# Jianbo Yue

List of Publications by Year
in descending order

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| 62 | 7,027 | 201674 | 138484 |
|---|---|---|---|
| papers | citations | 27 h-index | 58 g-index |

| 65 | 65 | 65 | 17276 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The phosphorylation and dephosphorylation switch of VCP/p97 regulates the architecture of centrosome and spindle. Cell Death and Differentiation, 2022, 29, 2070-2088. | 11.2 | 8 |
| 2 | High-content screening of diterpenoids from Isodon species as autophagy modulators and the functional study of their antiviral activities. Cell Biology and Toxicology, 2021, 37, 695-713. | 5.3 | 12 |
| 3 | Vacuolin-1 inhibits endosomal trafficking and metastasis via CapZÎ². Oncogene, 2021, 40, 1775-1791. | 5.9 | 14 |
| 4 | The ERK1/2â€“ATG13â€“FIP200 signaling cascade is required for autophagy induction to protect renal cells from hypoglycemiaâ€induced cell death. Journal of Cellular Physiology, 2021, 236, 6932-6947. | 4.1 | 2 |
| 5 | Japanese encephalitis virus manipulates lysosomes membrane for RNA replication and utilizes autophagy components for intracellular growth. Veterinary Microbiology, 2021, 255, 109025. | 1.9 | 8 |
| 6 | Berbamine inhibits SARS-CoV-2 infection by compromising TRPMLs-mediated endolysosomal trafficking of ACE2. Signal Transduction and Targeted Therapy, 2021, 6, 168. | 17.1 | 32 |
| 7 | Berbamine inhibits Japanese encephalitis virus (JEV) infection by compromising TPRMLs-mediated endolysosomal trafficking of low-density lipoprotein receptor (LDLR). Emerging Microbes and Infections, 2021, 10, 1257-1271. | 6.5 | 16 |
| 8 | Metformin accelerates zebrafish heart regeneration by inducing autophagy. Npj Regenerative Medicine, 2021, 6, 62. | 5.2 | 22 |
| 9 | Capping protein regulates endosomal trafficking by controlling F-actin density around endocytic vesicles and recruiting RAB5 effectors. ELife, 2021, 10, . | 6.0 | 10 |
| 10 | The interplay of autophagy and enterovirus. Seminars in Cell and Developmental Biology, 2020, 101, 12-19. | 5.0 | 16 |
| 11 | Depleting interferon regulatory factorâ€1(IRFâ€1) with CRISPR/Cas9 attenuates inducible oxidative metabolism without affecting RAâ€induced differentiation in HLâ€60 human AML cells. FASEB BioAdvances, 2020, 2, 354-364. | 2.4 | 2 |
| 12 | Dissecting the novel partners of nuclear c-Raf and its role in all-trans retinoic acid (ATRA)-induced myeloblastic leukemia cells differentiation. Experimental Cell Research, 2020, 394, 111989. | 2.6 | 2 |
| 13 | VCP/p97 targets the nuclear export and degradation of p27<sup>Kip1</sup>during G1 to S phase transition. FASEB Journal, 2020, 34, 5193-5207. | 0.5 | 13 |
| 14 | Autophagy in host-microbe interactions. Seminars in Cell and Developmental Biology, 2020, 101, 1-2. | 5.0 | 6 |
| 15 | Isoscoparins R and S, two new ent-clerodane diterpenoids from Isodon scoparius. Journal of Asian Natural Products Research, 2019, 21, 977-984. | 1.4 | 6 |
| 16 | Autophagy inhibitor Vacuolin-1 interferes with lipid-based small interference RNA delivery. Biochemical and Biophysical Research Communications, 2019, 510, 427-434. | 2.1 | 2 |
| 17 | Saikosaponin D suppresses enterovirus A71 infection by inhibiting autophagy. Signal Transduction and Targeted Therapy, 2019, 4, 4. | 17.1 | 18 |
| 18 | Mir223 restrains autophagy and promotes CNS inflammation by targeting ATG16L1. Autophagy, 2019, 15, 478-492. | 9.1 | 104 |

