

Aimee L Edinger

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

10,538
citations

257450

24
h-index

254184

43
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43
all docs

43
docs citations

43
times ranked

23291
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	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Akt Maintains Cell Size and Survival by Increasing mTOR-dependent Nutrient Uptake. <i>Molecular Biology of the Cell</i> , 2002, 13, 2276-2288.	2.1	538
4	Age-related myelin degradation burdens the clearance function of microglia during aging. <i>Nature Neuroscience</i> , 2016, 19, 995-998.	14.8	399
5	Ceramide starves cells to death by downregulating nutrient transporter proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17402-17407.	7.1	165
6	Nutrient scavenging in cancer. <i>Nature Reviews Cancer</i> , 2018, 18, 619-633.	28.4	164
7	PTEN Deficiency and AMPK Activation Promote Nutrient Scavenging and Anabolism in Prostate Cancer Cells. <i>Cancer Discovery</i> , 2018, 8, 866-883.	9.4	141
8	Rab7 Prevents Growth Factor-Independent Survival by Inhibiting Cell-Autonomous Nutrient Transporter Expression. <i>Developmental Cell</i> , 2003, 5, 571-582.	7.0	116
9	Differential Effects of TBC1D15 and Mammalian Vps39 on Rab7 Activation State, Lysosomal Morphology, and Growth Factor Dependence. <i>Journal of Biological Chemistry</i> , 2010, 285, 16814-16821.	3.4	102
10	Nutrient transporters: the Achillesâ€™ heel of anabolism. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 200-208.	7.1	100
11	Macropinocytosis confers resistance to therapies targeting cancer anabolism. <i>Nature Communications</i> , 2020, 11, 1121.	12.8	97
12	The complex interplay between autophagy, apoptosis, and necrotic signals promotes Tâ€™cell homeostasis. <i>Immunological Reviews</i> , 2010, 236, 95-109.	6.0	94
13	An activated mTOR mutant supports growth factor-independent, nutrient-dependent cell survival. <i>Oncogene</i> , 2004, 23, 5654-5663.	5.9	75
14	Controlling cell growth and survival through regulated nutrient transporter expression. <i>Biochemical Journal</i> , 2007, 406, 1-12.	3.7	66
15	Attacking the supply wagons to starve cancer cells to death. <i>FEBS Letters</i> , 2016, 590, 885-907.	2.8	66
16	Antigen-presenting cells control T cell proliferation by regulating amino acid availability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1107-1109.	7.1	65
17	Vps34 regulates Rab7 and late endocytic trafficking through recruitment of the GTPase activating protein Armus. <i>Journal of Cell Science</i> , 2016, 129, 4424-4435.	2.0	59
18	Targeting cancer metabolism by simultaneously disrupting parallel nutrient access pathways. <i>Journal of Clinical Investigation</i> , 2016, 126, 4088-4102.	8.2	56

#	ARTICLE	IF	CITATIONS
19	Rab7 Activation by Growth Factor Withdrawal Contributes to the Induction of Apoptosis. <i>Molecular Biology of the Cell</i> , 2009, 20, 2831-2840.	2.1	52
20	Sphingolipid-based drugs selectively kill cancer cells by down-regulating nutrient transporter proteins. <i>Biochemical Journal</i> , 2011, 439, 299-311.	3.7	43
21	Reciprocal effects of <i>rab7</i> deletion in activated and neglected T cells. <i>Autophagy</i> , 2013, 9, 1009-1023.	9.1	31
22	A new take on ceramide: Starving cells by cutting off the nutrient supply. <i>Cell Cycle</i> , 2009, 8, 1122-1126.	2.6	30
23	Azacyclic FTY720 Analogues That Limit Nutrient Transporter Expression but Lack S1P Receptor Activity and Negative Chronotropic Effects Offer a Novel and Effective Strategy to Kill Cancer Cells <i>in Vivo</i> . <i>ACS Chemical Biology</i> , 2016, 11, 409-414.	3.4	26
24	Starvation in the midst of plenty: making sense of ceramide-induced autophagy by analysing nutrient transporter expression. <i>Biochemical Society Transactions</i> , 2009, 37, 253-258.	3.4	25
25	Ceramide-induced starvation triggers homeostatic autophagy. <i>Autophagy</i> , 2009, 5, 407-409.	9.1	22
26	Design, Synthesis, and Antileukemic Activity of Stereochemically Defined Constrained Analogues of FTY720 (Gilenya). <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 969-973.	2.8	21
27	Targeting cancer metabolism at the plasma membrane by limiting amino acid access through SLC6A14. <i>Biochemical Journal</i> , 2015, 470, e17-e19.	3.7	17
28	Drug-like sphingolipid SH-109 opposes ceramide-induced mitochondrial fission and corrects diet-induced obesity. <i>EMBO Molecular Medicine</i> , 2021, 13, e13086.	6.9	17
29	Nitric Oxide Synthase as a Target for Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Chemistry and Biology</i> , 2015, 22, 785-792.	6.0	15
30	Sphingolipids inhibit endosomal recycling of nutrient transporters by inactivating ARF6. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	15
31	Oligodendroglial deletion of ESCRT component TSG101 causes spongiform encephalopathy. <i>Biology of the Cell</i> , 2016, 108, 324-337.	2.0	14
32	B Cell Rab7 Mediates Induction of Activation-Induced Cytidine Deaminase Expression and Class-Switching in T-Dependent and T-Independent Antibody Responses. <i>Journal of Immunology</i> , 2015, 194, 3065-3078.	0.8	13
33	Dynamic Phosphoproteomics Uncovers Signaling Pathways Modulated by Anti-oncogenic Sphingolipid Analogs. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 408-422.	3.8	12
34	Effects of stereochemistry, saturation, and hydrocarbon chain length on the ability of synthetic constrained azacyclic sphingolipids to trigger nutrient transporter down-regulation, vacuolation, and cell death. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 4390-4397.	3.0	11
35	Rab7 is a novel redox target that modulates inflammatory pain processing. <i>Pain</i> , 2017, 158, 1354-1365.	4.2	8
36	In search of constrained FTY720 and phytosphingosine analogs as dual acting anticancer agents targeting metabolic and epigenetic pathways. <i>European Journal of Medicinal Chemistry</i> , 2018, 159, 217-242.	5.5	8

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37	Branched chain amino acid metabolism and cancer: the importance of keeping things in context. <i>Translational Cancer Research</i> , 2017, 6, S578-S584.	1.0	7
38	Design, synthesis and anticancer activity of constrained sphingolipid-phenoxazine/phenothiazine hybrid constructs targeting protein phosphatase 2A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2681-2685.	2.2	6
39	Synthetic Sphingolipids with 1,2-Pyridazine Appendages Improve Antiproliferative Activity in Human Cancer Cell Lines. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 686-690.	2.8	6
40	Biocompatible Chemotherapy for Leukemia by Acid-Cleavable, PEGylated FTY720. <i>Bioconjugate Chemistry</i> , 2020, 31, 673-684.	3.6	5
41	Starving PTEN-deficient prostate cancer cells thrive under nutrient stress by scavenging corpses for their supper. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1472060.	0.7	4
42	Leveraging insights into cancer metabolism—a symposium report. <i>Annals of the New York Academy of Sciences</i> , 2020, 1462, 5-13.	3.8	3
43	Unequal in the absence of death: A novel screen identifies cytotoxic compounds selective for cells with activated Akt. <i>Cancer Biology and Therapy</i> , 2010, 10, 1262-1265.	3.4	1