William A Maltese

List of Publications by Year
in descending order

33 papers	1,993 citations	279798 23 h-index	434195 31 g-index
33 all docs	33 docs citations	33 times ranked	2260 citing authors

#	Article	IF	Citations
1	Functional specificity of the mammalian Beclin-Vps34 PI 3-kinase complex in macroautophagy versus endocytosis and lysosomal enzyme trafficking. Journal of Cell Science, 2006, 119, 259-270.	2.0	305
2	Active Ras Triggers Death in Glioblastoma Cells through Hyperstimulation of Macropinocytosis. Molecular Cancer Research, 2008, 6, 965-977.	3.4	169
3	Methuosis. American Journal of Pathology, 2014, 184, 1630-1642.	3.8	167
4	Synthesis and Evaluation of Indole-Based Chalcones as Inducers of Methuosis, a Novel Type of Nonapoptotic Cell Death. Journal of Medicinal Chemistry, 2012, 55, 1940-1956.	6.4	143
5	A chalcone-related small molecule that induces methuosis, a novel form of non-apoptotic cell death, in glioblastoma cells. Molecular Cancer, 2011, 10, 69.	19.2	136
6	Isoprenylated proteins in cultured cells: Subcellular distribution and changes related to altered morphology and growth arrest induced by mevalonate deprivation. Journal of Cellular Physiology, 1987, 133, 471-481.	4.1	133
7	Gene silencing reveals a specific function of hVps34 phosphatidylinositol 3-kinase in late versus early endosomes. Journal of Cell Science, 2006, 119, 1219-1232.	2.0	99
8	Induction of Nonapoptotic Cell Death by Activated Ras Requires Inverse Regulation of Rac1 and Arf6. Molecular Cancer Research, 2010, 8, 1358-1374.	3.4	81
9	Association of Rab1B with GDP-dissociation Inhibitor (GDI) Is Required for Recycling but Not Initial Membrane Targeting of the Rab Protein. Journal of Biological Chemistry, 1996, 271, 10932-10940.	3.4	70
10	Non-apoptotic cell death associated with perturbations of macropinocytosis. Frontiers in Physiology, 2015, 6, 38.	2.8	61
11	The Ras-related GTP-binding Protein, Rab1B, Regulates Early Steps in Exocytic Transport and Processing of Î²-Amyloid Precursor Protein. Journal of Biological Chemistry, 1995, 270, 10982-10989.	3.4	60
12	Differential Effects of a Rab6 Mutant on Secretory Versus Amyloidogenic Processing of Alzheimer's Î²-Amyloid Precursor Protein. Journal of Biological Chemistry, 1996, 271, 1343-1348.	3.4	58
13	Death pathways triggered by activated Ras in cancer cells. Frontiers in Bioscience - Landmark, 2011, 16, 1693.	3.0	53
14	Rab24 Is an Atypical Member of the Rab GTPase Family. Journal of Biological Chemistry, 2000, 275, 3848-3856.	3.4	51
15	Retention of the Alzheimer's Amyloid Precursor Fragment C99 in the Endoplasmic Reticulum Prevents Formation of Amyloid Î²-Peptide. Journal of Biological Chemistry, 2001, 276, 20267-20279.	3.4	51
16	Enzymes of Fatty Acid ?-Oxidation in Developing Brain. Journal of Neurochemistry, 1988, 51, 339-344.	3.9	47
17	Differential Induction of Cytoplasmic Vacuolization and Methuosis by Novel 2-Indolyl-Substituted Pyridinylpropenones. ACS Medicinal Chemistry Letters, 2014, 5, 73-77.	2.8	37
18	Synthesis and Biological Evaluation of Indolyl-Pyridinyl-Propenones Having Either Methuosis or Microtubule Disruption Activity. Journal of Medicinal Chemistry, 2015, 58, 2489-2512.	6.4	36

#	Article	IF	Citations
19	Activated Ras induces cytoplasmic vacuolation and non-apoptotic death in glioblastoma cells via novel effector pathways. Cellular Signalling, 2007, 19, 1034-1043.	3.6	34
20	The JNK signaling pathway plays a key role in methuosis (non-apoptotic cell death) induced by MOMIPP in glioblastoma. BMC Cancer, 2019, 19, 77.	2.6	32
21	Disruption of endolysosomal trafficking pathways in glioma cells by methuosis-inducing indole-based chalcones. Cell Biology and Toxicology, 2017, 33, 263-282.	5.3	28
22	Synthesis and biological evaluation of isomeric methoxy substitutions on anti-cancer indolyl-pyridinyl-propenones: Effects on potency and mode of activity. European Journal of Medicinal Chemistry, 2016, 122, 79-91.	5.5	27
23	Dysregulation of Macropinocytosis Processes in Glioblastomas May Be Exploited to Increase Intracellular Anti-Cancer Drug Levels: The Example of Temozolomide. Cancers, 2019, 11, 411.	3.7	24
24	Receptor-Mediated Attachment and Uptake of Hyaluronan Conjugates by Breast Cancer Cells. Molecular Pharmaceutics, 2017, 14, 3968-3977.	4.6	17
25	Vacuole-inducing compounds that disrupt endolysosomal trafficking stimulate production of exosomes by glioblastoma cells. Molecular and Cellular Biochemistry, 2018, 439, 1-9.	3.1	17
26	Mutant Rab24 GTPase is targeted to nuclear inclusions. BMC Cell Biology, 2002, 3, 25.	3.0	13
27	6-MOMIPP, a novel brain-penetrant anti-mitotic indolyl-chalcone, inhibits glioblastoma growth and viability. Cancer Chemotherapy and Pharmacology, 2019, 83, 237-254.	2.3	13
28	KRAS mutant allele-specific expression knockdown in pancreatic cancer model with systemically delivered bi-shRNA KRAS lipoplex. PLoS ONE, 2018, 13, e0193644.	2.5	10
29	Hyaluronan drug delivery systems are promising for cancer therapy because of their selective attachment, enhanced uptake, and superior efficacy. Biomedical Engineering Letters, 2015, 5, 109-123.	4.1	9
30	Cholesterol and phospholipids in cultured skin fibroblasts from patients with dystonia. Annals of Neurology, 1984, 16, 250-252.	5.3	8
31	Investigating the Potential to Deliver and Maintain Plasma and Brain Levels of a Novel Practically Insoluble Methuosis Inducing Anticancer Agent 5-Methoxy MOMIPP Through an Injectable InÂSitu Forming Thermoresponsive Hydrogel Formulation. Journal of Pharmaceutical Sciences, 2020, 109, 2719-2728.	3.3	4
32	Mechanisms of Hâ€Rasâ€induced autophagic cell death in human glioblastoma. FASEB Journal, 2006, 20, A981.	0.5	0
33	Endomembrane association of activated Hâ€Ras, but not Kâ€Ras, causes autophagic cell death in human glioblastoma. FASEB Journal, 2006, 20, A982.	0.5	0