

学位授权点建设年度报告 (2021年)

学位授予单位

名称: 苏州大学

代码: 10285

授权学科
(类别)

名称: 生物学

代码: 0710

授权级别

博士

硕士

2021年12月30日

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Reader Response: Intravenous Immunoglobulin Therapy in Patients With Painful Idiopathic Small Fiber Neuropathy	Neurology	1	2021	791-792	
Protein N-myristoylation: functions and mechanisms in control of innate immunity	Cellular & Molecular Immunology	1	2021	878-888	
The intersection of COVID-19 and cancer: signaling pathways and treatment implications	Molecular Cancer	1	2021	76	
Targeting liquid liquid phase separation of SARS-CoV-2 nucleocapsid protein promotes innate antiviral immunity by elevating MAVS activity	Nature cell biology	1	2021	718-732	
Kruppel-like factor 10 protects against acute viral myocarditis by negatively regulating cardiac MCP-1 expression.	Cellular & Molecular Immunology	1	2021	2236-2248	,
EGCG induces pro-inflammatory response in macrophage to prevent bacterial infection through 67LR/p38/JNK signaling pathway	Journal of Agricultural and Food Chemistry	1	2021	69(20):5638-5651	,
Targeted inhibition of calpain in mitochondria alleviates oxidative stress-induced myocardial injury	Acta Pharmacologica Sinica	1	2021	909-920	,
High salt activates p97 to reduce host antiviral immunity by restricting Viperin induction	EMBO Reports	1	2021	e53466	,
Release of VEGF and BMP9 from injectable alginate based composite hydrogel for treatment of myocardial infarction	Bioactive Materials	1	2021	520-528	,
Biomaterials based cardiac patches for the treatment of myocardial infarction	Journal of Materials Science & Technology	1	2021	77-89	,
Dual-function antibacterial surfaces to resist and kill bacteria: Painting a picture with two brushes simultaneously	Journal of Materials Science & Technology	1	2021	24-38	,
Universal Antifouling and Photothermal Antibacterial Surfaces Based on Multifunctional Metal Phenolic Networks for Prevention of Biofilm Formation	ACS Applied Materials & Interfaces	1	2021	48403-48413	,
Stem cell-derived exosomes repair ischemic muscle injury by inhibiting the tumor suppressor Rb1-mediated NLRP3 inflammasome pathway	Signal Transduction and Targeted Therapy	1	2021	121	,
Inflammasomes as therapeutic targets in human diseases.	Signal Transduction and Targeted Therapy	1	2021	247	,
FLT4/VEGFR3 activates AMPK to coordinate glycometabolic	Autophagy	1	2021	1- 16	Hongyan Wang, Bin

reprogramming with autophagy and inflammasome activation for bacterial elimination					Wei,
CLEC-2-dependent platelet subendothelial accumulation by flow disturbance contributes to atherogenesis in mice	Theranostics	1	2021	9791-9804	
DLL1 orchestrates CD8+ T cells to induce long-term vascular normalization and tumor regression	PNAS	1	2021		
Quaking 5 suppresses TGF- β -induced EMT and cell invasion in lung adenocarcinoma	EMBO Reports	1	2021	22(6):e52079	
IDH2 contributes to tumorigenesis and poor prognosis by regulating m6A RNA methylation in multiple myeloma.	Oncogene	1	2021	Sep;40(35):5393-5402	
2-Hydroxylation of Fatty Acids Represses Colorectal Tumorigenesis and Metastasis via the YAP Transcriptional Axis	Cancer Research	1	2021	15;81(2):289-302	
MAFG-driven osteosarcoma cell progression is inhibited by a novel miRNA miR-4660	Molecular Therapy-Nucleic Acids	2	2021	385-402	
alpha-synuclein suppresses microglial autophagy and promotes neurodegeneration in a mouse model of Parkinson's disease	Aging Cell	2	2021	e13522	
Clemastine Ameliorates Myelin Deficits via Preventing Senescence of Oligodendrocytes Precursor Cells in Alzheimer's Disease Model Mouse	Frontiers in Cell and Developmental Biology	2	2021	733945	,
Clemastine attenuates AD-like pathology in an AD model mouse via enhancing mTOR-mediated autophagy	Experimental Neurology	2	2021	113742	
Intranasal Transplantation of Human Neural Stem Cells Ameliorates AD-Like Pathology in a Mouse Model	Frontiers in Aging Neuroscience	2	2021	650103	
Upregulation of Spinal ASIC1 and NKCC1 Expression Contributes to Chronic Visceral Pain in Rats	Frontiers in Molecular Neuroscience	2	2021	2021 Jan 11;13:611179	
Upregulation of spinal ASIC1 by miR-485 mediates enterodynia in adult offspring rats with prenatal maternal stress	CNS Neurosci Ther	2	2021	2021 Feb;27(2):244-255	
Stress modulates Ahi1-dependent nuclear localization of ten-eleven translocation protein 2	HUMAN MOLECULAR GENETICS	2	2021	2149-2160	
Ahi1 regulates the nuclear translocation of glucocorticoid receptor to modulate stress response	Transl Psychiatry	2	2021	188	