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|---|---|---|---|
| 19 | TRPC3 is required for the survival, pluripotency and neural differentiation of mouse embryonic stem cells (mESCs). Science China Life Sciences, 2018, 61, 253-265. | 4.9 | 10 |
| 20 | Development of a magnetic microrobot for carrying and delivering targeted cells. Science Robotics, 2018, 3, . | 17.6 | 290 |
| 21 | TPC2 mediates autophagy progression and extracellular vesicle secretion in cancer cells. Experimental Cell Research, 2018, 370, 478-489. | 2.6 | 34 |
| 22 | Direct detection of two different tumor-derived extracellular vesicles by SAM-AuNIs LSPR biosensor. Biosensors and Bioelectronics, 2017, 94, 400-407. | 10.1 | 139 |
| 23 | Oxidative stress activates the TRPM2-Ca 2+ -CaMKII-ROS signaling loop to induce cell death in cancer cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 957-967. | 4.1 | 51 |
| 24 | Identifying Glyceraldehyde 3-Phosphate Dehydrogenase as a Cyclic Adenosine Diphosphoribose Binding Protein by Photoaffinity Proteinâ€“Ligand Labeling Approach. Journal of the American Chemical Society, 2017, 139, 156-170. | 13.7 | 30 |
| 25 | Identification of Novel Vacuolin-1 Analogues as Autophagy Inhibitors by Virtual Drug Screening and Chemical Synthesis. Molecules, 2017, 22, 891. | 3.8 | 17 |
| 26 | ROS and Oxidative Stress in Stem Cells. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-2. | 4.0 | 41 |
| 27 | Halofuginone and artemisinin synergistically arrest cancer cells at the G1/G0 phase by upregulating p21Cip1 and p27Kip1. Oncotarget, 2016, 7, 50302-50314. | 1.8 | 29 |
| 28 | Monitoring the intracellular calcium response to a dynamic hypertonic environment. Scientific Reports, 2016, 6, 23591. | 3.3 | 11 |
| 29 | Requirement of IP3 receptor 3 (IP3R3) in nitric oxide induced cardiomyocyte differentiation of mouse embryonic stem cells. Experimental Cell Research, 2016, 346, 9-16. | 2.6 | 6 |
| 30 | Mechanistic study of TRPM2-Ca<sup>2+</sup>-CAMK2-BECN1 signaling in oxidative stress-induced autophagy inhibition. Autophagy, 2016, 12, 1340-1354. | 9.1 | 72 |
| 31 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 9.1 | 4,701 |
| 32 | The role of Ca2+ signaling on the self-renewal and neural differentiation of embryonic stem cells (ESCs). Cell Calcium, 2016, 59, 67-74. | 2.4 | 34 |
| 33 | Cyclic Adenosine 5â€²-Diphosphoribose (cADPR) Mimics Used as Molecular Probes in Cell Signaling. Chemical Record, 2015, 15, 511-523. | 5.8 | 4 |
| 34 | CD38 Is Required for Neural Differentiation of Mouse Embryonic Stem Cells by Modulating Reactive Oxygen Species. Stem Cells, 2015, 33, 2664-2673. | 3.2 | 17 |
| 35 | Ca2+ Handling in Mouse Embryonic Stem Cell-Derived Cardiomyocytes. Methods in Molecular Biology, 2014, 1212, 163-169. | 0.9 | 0 |
| 36 | <scp>BK<sub>C</sub></scp><sub>a</sub> and h<scp>E</scp>ag1 Channels Regulate Cell Proliferation and Differentiation in Human Bone Marrowâ€<scp>D</scp>erived Mesenchymal Stem Cells. Journal of Cellular Physiology, 2014, 229, 202-212. | 4.1 | 47 |

