

Jianbo Yue

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

7,027
citations

201674

27
h-index

138484

58
g-index

65
all docs

65
docs citations

65
times ranked

17276
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	Development of a magnetic microrobot for carrying and delivering targeted cells. <i>Science Robotics</i> , 2018, 3, .	17.6	290
3	Transforming growth factor- β signal transduction in epithelial cells. , 2001, 91, 1-34.		176
4	Direct detection of two different tumor-derived extracellular vesicles by SAM-AuNIs LSPR biosensor. <i>Biosensors and Bioelectronics</i> , 2017, 94, 400-407.	10.1	139
5	Requirement of Ras/MAPK Pathway Activation by Transforming Growth Factor β 1 Production in a Smad-dependent Pathway. <i>Journal of Biological Chemistry</i> , 2000, 275, 30765-30773.	3.4	136
6	<i>Mir223</i> restrains autophagy and promotes CNS inflammation by targeting ATG16L1. <i>Autophagy</i> , 2019, 15, 478-492.	9.1	104
7	Vacuolin-1 potently and reversibly inhibits autophagosome-lysosome fusion by activating RAB5A. <i>Autophagy</i> , 2014, 10, 1895-1905.	9.1	103
8	Cross-talk between the Smad1 and Ras/MEK signaling pathways for TGF β 2. <i>Oncogene</i> , 1999, 18, 2033-2037.	5.9	94
9	Two Pore Channel 2 (TPC2) Inhibits Autophagosomal-Lysosomal Fusion by Alkalinizing Lysosomal pH. <i>Journal of Biological Chemistry</i> , 2013, 288, 24247-24263.	3.4	88
10	Mechanistic study of TRPM2-Ca ²⁺ -CAMK2-BECN1 signaling in oxidative stress-induced autophagy inhibition. <i>Autophagy</i> , 2016, 12, 1340-1354.	9.1	72
11	Roles and mechanisms of the CD38/cyclic adenosine diphosphate ribose/Ca ²⁺ signaling pathway. <i>World Journal of Biological Chemistry</i> , 2014, 5, 58.	4.3	67
12	Activation of the Mitogen-Activated Protein Kinase Pathway by Transforming Growth Factor- β 2. , 2000, 142, 125-131.		62
13	Oxidative stress activates the TRPM2-Ca ²⁺ -CaMKII-ROS signaling loop to induce cell death in cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 957-967.	4.1	51
14	BK _C and hERG1 Channels Regulate Cell Proliferation and Differentiation in Human Bone Marrow-derived Mesenchymal Stem Cells. <i>Journal of Cellular Physiology</i> , 2014, 229, 202-212.	4.1	47
15	Two Pore Channel 2 Differentially Modulates Neural Differentiation of Mouse Embryonic Stem Cells. <i>PLoS ONE</i> , 2013, 8, e66077.	2.5	45
16	CD38/cADPR/Ca ²⁺ Pathway Promotes Cell Proliferation and Delays Nerve Growth Factor-induced Differentiation in PC12 Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 29335-29342.	3.4	42
17	ROS and Oxidative Stress in Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-2.	4.0	41
18	Intracellular Alkalinization Induces Cytosolic Ca ²⁺ Increases by Inhibiting Sarco/Endoplasmic Reticulum Ca ²⁺ -ATPase (SERCA). <i>PLoS ONE</i> , 2012, 7, e31905.	2.5	39

