Aimee L Edinger

List of Publications by Year
in descending order

43 papers	10,538 citations	257450 24 h-index	254184 43 g-index
43 all docs	43 docs citations	43 times ranked	23291 citing authors

#	Article	IF	Citations
1	Drugâ€like sphingolipid SHâ€BCâ€893 opposes ceramideâ€induced mitochondrial fission and corrects dietâ€induced obesity. EMBO Molecular Medicine, 2021, 13, e13086.	6.9	17
2	Leveraging insights into cancer metabolismâ€”a symposium report. Annals of the New York Academy of Sciences, 2020, 1462, 5-13.	3.8	3
3	Macropinocytosis confers resistance to therapies targeting cancer anabolism. Nature Communications, 2020, 11, 1121.	12.8	97
4	Synthetic Sphingolipids with 1,2-Pyridazine Appendages Improve Antiproliferative Activity in Human Cancer Cell Lines. ACS Medicinal Chemistry Letters, 2020, 11, 686-690.	2.8	6
5	Biocompatible Chemotherapy for Leukemia by Acid-Cleavable, PEGylated FTY720. Bioconjugate Chemistry, 2020, 31, 673-684.	3.6	5
6	Design, synthesis and anticancer activity of constrained sphingolipid-phenoxazine/phenothiazine hybrid constructs targeting protein phosphatase 2A. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2681-2685.	2.2	6
7	Dynamic Phosphoproteomics Uncovers Signaling Pathways Modulated by Anti-oncogenic Sphingolipid Analogs. Molecular and Cellular Proteomics, 2019, 18, 408-422.	3.8	12
8	PTEN Deficiency and AMPK Activation Promote Nutrient Scavenging and Anabolism in Prostate Cancer Cells. Cancer Discovery, 2018, 8, 866-883.	9.4	141
9	In search of constrained FTY720 and phytosphingosine analogs as dual acting anticancer agents targeting metabolic and epigenetic pathways. European Journal of Medicinal Chemistry, 2018, 159, 217-242.	5.5	8
10	Starving PTEN-deficient prostate cancer cells thrive under nutrient stress by scavenging corpses for their supper. Molecular and Cellular Oncology, 2018, 5, e1472060.	0.7	4
11	Sphingolipids inhibit endosomal recycling of nutrient transporters by inactivating ARF6. Journal of Cell Science, 2018, 131, .	2.0	15
12	Nutrient scavenging in cancer. Nature Reviews Cancer, 2018, 18, 619-633.	28.4	164
13	Rab7â€”a novel redox target that modulates inflammatory pain processing. Pain, 2017, 158, 1354-1365.	4.2	8
14	Branched chain amino acid metabolism and cancer: the importance of keeping things in context. Translational Cancer Research, 2017, 6, S578-S584.	1.0	7
15	Attacking the supply wagons to starve cancer cells to death. FEBS Letters, 2016, 590, 885-907.	2.8	66
16	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. Bioorganic and Medicinal Chemistry, 2016, 24, 4390-4397.	3.0	11
17	Oligodendroglial deletion of ESCRTâ€component TSG101 causes spongiform encephalopathy. Biology of the Cell, 2016, 108, 324-337.	2.0	14
18	Vps34 regulates Rab7 and late endocytic trafficking through recruitment of the GTPase activating protein Armus. Journal of Cell Science, 2016, 129, 4424-4435.	2.0	59

#	Article	IF	Citations
19	Age-related myelin degradation burdens the clearance function of microglia during aging. Nature Neuroscience, 2016, 19, 995-998.	14.8	399
20	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
21	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 in Vivo. ACS Chemical Biology, 2016, 11, 409-414.	3.4	26
22	Targeting cancer metabolism by simultaneously disrupting parallel nutrient access pathways. Journal of Clinical Investigation, 2016, 126, 4088-4102.	8.2	56
23	Targeting cancer metabolism at the plasma membrane by limiting amino acid access through SLC6A14. Biochemical Journal, 2015, 470, e17-e19.	3.7	17
24	Nitric Oxide Synthase as a Target for Methicillin-Resistant Staphylococcus aureus. Chemistry and Biology, 2015, 22, 785-792.	6.0	15
25	B Cell Rab7 Mediates Induction of Activation-Induced Cytidine Deaminase Expression and Class-Switching in T-Dependent and T-Independent Antibody Responses. Journal of Immunology, 2015, 194, 3065-3078.	0.8	13
26	Design, Synthesis, and Antileukemic Activity of Stereochemically Defined Constrained Analogues of FTY720 (Gilenya). ACS Medicinal Chemistry Letters, 2013, 4, 969-973.	2.8	21
27	Nutrient transporters: the Achillesâ€™ heel of anabolism. Trends in Endocrinology and Metabolism, 2013, 24, 200-208.	7.1	100
28	Reciprocal effects ofrab7deletion in activated and neglected T cells. Autophagy, 2013, 9, 1009-1023.	9.1	31
29	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
30	Sphingolipid-based drugs selectively kill cancer cells by down-regulating nutrient transporter proteins. Biochemical Journal, 2011, 439, 299-311.	3.7	43
31	The complex interplay between autophagy, apoptosis, and necrotic signals promotes Tâ€cell homeostasis. Immunological Reviews, 2010, 236, 95-109.	6.0	94
32	Differential Effects of TBC1D15 and Mammalian Vps39 on Rab7 Activation State, Lysosomal Morphology, and Growth Factor Dependence. Journal of Biological Chemistry, 2010, 285, 16814-16821.	3.4	102
33	Unequal in the absence of death: A novel screen identifies cytotoxic compounds selective for cells with activated Akt. Cancer Biology and Therapy, 2010, 10, 1262-1265.	3.4	1
34	Ceramide-induced starvation triggers homeostatic autophagy. Autophagy, 2009, 5, 407-409.	9.1	22
35	A new take on ceramide: Starving cells by cutting off the nutrient supply. Cell Cycle, 2009, 8, 1122-1126.	2.6	30
36	Rab7 Activation by Growth Factor Withdrawal Contributes to the Induction of Apoptosis. Molecular Biology of the Cell, 2009, 20, 2831-2840.	2.1	52

#	Article	IF	Citations
37	Starvation in the midst of plenty: making sense of ceramide-induced autophagy by analysing nutrient transporter expression. Biochemical Society Transactions, 2009, 37, 253-258.	3.4	25
38	Ceramide starves cells to death by downregulating nutrient transporter proteins. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17402-17407.	7.1	165
39	Controlling cell growth and survival through regulated nutrient transporter expression. Biochemical Journal, 2007, 406, 1-12.	3.7	66
40	An activated mTOR mutant supports growth factor-independent, nutrient-dependent cell survival. Oncogene, 2004, 23, 5654-5663.	5.9	75
41	Rab7 Prevents Growth Factor-Independent Survival by Inhibiting Cell-Autonomous Nutrient Transporter Expression. Developmental Cell, 2003, 5, 571-582.	7.0	116
42	Antigen-presenting cells control T cell proliferation by regulating amino acid availability. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1107-1109.	7.1	65
43	Akt Maintains Cell Size and Survival by Increasing mTOR-dependent Nutrient Uptake. Molecular Biology of the Cell, 2002, 13, 2276-2288.	2.1	538