

# Kailiang Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

952  
citations

516710

16  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

802  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of pyroptosis in cardiovascular diseases. <i>International Immunopharmacology</i> , 2019, 67, 311-318.	3.8	171
2	Role of pyroptosis in spinal cord injury and its therapeutic implications. <i>Journal of Advanced Research</i> , 2021, 28, 97-109.	9.5	94
3	TFE3, a potential therapeutic target for Spinal Cord Injury via augmenting autophagy flux and alleviating ER stress. <i>Theranostics</i> , 2020, 10, 9280-9302.	10.0	74
4	Betulinic acid inhibits pyroptosis in spinal cord injury by augmenting autophagy via the AMPK-mTOR-TFEB signaling pathway. <i>International Journal of Biological Sciences</i> , 2021, 17, 1138-1152.	6.4	66
5	Stabilization of HIF-1 $\alpha$ by FG-4592 promotes functional recovery and neural protection in experimental spinal cord injury. <i>Brain Research</i> , 2016, 1632, 19-26.	2.2	54
6	The Temporal Pattern, Flux, and Function of Autophagy in Spinal Cord Injury. <i>International Journal of Molecular Sciences</i> , 2017, 18, 466.	4.1	54
7	Role of Pyroptosis in Traumatic Brain and Spinal Cord Injuries. <i>International Journal of Biological Sciences</i> , 2020, 16, 2042-2050.	6.4	54
8	Trehalose promotes the survival of random-pattern skin flaps by TFEB mediated autophagy enhancement. <i>Cell Death and Disease</i> , 2019, 10, 483.	6.3	44
9	FGF21 augments autophagy in random-pattern skin flaps via AMPK signaling pathways and improves tissue survival. <i>Cell Death and Disease</i> , 2019, 10, 872.	6.3	41
10	Metformin Promotes the Survival of Random-Pattern Skin Flaps by Inducing Autophagy via the AMPK-mTOR-TFEB signaling pathway. <i>International Journal of Biological Sciences</i> , 2019, 15, 325-340.	6.4	37
11	Salvianolic Acid B Promotes the Survival of Random-Pattern Skin Flaps in Rats by Inducing Autophagy. <i>Frontiers in Pharmacology</i> , 2018, 9, 1178.	3.5	30
12	Multifaceted effects of astragaloside IV on promotion of random pattern skin flap survival in rats. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 4161-4172.	0.0	28
13	Betulinic Acid Enhances the Viability of Random-Pattern Skin Flaps by Activating Autophagy. <i>Frontiers in Pharmacology</i> , 2019, 10, 1017.	3.5	25
14	Effects of the traditional Chinese medicine baicalein on the viability of random pattern skin flaps in rats. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 2267-2276.	4.3	22
15	Quantitative Multimodal Evaluation of Passaging Human Neural Crest Stem Cells for Peripheral Nerve Regeneration. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 92-100.	5.6	19
16	GDF-11 Protects the Traumatically Injured Spinal Cord by Suppressing Pyroptosis and Necroptosis via TFE3-Mediated Autophagy Augmentation. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-31.	4.0	19
17	&lt;p&gt;Qingxin kaiqiao fang ameliorates memory impairment and inhibits apoptosis in APP/PS1 double transgenic mice through the MAPK pathway&lt;/p&gt;. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 459-475.	4.3	16
18	Trehalose Augments Neuron Survival and Improves Recovery from Spinal Cord Injury via mTOR-Independent Activation of Autophagy. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	4.0	16

#	ARTICLE	IF	CITATIONS
19	Exenatide improves random-pattern skin flap survival via TFE3 mediated autophagy augment. Journal of Cellular Physiology, 2021, 236, 3641-3659.	4.1	15
20	Calcitriol promotes survival of experimental random pattern flap via activation of autophagy. American Journal of Translational Research (discontinued), 2017, 9, 3642-3653.	0.0	15
21	Valproic acid enhances the viability of random pattern skin flaps: involvement of enhancing angiogenesis and inhibiting oxidative stress and apoptosis. Drug Design, Development and Therapy, 2018, Volume 12, 3951-3960.	4.3	14
22	Targeting TFE3 Protects Against Lysosomal Malfunction-Induced Pyroptosis in Random Skin Flaps via ROS Elimination. Frontiers in Cell and Developmental Biology, 2021, 9, 643996.	3.7	11
23	&lt;p&gt;Therapeutic potential of pravastatin for random skin flaps necrosis: involvement of promoting angiogenesis and inhibiting apoptosis and oxidative stress&lt;/p&gt;. Drug Design, Development and Therapy, 2019, Volume 13, 1461-1472.	4.3	10
24	Liraglutide, a TFE3-Mediated Autophagy Agonist, Promotes the Viability of Random-Pattern Skin Flaps. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-18.	4.0	10
25	Role of NETosis in Central Nervous System Injury. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-15.	4.0	6
26	Combined antisclerostin antibody and parathyroid hormone (1&quot;34) synergistically enhance the healing of bone defects in ovariectomized rats. Zeitschrift Fur Gerontologie Und Geriatrie, 2020, 53, 163-170.	1.8	4
27	GDF-11 Protects the Traumatically Injured Spinal Cord by Suppressing Pyroptosis and Necroptosis via TFE3-Mediated Autophagy Augmentation. Oxidative Medicine and Cellular Longevity, 2021, 2021, 8186877.	4.0	2