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|---|---|---|---|
| 37 | Vacuolin-1 potently and reversibly inhibits autophagosome-lysosome fusion by activating RAB5A. Autophagy, 2014, 10, 1895-1905. | 9.1 | 103 |
| 38 | Roles and mechanisms of the CD38/cyclic adenosine diphosphate ribose/Ca<sup>2+</sup>signaling pathway. World Journal of Biological Chemistry, 2014, 5, 58. | 4.3 | 67 |
| 39 | Role of STIM1 in survival and neural differentiation of mouse embryonic stem cells independent of Orai1-mediated Ca2+ entry. Stem Cell Research, 2014, 12, 452-466. | 0.7 | 23 |
| 40 | Functional TRPV and TRPM channels in human preadipocytes. Pflugers Archiv European Journal of Physiology, 2014, 466, 947-959. | 2.8 | 29 |
| 41 | Requirement of B-Raf, C-Raf, and A-Raf for the growth and survival of mouse embryonic stem cells. Experimental Cell Research, 2013, 319, 2801-2811. | 2.6 | 11 |
| 42 | NAADP/TPC2/Ca2+Signaling Inhibits Autophagy. Communicative and Integrative Biology, 2013, 6, e27595. | 1.4 | 25 |
| 43 | Two Pore Channel 2 (TPC2) Inhibits Autophagosomal-Lysosomal Fusion by Alkalinizing Lysosomal pH. Journal of Biological Chemistry, 2013, 288, 24247-24263. | 3.4 | 88 |
| 44 | Two Pore Channel 2 Differentially Modulates Neural Differentiation of Mouse Embryonic Stem Cells. PLoS ONE, 2013, 8, e66077. | 2.5 | 45 |
| 45 | The NAADP/ TPC2/Ca2+ Signaling Antagonizes Autophagosome Maturation. FASEB Journal, 2013, 27, 832.2. | 0.5 | 0 |
| 46 | A Novel Fluorescent Cell Membrane-permeable Caged Cyclic ADP-ribose Analogue. Journal of Biological Chemistry, 2012, 287, 24774-24783. | 3.4 | 27 |
| 47 | Inhibition of Cardiomyocytes Differentiation of Mouse Embryonic Stem Cells by CD38/cADPR/Ca2+ Signaling Pathway. Journal of Biological Chemistry, 2012, 287, 35599-35611. | 3.4 | 29 |
| 48 | Synthesis and Calcium Mobilization Activity of cADPR Analogues Which Integrate Nucleobase, Northern and Southern Ribose Modifications. Molecules, 2012, 17, 4343-4356. | 3.8 | 7 |
| 49 | Intracellular Alkalinization Induces Cytosolic Ca2+ Increases by Inhibiting Sarco/Endoplasmic Reticulum Ca2+-ATPase (SERCA). PLoS ONE, 2012, 7, e31905. | 2.5 | 39 |
| 50 | A Cell Permeable NPE Caged ADP-Ribose for Studying TRPM2. PLoS ONE, 2012, 7, e51028. | 2.5 | 23 |
| 51 | Design, synthesis and biological characterization of novel inhibitors of CD38. Organic and Biomolecular Chemistry, 2011, 9, 3246. | 2.8 | 35 |
| 52 | CD38/cADPR/Ca2+ Pathway Promotes Cell Proliferation and Delays Nerve Growth Factor-induced Differentiation in PC12 Cells. Journal of Biological Chemistry, 2009, 284, 29335-29342. | 3.4 | 42 |
| 53 | B-Raf and C-Raf are required for Ras-stimulated p42 MAP kinase activation in Xenopus egg extracts. Oncogene, 2006, 25, 3307-3315. | 5.9 | 6 |
| 54 | Mechanistic Studies of the Mitotic Activation of Mos. Molecular and Cellular Biology, 2006, 26, 5300-5309. | 2.3 | 15 |

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|---|---|---|---|
| 55 | Mos Mediates the Mitotic Activation of p42 MAPK in Xenopus Egg Extracts. Current Biology, 2004, 14, 1581-1586. | 3.9 | 22 |
| 56 | Requirement of TGF-? receptor-dependent activation of c-Jun N-terminal kinases (JNKs)/stress-activated protein kinases (Sapks) for TGF-? up-regulation of the urokinase-type plasminogen activator receptor. Journal of Cellular Physiology, 2004, 199, 284-292. | 4.1 | 34 |
| 57 | Transforming growth factor-Î² signal transduction in epithelial cells. , 2001, 91, 1-34. | | 176 |
| 58 | Activation of the Mitogen-Activated Protein Kinase Pathway by Transforming Growth Factor-Î². , 2000, 142, 125-131. | | 62 |
| 59 | Requirement of Ras/MAPK Pathway Activation by Transforming Growth Factor Î² for Transforming Growth Factor Î²1Production in a Smad-dependent Pathway. Journal of Biological Chemistry, 2000, 275, 30765-30773. | 3.4 | 136 |
| 60 | Cross-talk between the Smad1 and Ras/MEK signaling pathways for TGFÎ². Oncogene, 1999, 18, 2033-2037. | 5.9 | 94 |
| 61 | Cloning and expression of a rat Smad1: Regulation by TGFï¿½ and modulation by the ras/MEK pathway. , 1999, 178, 387-396. | | 26 |
| 62 | Blockade of TGFÎ²3 up-regulation of p27Kip1 and p21Cip1 by expression of RasN17 in epithelial cells. Oncogene, 1998, 17, 47-55. | 5.9 | 35 |