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19	Blockade of TGF β 3 up-regulation of p27Kip1 and p21Cip1 by expression of RasN17 in epithelial cells. <i>Oncogene</i> , 1998, 17, 47-55.	5.9	35
20	Design, synthesis and biological characterization of novel inhibitors of CD38. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3246.	2.8	35
21	Requirement of TGF- β receptor-dependent activation of c-Jun N-terminal kinases (JNKs)/stress-activated protein kinases (Sapks) for TGF- β up-regulation of the urokinase-type plasminogen activator receptor. <i>Journal of Cellular Physiology</i> , 2004, 199, 284-292.	4.1	34
22	The role of Ca ²⁺ signaling on the self-renewal and neural differentiation of embryonic stem cells (ESCs). <i>Cell Calcium</i> , 2016, 59, 67-74.	2.4	34
23	TPC2 mediates autophagy progression and extracellular vesicle secretion in cancer cells. <i>Experimental Cell Research</i> , 2018, 370, 478-489.	2.6	34
24	Berbamine inhibits SARS-CoV-2 infection by compromising TRPMLs-mediated endolysosomal trafficking of ACE2. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 168.	17.1	32
25	Identifying Glyceraldehyde 3-Phosphate Dehydrogenase as a Cyclic Adenosine Diphosphoribose Binding Protein by Photoaffinity Proteinâ€“Ligand Labeling Approach. <i>Journal of the American Chemical Society</i> , 2017, 139, 156-170.	13.7	30
26	Inhibition of Cardiomyocytes Differentiation of Mouse Embryonic Stem Cells by CD38/cADPR/Ca ²⁺ Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2012, 287, 35599-35611.	3.4	29
27	Functional TRPV and TRPM channels in human preadipocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2014, 466, 947-959.	2.8	29
28	Halofuginone and artemisinin synergistically arrest cancer cells at the G1/G0 phase by upregulating p21Cip1 and p27Kip1. <i>Oncotarget</i> , 2016, 7, 50302-50314.	1.8	29
29	A Novel Fluorescent Cell Membrane-permeable Caged Cyclic ADP-ribose Analogue. <i>Journal of Biological Chemistry</i> , 2012, 287, 24774-24783.	3.4	27
30	Cloning and expression of a rat Smad1: Regulation by TGF β 1/2 and modulation by the ras/MEK pathway. , 1999, 178, 387-396.		26
31	NAADP/TPC2/Ca ²⁺ Signaling Inhibits Autophagy. <i>Communicative and Integrative Biology</i> , 2013, 6, e27595.	1.4	25
32	A Cell Permeable NPE Caged ADP-Ribose for Studying TRPM2. <i>PLoS ONE</i> , 2012, 7, e51028.	2.5	23
33	Role of STIM1 in survival and neural differentiation of mouse embryonic stem cells independent of Orai1-mediated Ca ²⁺ entry. <i>Stem Cell Research</i> , 2014, 12, 452-466.	0.7	23
34	Mos Mediates the Mitotic Activation of p42 MAPK in Xenopus Egg Extracts. <i>Current Biology</i> , 2004, 14, 1581-1586.	3.9	22
35	Metformin accelerates zebrafish heart regeneration by inducing autophagy. <i>Npj Regenerative Medicine</i> , 2021, 6, 62.	5.2	22
36	Saikosaponin D suppresses enterovirus A71 infection by inhibiting autophagy. <i>Signal Transduction and Targeted Therapy</i> , 2019, 4, 4.	17.1	18

