

Wei-Xing Zong

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

22,518
citations

47006

47
h-index

62596

80
g-index

81
all docs

81
docs citations

81
times ranked

36429
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	Proapoptotic BAX and BAK: A Requisite Gateway to Mitochondrial Dysfunction and Death. <i>Science</i> , 2001, 292, 727-730.	12.6	3,602
3	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
4	The Combined Functions of Proapoptotic Bcl-2 Family Members Bak and Bax Are Essential for Normal Development of Multiple Tissues. <i>Molecular Cell</i> , 2000, 6, 1389-1399.	9.7	1,303
5	Mitochondria and Cancer. <i>Molecular Cell</i> , 2016, 61, 667-676.	9.7	800
6	Necrotic death as a cell fate. <i>Genes and Development</i> , 2006, 20, 1-15.	5.9	739
7	Consensus guidelines for the detection of immunogenic cell death. <i>Oncolmmunology</i> , 2014, 3, e955691.	4.6	686
8	Alkylating DNA damage stimulates a regulated form of necrotic cell death. <i>Genes and Development</i> , 2004, 18, 1272-1282.	5.9	552
9	Bax and Bak can localize to the endoplasmic reticulum to initiate apoptosis. <i>Journal of Cell Biology</i> , 2003, 162, 59-69.	5.2	537
10	Autophagy mediates degradation of nuclear lamina. <i>Nature</i> , 2015, 527, 105-109.	27.8	510
11	The Bax Subfamily of Bcl2-Related Proteins Is Essential for Apoptotic Signal Transduction by c-Jun NH ₂ -Terminal Kinase. <i>Molecular and Cellular Biology</i> , 2002, 22, 4929-4942.	2.3	453
12	Chemotherapeutic Approaches for Targeting Cell Death Pathways. <i>Oncologist</i> , 2006, 11, 342-357.	3.7	419
13	Class III PI3K Vps34 plays an essential role in autophagy and in heart and liver function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2003-2008.	7.1	327
14	Deficiency in Bak and Bax perturbs thymic selection and lymphoid homeostasis. <i>Nature Immunology</i> , 2002, 3, 932-939.	14.5	271
15	Mechanisms of constitutive NF- κ B activation in human prostate cancer cells. <i>Prostate</i> , 2002, 52, 183-200.	2.3	221
16	Legionella pneumophila inhibits macrophage apoptosis by targeting pro-death members of the Bcl2 protein family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5121-5126.	7.1	198
17	Oncogenic Myc Induces Expression of Glutamine Synthetase through Promoter Demethylation. <i>Cell Metabolism</i> , 2015, 22, 1068-1077.	16.2	189
18	Rel/NF- κ B can trigger the Notch signaling pathway by inducing the expression of Jagged1, a ligand for Notch receptors. <i>EMBO Journal</i> , 1999, 18, 2803-2811.	7.8	180

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19	Ars2 Links the Nuclear Cap-Binding Complex to RNA Interference and Cell Proliferation. <i>Cell</i> , 2009, 138, 328-339.	28.9	177
20	Activation of Poly(ADP)-ribose Polymerase (PARP-1) Induces Release of the Pro-inflammatory Mediator HMGB1 from the Nucleus. <i>Journal of Biological Chemistry</i> , 2007, 282, 17845-17854.	3.4	174
21	The proteasome inhibitor PS-341 overcomes TRAIL resistance in Bax and caspase 9-negative or Bcl-xL overexpressing cells. <i>Oncogene</i> , 2003, 22, 4953-4963.	5.9	172
22	TRIM21 Ubiquitylates SQSTM1/p62 and Suppresses Protein Sequestration to Regulate Redox Homeostasis. <i>Molecular Cell</i> , 2016, 61, 720-733.	9.7	162
23	Bcl-2 Family Members and Functional Electron Transport Chain Regulate Oxygen Deprivation-Induced Cell Death. <i>Molecular and Cellular Biology</i> , 2002, 22, 94-104.	2.3	159
24	Impaired Autophagy, Defective T Cell Homeostasis, and a Wasting Syndrome in Mice with a T Cell-Specific Deletion of Vps34. <i>Journal of Immunology</i> , 2013, 190, 5086-5101.	0.8	128
25	NRBF2 regulates autophagy and prevents liver injury by modulating Atg14L-linked phosphatidylinositol-3 kinase III activity. <i>Nature Communications</i> , 2014, 5, 3920.	12.8	117
26	Class IA PI3K p110 β Subunit Promotes Autophagy through Rab5 Small GTPase in Response to Growth Factor Limitation. <i>Molecular Cell</i> , 2013, 50, 29-42.	9.7	112
27	Glutamine Anabolism Plays a Critical Role in Pancreatic Cancer by Coupling Carbon and Nitrogen Metabolism. <i>Cell Reports</i> , 2019, 29, 1287-1298.e6.	6.4	105
28	Akt and c-Myc Differentially Activate Cellular Metabolic Programs and Prime Cells to Bioenergetic Inhibition. <i>Journal of Biological Chemistry</i> , 2010, 285, 7324-7333.	3.4	104
29	Beclin 1 Is Required for Neuron Viability and Regulates Endosome Pathways via the UVRAG-VPS34 Complex. <i>PLoS Genetics</i> , 2014, 10, e1004626.	3.5	101
30	The Proapoptotic Activities of Bax and Bak Limit the Size of the Neural Stem Cell Pool. <i>Journal of Neuroscience</i> , 2003, 23, 11112-11119.	3.6	99
31	Efficacy of anti-CD147 chimeric antigen receptors targeting hepatocellular carcinoma. <i>Nature Communications</i> , 2020, 11, 4810.	12.8	95
32	Defining the Role of the Bcl-2 Family of Proteins in the Nervous System. <i>Neuroscientist</i> , 2005, 11, 10-15.	3.5	94
33	PTEN Functions by Recruitment to Cytoplasmic Vesicles. <i>Molecular Cell</i> , 2015, 58, 255-268.	9.7	89
34	The Pleiotropic Effects of Glutamine Metabolism in Cancer. <i>Cancers</i> , 2019, 11, 770.	3.7	89
35	Inhibition of Protein Degradation Induces Apoptosis through a Microtubule-Associated Protein 1 Light Chain 3-Mediated Activation of Caspase-8 at Intracellular Membranes. <i>Molecular and Cellular Biology</i> , 2011, 31, 3158-3170.	2.3	85
36	HMGB1 promotes ductular reaction and tumorigenesis in autophagy-deficient livers. <i>Journal of Clinical Investigation</i> , 2018, 128, 2419-2435.	8.2	85

