

Du Feng

List of Publications by Year in descending order

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59
papers

5,928
citations

218677

26
h-index

138484

58
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59
all docs

59
docs citations

59
times ranked

9357
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial outer-membrane protein FUNDC1 mediates hypoxia-induced mitophagy in mammalian cells. <i>Nature Cell Biology</i> , 2012, 14, 177-185.	10.3	1,227
2	Cellular Internalization of Exosomes Occurs Through Phagocytosis. <i>Traffic</i> , 2010, 11, 675-687.	2.7	757
3	ULK1 translocates to mitochondria and phosphorylates FUNDC1 to regulate mitophagy. <i>EMBO Reports</i> , 2014, 15, 566-575.	4.5	435
4	A Regulatory Signaling Loop Comprising the PGAM5 Phosphatase and CK2 Controls Receptor-Mediated Mitophagy. <i>Molecular Cell</i> , 2014, 54, 362-377.	9.7	433
5	FUNDC1 regulates mitochondrial dynamics at the ER-mitochondrial contact site under hypoxic conditions. <i>EMBO Journal</i> , 2016, 35, 1368-1384.	7.8	260
6	O-GlcNAc-modification of SNAP-29 regulates autophagosome maturation. <i>Nature Cell Biology</i> , 2014, 16, 1215-1226.	10.3	232
7	The Vici Syndrome Protein EPG5 Is a Rab7 Effector that Determines the Fusion Specificity of Autophagosomes with Late Endosomes/Lysosomes. <i>Molecular Cell</i> , 2016, 63, 781-795.	9.7	227
8	Selective autophagy of intracellular organelles: Recent research advances. <i>Theranostics</i> , 2021, 11, 222-256.	10.0	207
9	A small natural molecule promotes mitochondrial fusion through inhibition of the deubiquitinase USP30. <i>Cell Research</i> , 2014, 24, 482-496.	12.0	170
10	The ER-Localized Transmembrane Protein EPG-3/VMP1 Regulates SERCA Activity to Control ER-Isolation Membrane Contacts for Autophagosome Formation. <i>Molecular Cell</i> , 2017, 67, 974-989.e6.	9.7	158
11	Phosphorylation of ULK1 by AMPK regulates translocation of ULK1 to mitochondria and mitophagy. <i>FEBS Letters</i> , 2015, 589, 1847-1854.	2.8	147
12	Regulation of mATG9 trafficking by Src- and ULK1-mediated phosphorylation in basal and starvation-induced autophagy. <i>Cell Research</i> , 2017, 27, 184-201.	12.0	147
13	The AMPK-MFN2 axis regulates MAM dynamics and autophagy induced by energy stresses. <i>Autophagy</i> , 2021, 17, 1142-1156.	9.1	126
14	FUNDC1 is a novel mitochondrial-associated-membrane (MAM) protein required for hypoxia-induced mitochondrial fission and mitophagy. <i>Autophagy</i> , 2016, 12, 1675-1676.	9.1	125
15	MicroRNA-137 Is a Novel Hypoxia-responsive MicroRNA That Inhibits Mitophagy via Regulation of Two Mitophagy Receptors FUNDC1 and NIX. <i>Journal of Biological Chemistry</i> , 2014, 289, 10691-10701.	3.4	115
16	Mitochondrial outer-membrane E3 ligase MUL1 ubiquitinates ULK1 and regulates selenite-induced mitophagy. <i>Autophagy</i> , 2015, 11, 1216-1229.	9.1	111
17	Mice deficient in <i>Epg5</i> exhibit selective neuronal vulnerability to degeneration. <i>Journal of Cell Biology</i> , 2013, 200, 731-741.	5.2	107
18	Molecular signaling toward mitophagy and its physiological significance. <i>Experimental Cell Research</i> , 2013, 319, 1697-1705.	2.6	89

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19	The ER-Localized Protein DFPC1 Modulates ER-Lipid Droplet Contact Formation. <i>Cell Reports</i> , 2019, 27, 343-358.e5.	6.4	74
20	Autophagy alleviates hypoxia-induced blood-brain barrier injury via regulation of CLDN5 (claudin 5). <i>Autophagy</i> , 2021, 17, 3048-3067.	9.1	70
21	Autophagy as a novel therapeutic target in vascular calcification. , 2020, 206, 107430.		60
22	Dihydromyricetin induces autophagy in HepG2 cells involved in inhibition of mTOR and regulating its upstream pathways. <i>Food and Chemical Toxicology</i> , 2014, 66, 7-13.	3.6	53
23	The Release of Peripheral Immune Inflammatory Cytokines Promote an Inflammatory Cascade in PCOS Patients via Altering the Follicular Microenvironment. <i>Frontiers in Immunology</i> , 2021, 12, 685724.	4.8	42
24	Mitochondrial PIP3-binding protein FUNDC2 supports platelet survival via AKT signaling pathway. <i>Cell Death and Differentiation</i> , 2019, 26, 321-331.	11.2	41
25	Recent progress in the role of autophagy in neurological diseases. <i>Cell Stress</i> , 2019, 3, 141-161.	3.2	40
26	Targeting ATG4 in Cancer Therapy. <i>Cancers</i> , 2019, 11, 649.	3.7	36
27	Mitochondrial Quality Control in Cardiomyocytes: A Critical Role in the Progression of Cardiovascular Diseases. <i>Frontiers in Physiology</i> , 2020, 11, 252.	2.8	32
28	Differential MicroRNA Profiling in a Cellular Hypoxia Reoxygenation Model upon Posthypoxic Propofol Treatment Reveals Alterations in Autophagy Signaling Network. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-11.	4.0	31
29	Monitoring Mitophagy in Mammalian Cells. <i>Methods in Enzymology</i> , 2014, 547, 39-55.	1.0	27
30	A Novel Strategy for the Invasive Toxin: Hijacking Exosome-Mediated Intercellular Trafficking. <i>Traffic</i> , 2009, 10, 411-424.	2.7	26
31	Immunofluorescence Staining Protocols for Major Autophagy Proteins Including LC3, P62, and ULK1 in Mammalian Cells in Response to Normoxia and Hypoxia. <i>Methods in Molecular Biology</i> , 2018, 1854, 175-185.	0.9	21
32	MicroRNA-495 regulates starvation-induced autophagy by targeting ATG3. <i>FEBS Letters</i> , 2016, 590, 726-738.	2.8	20
33	Propofol prevents human umbilical vein endothelial cell injury from Ang II-induced apoptosis by activating the ACE2-(1-7)-Mas axis and eNOS phosphorylation. <i>PLoS ONE</i> , 2018, 13, e0199373.	2.5	20
34	Caffeine promotes angiogenesis through modulating endothelial mitochondrial dynamics. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 2033-2045.	6.1	20
35	MicroRNA-93 Regulates Hypoxia-Induced Autophagy by Targeting ULK1. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	4.0	19
36	The anti-viral protein of trichosanthin penetrates into human immunodeficiency virus type 1. <i>Acta Biochimica Et Biophysica Sinica</i> , 2010, 42, 91-97.	2.0	18

