Chemistry</i> , 2017, 292, 19656-19673.	3.4	147
5	ESCRT-mediated phagophore sealing during mitophagy. <i>Autophagy</i> , 2020, 16, 826-841.	9.1	119
6	The kinase PERK and the transcription factor ATF4 play distinct and essential roles in autophagy resulting from tunicamycin-induced ER stress. <i>Journal of Biological Chemistry</i> , 2019, 294, 8197-8217.	3.4	113
7	Protein toxins from plants and bacteria: Probes for intracellular transport and tools in medicine. <i>FEBS Letters</i> , 2010, 584, 2626-2634.	2.8	108
8	Targeting autophagy potentiates the apoptotic effect of histone deacetylase inhibitors in t(8;21) AML cells. <i>Blood</i> , 2013, 122, 2467-2476.	1.4	101
9	Shiga toxin and its use in targeted cancer therapy and imaging. <i>Microbial Biotechnology</i> , 2011, 4, 32-46.	4.2	95
10	Retinoic Acid Stimulates the Cell Cycle Machinery in Normal T Cells: Involvement of Retinoic Acid Receptor-Mediated IL-2 Secretion. <i>Journal of Immunology</i> , 2002, 169, 5555-5563.	0.8	91
11	Modulation of intracellular calcium homeostasis blocks autophagosome formation. <i>Autophagy</i> , 2013, 9, 1475-1490.	9.1	83
12	UAP1 is overexpressed in prostate cancer and is protective against inhibitors of N-linked glycosylation. <i>Oncogene</i> , 2015, 34, 3744-3750.	5.9	80
13	From Oxidative Stress Damage to Pathways, Networks, and Autophagy via MicroRNAs. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-16.	4.0	68
14	Autophagic bulk sequestration of cytosolic cargo is independent of LC3, but requires GABARAPs. <i>Experimental Cell Research</i> , 2015, 333, 21-38.	2.6	61
15	Cell death induced by the ER stressor thapsigargin involves death receptor 5, a non-autophagic function of MAP1LC3B, and distinct contributions from unfolded protein response components. <i>Cell Communication and Signaling</i> , 2020, 18, 12.	6.5	60
16	Single-cell ATAC and RNA sequencing reveal pre-existing and persistent cells associated with prostate cancer relapse. <i>Nature Communications</i> , 2021, 12, 5307.	12.8	58
17	C-Jun N-terminal kinase is required for phorbol ester- and thapsigargin-induced apoptosis in the androgen responsive prostate cancer cell line LNCaP. <i>Oncogene</i> , 2002, 21, 1017-1027.	5.9	55
18	The Role of Free Radicals in Autophagy Regulation: Implications for Ageing. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-19.	4.0	49

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19	All- <i>trans</i> Retinoic Acid Stimulates IL-2-Mediated Proliferation of Human T Lymphocytes: Early Induction of Cyclin D3. <i>Journal of Immunology</i> , 2006, 177, 2851-2861.	0.8	48
20	A Novel Role of <i>Listeria monocytogenes</i> Membrane Vesicles in Inhibition of Autophagy and Cell Death. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 154.	3.9	45
21	Combined Action of ERK and NF $\kappa$ B Mediates the Protective Effect of Phorbol Ester on Fas-induced Apoptosis in Jurkat Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 10934-10941.	3.4	40
22	Survival of activated human T lymphocytes is promoted by retinoic acid via induction of IL-2. <i>International Immunology</i> , 2004, 16, 443-453.	4.0	35
23	Autophagy of cytoplasmic bulk cargo does not require LC3. <i>Autophagy</i> , 2016, 12, 439-441.	9.1	33
24	Estimation of tumor cell total mRNA expression in 15 cancer types predicts disease progression. <i>Nature Biotechnology</i> , 2022, 40, 1624-1633.	17.5	31
25	Ceramide-induced cell death in the prostate cancer cell line LNCaP has both necrotic and apoptotic features. <i>Prostate</i> , 2001, 46, 289-297.	2.3	27
26	Rab7b modulates autophagic flux by interacting with Atg4B. <i>EMBO Reports</i> , 2017, 18, 1727-1739.	4.5	27
27	Macroautophagic cargo sequestration assays. <i>Methods</i> , 2015, 75, 25-36.	3.8	24
28	Small variations in nanoparticle structure dictate differential cellular stress responses and mode of cell death. <i>Nanotoxicology</i> , 2019, 13, 761-782.	3.0	23