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37	The class IA phosphatidylinositol 3-kinase p110- \hat{I}^2 subunit is a positive regulator of autophagy. <i>Journal of Cell Biology</i> , 2010, 191, 827-843.	5.2	82
38	DNA Alkylating Therapy Induces Tumor Regression through an HMGB1-Mediated Activation of Innate Immunity. <i>Journal of Immunology</i> , 2011, 186, 3517-3526.	0.8	79
39	SERPINB3 and B4: From biochemistry to biology. <i>Seminars in Cell and Developmental Biology</i> , 2017, 62, 170-177.	5.0	74
40	Oncogenic Ras induces inflammatory cytokine production by upregulating the squamous cell carcinoma antigens SerpinB3/B4. <i>Nature Communications</i> , 2014, 5, 3729.	12.8	72
41	The HIV-1 Vpr and glucocorticoid receptor complex is a gain-of-function interaction that prevents the nuclear localization of PARP-1. <i>Nature Cell Biology</i> , 2006, 8, 170-179.	10.3	71
42	Loss of TRIM21 alleviates cardiotoxicity by suppressing ferroptosis induced by the chemotherapeutic agent doxorubicin. <i>EBioMedicine</i> , 2021, 69, 103456.	6.1	71
43	Class III PI3K Vps34: essential roles in autophagy, endocytosis, and heart and liver function. <i>Annals of the New York Academy of Sciences</i> , 2013, 1280, 48-51.	3.8	62
44	SCCA1/SERPINB3 Promotes Oncogenesis and Epithelialâ€Mesenchymal Transition via the Unfolded Protein Response and IL6 Signaling. <i>Cancer Research</i> , 2014, 74, 6318-6329.	0.9	62
45	NF- κ B: Key mediator of inflammation-associated cancer. <i>Cancer Biology and Therapy</i> , 2004, 3, 1214-1216.	3.4	61
46	Fibronectin Growth Factor-Binding Domains Are Required for Fibroblast Survival. <i>Journal of Investigative Dermatology</i> , 2011, 131, 84-98.	0.7	61
47	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
48	Diagnosis and prognosis of breast cancer by high-performance serum metabolic fingerprints. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2122245119.	7.1	53
49	Elevated Expression of Squamous Cell Carcinoma Antigen (SCCA) Is Associated with Human Breast Carcinoma. <i>PLoS ONE</i> , 2011, 6, e19096.	2.5	49
50	c-Myc Sensitization to Oxygen Deprivation-induced Cell Death Is Dependent on Bax/Bak, but Is Independent of p53 and Hypoxia-inducible Factor-1. <i>Journal of Biological Chemistry</i> , 2004, 279, 4305-4312.	3.4	48
51	Chemotherapy Induces Tumor Clearance Independent of Apoptosis. <i>Cancer Research</i> , 2008, 68, 9595-9600.	0.9	48
52	Execution of Superoxide-Induced Cell Death by the Proapoptotic Bcl-2-Related Proteins Bid and Bak. <i>Molecular and Cellular Biology</i> , 2009, 29, 3099-3112.	2.3	46
53	The lysosomal TRPML1 channel regulates triple negative breast cancer development by promoting mTORC1 and purinergic signaling pathways. <i>Cell Calcium</i> , 2019, 79, 80-88.	2.4	46
54	Dual Roles of Mammalian Target of Rapamycin in Regulating Liver Injury and Tumorigenesis in Autophagyâ€Defective Mouse Liver. <i>Hepatology</i> , 2019, 70, 2142-2155.	7.3	44

