

Lei Sun

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

781
citations

840776

11
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1491
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of functional neutrophils from mouse fibroblasts by thymidine through enhancement of Tet3 activity. , 2022, , .		1
2	Intracellular silicification by early-branching magnetotactic bacteria. <i>Science Advances</i> , 2022, 8, eabn6045.	10.3	11
3	VHUT-cryo-FIB, a method to fabricate frozen hydrated lamellae from tissue specimens for in situ cryo-electron tomography. <i>Journal of Structural Biology</i> , 2021, 213, 107763.	2.8	15
4	Sequential Recovery of Heavy and Noble Metals by Mussel-Inspired Polydopamine-Polyethyleneimine Conjugated Polyurethane Composite Bearing Dithiocarbamate Moieties. <i>Polymers</i> , 2019, 11, 1125.	4.5	18
5	TDP-43 induces mitochondrial damage and activates the mitochondrial unfolded protein response. <i>PLoS Genetics</i> , 2019, 15, e1007947.	3.5	171
6	IL-13 secreted by ILC2s promotes the self-renewal of intestinal stem cells through circular RNA circPan3. <i>Nature Immunology</i> , 2019, 20, 183-194.	14.5	150
7	AMPK β 2 deficiency exacerbates long-term PM2.5 exposure-induced lung injury and cardiac dysfunction. <i>Free Radical Biology and Medicine</i> , 2018, 121, 202-214.	2.9	67
8	Amino acid functionalized gadofullerene nanoparticles with superior antitumor activity via destruction of tumor vasculature in vivo. <i>Biomaterials</i> , 2017, 133, 107-118.	11.4	46
9	Large scale three-dimensional reconstruction of an entire <i>Caenorhabditis elegans</i> larva using AutoCUTS-SEM. <i>Journal of Structural Biology</i> , 2017, 200, 87-96.	2.8	28
10	c-Abl-mediated Drp1 phosphorylation promotes oxidative stress-induced mitochondrial fragmentation and neuronal cell death. <i>Cell Death and Disease</i> , 2017, 8, e3117-e3117.	6.3	62
11	Enterovirus 71 protease 2Apro and 3Cpro differentially inhibit the cellular endoplasmic reticulum-associated degradation (ERAD) pathway via distinct mechanisms, and enterovirus 71 hijacks ERAD component p97 to promote its replication. <i>PLoS Pathogens</i> , 2017, 13, e1006674.	4.7	36
12	Citron kinase enhances ubiquitination of HIV-1 Gag protein and intracellular HIV-1 budding. <i>Archives of Virology</i> , 2016, 161, 2441-2448.	2.1	10
13	Three-dimensional super-resolution protein localization correlated with vitrified cellular context. <i>Scientific Reports</i> , 2015, 5, 13017.	3.3	94
14	Analysis of chromatin fibers in HeLa cells with electron tomography. <i>Biophysics Reports</i> , 2015, 1, 51-60.	0.8	11
15	Cytosolic carboxypeptidase CCP6 is required for megakaryopoiesis by modulating Mad2 polyglutamylation. <i>Journal of Experimental Medicine</i> , 2014, 211, 2439-2454.	8.5	32
16	Crystal structure of the pyridoxal-5'-phosphate-dependent serine dehydratase from human liver. <i>Protein Science</i> , 2005, 14, 791-798.	7.6	29