

Degui Wang

List of Publications by Year in descending order

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34
papers

676
citations

567281

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h-index

580821

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35
all docs

35
docs citations

35
times ranked

872
citing authors

#	ARTICLE	IF	CITATIONS
1	Accumulation of polystyrene microplastics induces liver fibrosis by activating cGAS/STING pathway. <i>Environmental Pollution</i> , 2022, 300, 118986.	7.5	74
2	ZnO/Ag nanorods as a prominent SERS substrate contributed by synergistic charge transfer effect for simultaneous detection of oral antidiabetic drugs pioglitazone and phenformin. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127634.	7.8	63
3	Bladder cancer cells re-educate TAMs through lactate shuttling in the microfluidic cancer microenvironment. <i>Oncotarget</i> , 2015, 6, 39196-39210.	1.8	55
4	Two hour exposure to sodium butyrate sensitizes bladder cancer to anticancer drugs. <i>International Journal of Urology</i> , 2008, 15, 435-441.	1.0	53
5	Knockdown of astrocyte elevated gene-1 (AEG-1) in cervical cancer cells decreases their invasiveness, epithelial to mesenchymal transition, and chemoresistance. <i>Cell Cycle</i> , 2014, 13, 1702-1707.	2.6	52
6	RNF168 forms a functional complex with RAD6 during the DNA damage response. <i>Journal of Cell Science</i> , 2013, 126, 2042-2051.	2.0	36
7	Inhibitory effect of valproic acid on bladder cancer in combination with chemotherapeutic agents in vitro and in vivo. <i>Oncology Letters</i> , 2013, 6, 1492-1498.	1.8	35
8	Design, synthesis, and biological evaluation of carbamate derivatives of N-salicyloyl tryptamine as multifunctional agents for the treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2022, 229, 114044.	5.5	29
9	Amperometric sensing of hydrazine in environmental and biological samples by using CeO ₂ -encapsulated gold nanoparticles on reduced graphene oxide. <i>Mikrochimica Acta</i> , 2019, 186, 46.	5.0	28
10	Mito-Specific Ratiometric Terbium(III)-Complex-Based Luminescent Probe for Accurate Detection of Endogenous Peroxynitrite by Time-Resolved Luminescence Assay. <i>Analytical Chemistry</i> , 2019, 91, 12422-12427.	6.5	25
11	DNA Damage and Activation of cGAS/STING Pathway Induce Tumor Microenvironment Remodeling. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 828657.	3.7	21
12	RNF8 deficiency results in neurodegeneration in mice. <i>Neurobiology of Aging</i> , 2015, 36, 2850-2860.	3.1	19
13	DNA damage preceding dopamine neuron degeneration in A53T human α -synuclein transgenic mice. <i>Biochemical and Biophysical Research Communications</i> , 2016, 481, 104-110.	2.1	19
14	Function of RAD6B and RNF8 in spermatogenesis. <i>Cell Cycle</i> , 2018, 17, 162-173.	2.6	19
15	Prostate stem cell antigen enhancer and uroplakin II promoter based bladder cancer targeted tissue-specific vector. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2010, 28, 164-169.	1.6	16
16	N-salicyloyl tryptamine derivatives as potential therapeutic agents for Alzheimer's disease with neuroprotective effects. <i>Bioorganic Chemistry</i> , 2021, 115, 105255.	4.1	16
17	Liver changes induced by cadmium poisoning distinguished by confocal Raman imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 225, 117483.	3.9	15
18	RAD6B Plays a Critical Role in Neuronal DNA Damage Response to Resist Neurodegeneration. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 392.	3.7	14

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19	Biochanin A Sensitizes Glioblastoma to Temozolomide by Inhibiting Autophagy. <i>Molecular Neurobiology</i> , 2022, 59, 1262-1272.	4.0	12
20	Overexpression of thioredoxin reductase 1 can reduce DNA damage, mitochondrial autophagy and endoplasmic reticulum stress in Parkinson's disease. <i>Experimental Brain Research</i> , 2021, 239, 475-490.	1.5	11
21	Effects of amiloride on physiological activity of stem cells of human lung cancer and possible mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2018, 504, 1-5.	2.1	10
22	Dual-Site Fluorescent Sensor as a Multiple Logic System for Studying the Dichotomous Function of Sulfur Dioxide under Oxidative Stress Induced by Peroxynitrite. <i>Analytical Chemistry</i> , 2022, 94, 5744-5751.	6.5	9
23	Histone post-translational modification and the DNA damage response. <i>Genes and Diseases</i> , 2023, 10, 1429-1444.	3.4	7
24	Roles of galectin-3 in the tumor microenvironment and tumor metabolism (Review). <i>Oncology Reports</i> , 2020, 44, 1799-1809.	2.6	6
25	Silver mirror films deposited on well plates for SERS detection of multi-analytes: Aiming at 96-well technology. <i>Talanta</i> , 2021, 222, 121544.	5.5	5
26	Protective effect of thioredoxin reductase 1 in Parkinson's disease. <i>Neuroscience Letters</i> , 2021, 741, 135457.	2.1	5
27	Acute effect of lactic acid on tumor-endothelial cell metabolic coupling in the tumor microenvironment. <i>Oncology Letters</i> , 2016, 12, 3478-3484.	1.8	4
28	Co-expression of AML1-ETO and PML-RAR α following treatment of <i>de novo</i> acute myeloid leukemia with AML1-ETO. <i>Leukemia and Lymphoma</i> , 2019, 60, 1316-1319.	1.3	4
29	HIF-1 α mediates renal fibrosis by regulating metabolic remodeling of renal tubule epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2022, 618, 15-23.	2.1	4
30	Ex vivo detection of cadmium-induced renal damage by using confocal Raman spectroscopy. <i>Journal of Biophotonics</i> , 2019, 12, e201900157.	2.3	3
31	DNA Damage-Induced Foci of E2 Ubiquitin-Conjugating Enzyme are Detectable upon Co-transfection with an Interacting E3 Ubiquitin Ligase. <i>Biochemical Genetics</i> , 2016, 54, 147-157.	1.7	2
32	Loss of RAD6B induces degeneration of the cochlea in mice. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 402-408.	2.1	2
33	The Role of RAD6B and PEDF in Retinal Degeneration. <i>Neuroscience</i> , 2022, 480, 19-31.	2.3	2
34	rAAV9-UPII-TK-EGFP can precisely transduce a suicide gene and inhibit the growth of bladder tumors. <i>Cancer Biology and Therapy</i> , 2020, 21, 1171-1178.	3.4	1