29	The ER Stress Inducer l-Azetidine-2-Carboxylic Acid Elevates the Levels of Phospho-eIF2 $\gamma$ and of LC3-II in a Ca <sup>2+</sup> -Dependent Manner. <i>Cells</i> , 2018, 7, 239.	4.1	21
30	The <i>ERM</i> Proteins Ezrin and Moesin Regulate Retrograde Shiga Toxin Transport. <i>Traffic</i> , 2013, 14, 839-852.	2.7	18
31	Retinoic acid regulates Fas-induced apoptosis in Jurkat T cells: reversal of mitogen-mediated repression of Fas DISC assembly. <i>Journal of Leukocyte Biology</i> , 2009, 85, 469-480.	3.3	15
32	A Simple Cargo Sequestration Assay for Quantitative Measurement of Nonselective Autophagy in Cultured Cells. <i>Methods in Enzymology</i> , 2017, 587, 351-364.	1.0	15
33	Toll-like receptor 4 facilitates binding of Shiga toxin to colon carcinoma and primary umbilical vein endothelial cells. <i>FEMS Immunology and Medical Microbiology</i> , 2011, 61, 63-75.	2.7	14
34	Novel steps in the autophagic-lysosomal pathway. <i>FEBS Journal</i> , 2015, 282, 2202-2214.	4.7	14
35	AXL inhibition improves BRAF-targeted treatment in melanoma. <i>Scientific Reports</i> , 2022, 12, 5076.	3.3	14
36	Immune Regulator Vitamin A and T Cell Death. <i>Vitamins and Hormones</i> , 2011, 86, 153-178.	1.7	13

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37	Efficient DNA-mediated gene transfer into prostate cancer cell line LNCaP. , 2000, 43, 111-117.		12
38	Nonlinear relationship between ER Ca <sup>2+</sup> depletion versus induction of the unfolded protein response, autophagy inhibition, and cell death. Cell Calcium, 2018, 76, 48-61.	2.4	12
39	Assessing Autophagy in Archived Tissue or How to Capture Autophagic Flux from a Tissue Snapshot. Biology, 2020, 9, 59.	2.8	12
40	An Image-based Assay for High-throughput Analysis of Cell Proliferation and Cell Death of Adherent Cells. Bio-protocol, 2018, 8, e2835.	0.4	12
41	The Long-lived Protein Degradation Assay: an Efficient Method for Quantitative Determination of the Autophagic Flux of Endogenous Proteins in Adherent Cell Lines. Bio-protocol, 2018, 8, e2836.	0.4	12
42	The Lactate Dehydrogenase Sequestration Assay &#8212; A Simple and Reliable Method to Determine Bulk Autophagic Sequestration Activity in Mammalian Cells. Journal of Visualized Experiments, 2018, , .	0.3	11
43	The Intracellular Journey of Shiga Toxins~!2009-05-12~!2009-06-03~!2010-03-09~!. The Open Toxinology Journal, 2010, 3, 3-12.	0.9	11
44	ALK inhibition activates LC3B-independent, protective autophagy in EML4-ALK positive lung cancer cells. Scientific Reports, 2021, 11, 9011.	3.3	7
45	Endosomal Signaling and Oncogenesis. Methods in Enzymology, 2014, 535, 179-200.	1.0	6
46	Structural Variants of poly(alkylcyanoacrylate) Nanoparticles Differentially Affect LC3 and Autophagic Cargo Degradation. Journal of Biomedical Nanotechnology, 2020, 16, 432-445.	1.1	5
47	Measuring Autophagic Cargo Flux with Keima-Based Probes. Methods in Molecular Biology, 2022, 2445, 99-115.	0.9	5
48	From Plant to Patient: Thapsigargin, a Tool for Understanding Natural Product Chemistry, Total Syntheses, Biosynthesis, Taxonomy, ATPases, Cell Death, and Drug Development. Progress in the Chemistry of Organic Natural Products, 2021, 115, 59-114.	1.1	4
49	Perturbation of Cellular Redox Homeostasis Dictates Divergent Effects of Polybutyl Cyanoacrylate (PBCA) Nanoparticles on Autophagy. Cells, 2021, 10, 3432.	4.1	4
50	Measurement of Bulk Autophagy by a Cargo Sequestration Assay. Methods in Molecular Biology, 2019, 1880, 307-313.	0.9	2
51	Transautophagy: Research and Translation of Autophagy Knowledge 2020. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-3.	4.0	2
52	Transautophagy: Research and Translation of Autophagy Knowledge. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-3.	4.0	1
53	Abstract 2324: The role of SERCA pump in cell death and autophagy. , 2017, , .		0
54	Abstract 401: Single-cell transcriptome and chromatin sequencing uncover gene expression and gene regulatory patterns associated with enzalutamide resistance. Cancer Research, 2022, 82, 401-401.	0.9	0