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55	Squamous Cell Carcinoma Antigen 1 Promotes Caspase-8-Mediated Apoptosis in Response to Endoplasmic Reticulum Stress While Inhibiting Necrosis Induced by Lysosomal Injury. <i>Molecular and Cellular Biology</i> , 2011, 31, 2902-2919.	2.3	40
56	The VPS-34 PI3 kinase negatively regulates RAB-5 during endosome maturation. <i>Journal of Cell Science</i> , 2017, 130, 2007-2017.	2.0	40
57	Rel blocks both anti-Fas- and TNF α -induced apoptosis and an intact Rel transactivation domain is essential for this effect. <i>Cell Death and Differentiation</i> , 1998, 5, 963-972.	11.2	38
58	The Ubiquitin E3 Ligase TRIM21 Promotes Hepatocarcinogenesis by Suppressing the p62-Keap1-Nrf2 Antioxidant Pathway. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 1369-1385.	4.5	34
59	DLST-dependence dictates metabolic heterogeneity in TCA-cycle usage among triple-negative breast cancer. <i>Communications Biology</i> , 2021, 4, 1289.	4.4	30
60	RNA binding motif protein 10 suppresses lung cancer progression by controlling alternative splicing of eukaryotic translation initiation factor 4H. <i>EBioMedicine</i> , 2020, 61, 103067.	6.1	27
61	v-Rel prevents apoptosis in transformed lymphoid cells and blocks TNF α -induced cell death. <i>Oncogene</i> , 1997, 15, 971-980.	5.9	25
62	Recycling the danger via lipid droplet biogenesis after autophagy. <i>Autophagy</i> , 2017, 13, 1995-1997.	9.1	25
63	Hepatocytic p62 suppresses ductular reaction and tumorigenesis in mouse livers with mTORC1 activation and defective autophagy. <i>Journal of Hepatology</i> , 2022, 76, 639-651.	3.7	25
64	Mammalian PIK3C3/VPS34. <i>Autophagy</i> , 2012, 8, 707-708.	9.1	24
65	Hyperactivation of the Mammalian Degenerin MDEG Promotes Caspase-8 Activation and Apoptosis. <i>Journal of Biological Chemistry</i> , 2013, 288, 2952-2963.	3.4	24
66	In-Source CID Ramping and Covariant Ion Analysis of Hydrophilic Interaction Chromatography Metabolomics. <i>Analytical Chemistry</i> , 2020, 92, 4829-4837.	6.5	21
67	TolC-Dependent Modulation of Host Cell Death by the Francisella tularensis Live Vaccine Strain. <i>Infection and Immunity</i> , 2014, 82, 2068-2078.	2.2	20
68	Autophagy modulator scoring system: a user-friendly tool for quantitative analysis of methodological integrity of chemical autophagy modulator studies. <i>Autophagy</i> , 2020, 16, 195-202.	9.1	14
69	G protein-coupled kisspeptin receptor induces metabolic reprogramming and tumorigenesis in estrogen receptor-negative breast cancer. <i>Cell Death and Disease</i> , 2020, 11, 106.	6.3	10
70	Mitochondrial Fission Factor Is a Novel Interacting Protein of the Critical B Cell Survival Regulator TRAF3 in B Lymphocytes. <i>Frontiers in Immunology</i> , 2021, 12, 670338.	4.8	10
71	N-terminal determinants of I κ B α necessary for the cytoplasmic regulation of c-Rel. <i>Oncogene</i> , 2000, 19, 1239-1244.	5.9	9
72	Hacking hexokinase halts tumor growth. <i>Cancer Biology and Therapy</i> , 2008, 7, 1136-1138.	3.4	9

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73	Histone 1.2, Another Housekeeping Protein that Kills. <i>Cancer Biology and Therapy</i> , 2004, 3, 42-43.	3.4	8
74	ZKSCAN3 in severe bacterial lung infection and sepsis-induced immunosuppression. <i>Laboratory Investigation</i> , 2021, 101, 1467-1474.	3.7	8
75	Non-apoptotic routes to defeat cancer. <i>Oncolmunology</i> , 2012, 1, 94-96.	4.6	7
76	SerpinB3/B4: Mediators of Ras-driven inflammation and oncogenesis. <i>Cell Cycle</i> , 2014, 13, 3155-3156.	2.6	7
77	The beta identity of class I PtdIns3K. <i>Autophagy</i> , 2011, 7, 246-247.	9.1	5
78	Cellular Apoptosis Assay of Breast Cancer. <i>Methods in Molecular Biology</i> , 2016, 1406, 139-149.	0.9	5
79	Activation of G β q in Cardiomyocytes Increases Vps34 Activity and Stimulates Autophagy. <i>Journal of Cardiovascular Pharmacology</i> , 2017, 69, 198-211.	1.9	4
80	Spectrophotometric Determination of Glutamine Synthetase Activity in Cultured Cells. <i>Bio-protocol</i> , 2016, 6, .	0.4	4
81	Pinpointing pin1 in non-small cell lung carcinoma. <i>Cancer Biology and Therapy</i> , 2010, 9, 120-121.	3.4	0