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37	CD38 Is Required for Neural Differentiation of Mouse Embryonic Stem Cells by Modulating Reactive Oxygen Species. <i>Stem Cells</i> , 2015, 33, 2664-2673.	3.2	17
38	Identification of Novel Vacuolin-1 Analogues as Autophagy Inhibitors by Virtual Drug Screening and Chemical Synthesis. <i>Molecules</i> , 2017, 22, 891.	3.8	17
39	The interplay of autophagy and enterovirus. <i>Seminars in Cell and Developmental Biology</i> , 2020, 101, 12-19.	5.0	16
40	Berbamine inhibits Japanese encephalitis virus (JEV) infection by compromising TPRMLs-mediated endolysosomal trafficking of low-density lipoprotein receptor (LDLR). <i>Emerging Microbes and Infections</i> , 2021, 10, 1257-1271.	6.5	16
41	Mechanistic Studies of the Mitotic Activation of Mos. <i>Molecular and Cellular Biology</i> , 2006, 26, 5300-5309.	2.3	15
42	Vacuolin-1 inhibits endosomal trafficking and metastasis via CapZ ¹ . <i>Oncogene</i> , 2021, 40, 1775-1791.	5.9	14
43	VCP/p97 targets the nuclear export and degradation of p27 ^{Kip1} during G1 to S phase transition. <i>FASEB Journal</i> , 2020, 34, 5193-5207.	0.5	13
44	High-content screening of diterpenoids from <i>Isodon</i> species as autophagy modulators and the functional study of their antiviral activities. <i>Cell Biology and Toxicology</i> , 2021, 37, 695-713.	5.3	12
45	Requirement of B-Raf, C-Raf, and A-Raf for the growth and survival of mouse embryonic stem cells. <i>Experimental Cell Research</i> , 2013, 319, 2801-2811.	2.6	11
46	Monitoring the intracellular calcium response to a dynamic hypertonic environment. <i>Scientific Reports</i> , 2016, 6, 23591.	3.3	11
47	TRPC3 is required for the survival, pluripotency and neural differentiation of mouse embryonic stem cells (mESCs). <i>Science China Life Sciences</i> , 2018, 61, 253-265.	4.9	10
48	Capping protein regulates endosomal trafficking by controlling F-actin density around endocytic vesicles and recruiting RAB5 effectors. <i>ELife</i> , 2021, 10, .	6.0	10
49	Japanese encephalitis virus manipulates lysosomes membrane for RNA replication and utilizes autophagy components for intracellular growth. <i>Veterinary Microbiology</i> , 2021, 255, 109025.	1.9	8
50	The phosphorylation and dephosphorylation switch of VCP/p97 regulates the architecture of centrosome and spindle. <i>Cell Death and Differentiation</i> , 2022, 29, 2070-2088.	11.2	8
51	Synthesis and Calcium Mobilization Activity of cADPR Analogues Which Integrate Nucleobase, Northern and Southern Ribose Modifications. <i>Molecules</i> , 2012, 17, 4343-4356.	3.8	7
52	B-Raf and C-Raf are required for Ras-stimulated p42 MAP kinase activation in <i>Xenopus</i> egg extracts. <i>Oncogene</i> , 2006, 25, 3307-3315.	5.9	6
53	Requirement of IP3 receptor 3 (IP3R3) in nitric oxide induced cardiomyocyte differentiation of mouse embryonic stem cells. <i>Experimental Cell Research</i> , 2016, 346, 9-16.	2.6	6
54	Isoscoparin R and S, two new <i>ent</i> -clerodane diterpenoids from <i>Isodon scoparius</i> . <i>Journal of Asian Natural Products Research</i> , 2019, 21, 977-984.	1.4	6

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55	Autophagy in host-microbe interactions. <i>Seminars in Cell and Developmental Biology</i> , 2020, 101, 1-2.	5.0	6
56	Cyclic Adenosine 5'-Diphosphoribose (cADPR) Mimics Used as Molecular Probes in Cell Signaling. <i>Chemical Record</i> , 2015, 15, 511-523.	5.8	4
57	Autophagy inhibitor Vacuolin-1 interferes with lipid-based small interference RNA delivery. <i>Biochemical and Biophysical Research Communications</i> , 2019, 510, 427-434.	2.1	2
58	Depleting interferon regulatory factor-1 (IRF-1) with CRISPR/Cas9 attenuates inducible oxidative metabolism without affecting RA-induced differentiation in HL-60 human AML cells. <i>FASEB BioAdvances</i> , 2020, 2, 354-364.	2.4	2
59	Dissecting the novel partners of nuclear c-Raf and its role in all-trans retinoic acid (ATRA)-induced myeloblastic leukemia cells differentiation. <i>Experimental Cell Research</i> , 2020, 394, 111989.	2.6	2
60	The ERK1/2-ATG13-FIP200 signaling cascade is required for autophagy induction to protect renal cells from hypoglycemia-induced cell death. <i>Journal of Cellular Physiology</i> , 2021, 236, 6932-6947.	4.1	2
61	Ca ²⁺ Handling in Mouse Embryonic Stem Cell-Derived Cardiomyocytes. <i>Methods in Molecular Biology</i> , 2014, 1212, 163-169.	0.9	0
62	The NAADP/TPC2/Ca ²⁺ Signaling Antagonizes Autophagosome Maturation. <i>FASEB Journal</i> , 2013, 27, 832.2.	0.5	0