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37	Inhibition of Caveolae Contributes to Propofol Preconditioning-Suppressed Microvesicles Release and Cell Injury by Hypoxia-Reoxygenation. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	4.0	16
38	Nanoporous diopside modulates biocompatibility, degradability and osteogenesis of bioactive scaffolds of gliadin-based composites for new bone formation. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3883-3896.	6.7	15
39	Molecular machineries and physiological relevance of ER-mediated membrane contacts. <i>Theranostics</i> , 2021, 11, 974-995.	10.0	15
40	The nascent polypeptide-associated complex is essential for autophagic flux. <i>Autophagy</i> , 2014, 10, 1738-1748.	9.1	14
41	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
42	A novel sorting strategy of trichosanthin for hijacking human immunodeficiency virus type 1. <i>Biochemical and Biophysical Research Communications</i> , 2009, 384, 347-351.	2.1	13
43	Pharmacological insights into autophagy modulation in autoimmune diseases. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3364-3378.	12.0	12
44	Obesity-Induced Regulator of Calcineurin 1 Overexpression Leads to β^2 -Cell Failure Through Mitophagy Pathway Inhibition. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 413-428.	5.4	11
45	Mitochondria-Associated Endoplasmic Reticulum Membranes in Breast Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 629669.	3.7	10
46	Value of pulmonary artery pressure in predicting in-hospital and one-year mortality after valve replacement surgery in middle-aged and aged patients with rheumatic mitral disease: an observational study. <i>BMJ Open</i> , 2017, 7, e014316.	1.9	9
47	Autophagic degradation of PML promotes susceptibility to HSV-1 by stress-induced Corticosterone. <i>Theranostics</i> , 2020, 10, 9032-9049.	10.0	9
48	Exploring MicroRNAs on NIX-Dependent Mitophagy. <i>Methods in Molecular Biology</i> , 2017, 1759, 111-121.	0.9	8
49	The cardiothoracic ratio: a neglected preoperative risk-stratified method for patients with rheumatic heart disease undergoing valve replacement surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 511-517.	1.4	8
50	Autophagy Induced by Proteasomal DUB Inhibitor NiPT Restricts NiPT-Mediated Cancer Cell Death. <i>Frontiers in Oncology</i> , 2020, 10, 348.	2.8	8
51	Serum uric acid as a simple risk factor in patients with rheumatic heart disease undergoing valve replacement surgery. <i>Clinica Chimica Acta</i> , 2017, 472, 69-74.	1.1	7
52	Mitochondrial Contact Sites in Inflammation-Induced Cardiovascular Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 692.	3.7	7
53	Glycolysis inhibition ameliorates brain injury after ischemic stroke by promoting the function of myeloid-derived suppressor cells. <i>Pharmacological Research</i> , 2022, 179, 106208.	7.1	7
54	Thrombocytopenia as a Preoperative Risk Assessment Tool in Patients With Rheumatic Heart Disease Undergoing Valve Replacement Surgery. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	6

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55	Prognostic value of hypoalbuminemia for adverse outcomes in patients with rheumatic heart disease undergoing valve replacement surgery. <i>Scientific Reports</i> , 2017, 7, 1958.	3.3	6
56	Autophagic Cell Death and Apoptosis Jointly Mediate Cisatracurium Besylate-Induced Cell Injury. <i>International Journal of Molecular Sciences</i> , 2016, 17, 515.	4.1	4
57	Protective effect of propofol on ischemia-reperfusion injury detected by HPLC-MS/MS targeted metabolic profiling. <i>European Journal of Pharmacology</i> , 2018, 833, 69-78.	3.5	3
58	Association between HTR2A T102C polymorphism and major depressive disorder: a meta-analysis in the Chinese population. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 20897-903.	1.3	2
59	Molecular Regulations of FUNDC1 at ER-Mitochondria Contacts Under Hypoxic Stress. <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , 2022, 5, 251525642210924.	1.3	1