Melatonin improves the resistance of oxidative stress-induced cellular senescence in osteoporotic bone marrow mesenchymal stem cells	Oxidative Medicine and Cellular Longevity	2	2021		
Assessment of viscoelasticity of ex vivo bovine cartilage using Rayleigh wave method in the near-source and far-field region	Journal of biomechanics	2	2021		
Nano-elastic modulus of tendon measured directly in living mice	Journal of biomechanics	2	2021		
A Vimentin-Targeting Oral Compound with Host-Directed Antiviral and Anti-Inflammatory Actions Addresses Multiple Features of COVID-19 and Related Diseases	mBio	2	2021	Oct 26;12(5):e0254221	
Mammalian SWI/SNF Chromatin Remodeling Complexes in Embryonic Stem Cells: Regulating the Balance Between Pluripotency and Differentiation	Frontiers in Cell and Developmental Biology	2	2021	eCollection	
IgG Immunocomplexes Drive the Differentiation of a Novel Subset of Osteoclasts Independent of RANKL and Inflammatory Cytokines	Journal of Bone and Mineral Research	2	2021	1174-1188	
Functional Contributions of Antigen Presenting Cells in Chronic Graft-Versus-Host Disease	Frontiers in Immunology	2	2021	614183	

BRCC36 functions noncatalytically to promote antiviral response by maintaining STAT1 protein stability	European Journal of Immunology	2	2021	51(2):296-310	
Ubiquitin E3 ligase MID1 inhibits the innate immune response by ubiquitinating IRF3	Immunology	2	2021	163(3):278-292	
Human Umbilical Cord Mesenchymal Stem Cell Derived Exosomes Delivered Using Silk Fibroin and Sericin Composite Hydrogel Promote Wound Healing.	Frontiers in Cardiovascular Medicine	2	2021	713021	
Essential role of zyxin in platelet biogenesis and glycoprotein Ib-IX surface expression	Cell Death & Disease	2	2021	2021 Oct 16;12(11):955	
Carbamazepine Induces Platelet Apoptosis and Thrombocytopenia Through Protein Kinase A	Frontiers in Pharmacology	2	2021	2021 Sep 23;12:749930	
Single-cell RNA-seq reveals cellular heterogeneity of mouse carotid artery under disturbed flow.	Cell Death Discovery	2	2021	180	
Tissue dynamics of von Willebrand factor characterized by a novel fluorescent protein von Willebrand factor chimera	Journal of Thrombosis and Haemostasis	2	2021	1-14	
Rapamycin recruits SIRT2 for FKBP12 deacetylation during mTOR activity modulation in innate immunity	iScience	2	2021	103177	
The role of DLL1 in long-term vascular normalization and cancer immunotherapy	Cancer Biology & Medicine	2	2021		
Neuronal and Non-neuronal Cell Types Displaying Circadian Rhythmicity in the Mammalian Suprachiasmatic Nucleus	Neuroscience Bulletin	2	2021	37(1):138-140	
Identification of rhythmically expressed LncRNAs in the zebrafish pineal gland and testis	International journal of molecular sciences	2	2021	22(15):7810	
Computational Analysis Predicts Hundreds of Coding lncRNAs in Zebrafish	Biology-Basel	2	2021	10(5):371	
Hundreds of LncRNAs Display Circadian Rhythmicity in Zebrafish Larvae	Cells	2	2021	10(11):3173	
Roles of Vesicular monoamine transporter 2 (Vmat2) in neuronal development and histaminergic	Acta Physiologica	2	2021	e13739	
Stearoyl CoA Desaturase 1 and Inositol-Determine the Efficiency of Oleic Acid in Alleviating Silica Nanoparticle-Induced Insulin Resistance	Journal of Biomedical Nanotechnology	2	2021	17(7):1349-1363	,

Downregulation of ITGA6 confers to the invasion of multiple myeloma and promotes progression to plasma cell leukaemia.	BRITISH JOURNAL OF CANCER	2	2021	May;124 (11):1843-1853	
URI1 suppresses irradiation-induced reactive oxygen species (ROS) by activating autophagy in hepatocellular carcinoma cells.	International Journal of Biological Sciences	2	2021	3091-3103	
Satellite glial cells give rise to nociceptive sensory neurons	Stem Cell Reviews and Reports	2	2021	Doi:1007/s12015-020-10102-w	
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	PD-1 SHP-2			202010298729.7	
				ZL 2017 1 0853652.3	
				ZL 2019 1 1311902.6	
				ZL 2020 2 1167727.6	
				ZL 2020 2 1167675.2	
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				ZL201810123408.6	
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	CD79b			ZL201811176437.5	
	TIE2			ZL 2016 1 0044773.9	
	FSTL1			ZL 2016 1 0081875.8	
	Akt			ZL201810113801.7	

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	A		ZL201710158221.5
	A		ZL201710060730.4.
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’ ,	TMX1		ZL 2018 1 1314417.X
			ZL 2021 2 0826181.9
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	AR / HIF-1A		ZL202110248587.8
			2021SR0764270
			ZL 2019 1 0988806.9
	motif		2021SR0558285

