

Ming Gao

List of Publications by Year in descending order

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43
papers

1,154
citations

304743

22
h-index

414414

32
g-index

43
all docs

43
docs citations

43
times ranked

1839
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Oxide Induced Perturbation to Plasma Membrane and Cytoskeletal Meshwork Sensitize Cancer Cells to Chemotherapeutic Agents. <i>ACS Nano</i> , 2017, 11, 2637-2651.	14.6	110
2	Molybdenum disulfide/graphene oxide nanocomposites show favorable lung targeting and enhanced drug loading/tumor-killing efficacy with improved biocompatibility. <i>NPJ Asia Materials</i> , 2018, 10, e458-e458.	7.9	58
3	LncRNA MT1DP Aggravates Cadmium-Induced Oxidative Stress by Repressing the Function of Nrf2 and is Dependent on Interaction with miR-365. <i>Advanced Science</i> , 2018, 5, 1800087.	11.2	48
4	miR-214 protects erythroid cells against oxidative stress by targeting ATF4 and EZH2. <i>Free Radical Biology and Medicine</i> , 2016, 92, 39-49.	2.9	43
5	N6-methyladenosine RNA modification in cancer therapeutic resistance: Current status and perspectives. <i>Biochemical Pharmacology</i> , 2020, 182, 114258.	4.4	43
6	Diverse Roles of GADD45 in Stress Signaling. <i>Current Protein and Peptide Science</i> , 2009, 10, 388-394.	1.4	41
7	Genome-Wide DNA Methylation Variations upon Exposure to Engineered Nanomaterials and Their Implications in Nanosafety Assessment. <i>Advanced Materials</i> , 2017, 29, 1604580.	21.0	41
8	IKK β contributes to UVB-induced VEGF expression by regulating AP-1 transactivation. <i>Nucleic Acids Research</i> , 2012, 40, 2940-2955.	14.5	40
9	LncRNA UCA1 attenuates autophagy-dependent cell death through blocking autophagic flux under arsenic stress. <i>Toxicology Letters</i> , 2018, 284, 195-204.	0.8	40
10	Hepassocin activates the EGFR/ERK cascade and induces proliferation of L02 cells through the Src-dependent pathway. <i>Cellular Signalling</i> , 2014, 26, 2161-2166.	3.6	39
11	Nrf-2-driven long noncoding RNA ODRUL contributes to modulating silver nanoparticle-induced effects on erythroid cells. <i>Biomaterials</i> , 2017, 130, 14-27.	11.4	39
12	An Unusual β -Vinyl Effect Leading to High Efficiency and Enantioselectivity of the Amidase, Nitrile Biotransformations for the Preparation of Enantiopure 3-Arylpent-4-enoic Acids and Amides and Their Applications in Synthesis. <i>Journal of Organic Chemistry</i> , 2006, 71, 9532-9535.	3.2	37
13	Current understanding of extrachromosomal circular DNA in cancer pathogenesis and therapeutic resistance. <i>Journal of Hematology and Oncology</i> , 2020, 13, 124.	17.0	36
14	EPO-dependent induction of erythroferrone drives hepcidin suppression and systematic iron absorption under phenylhydrazine-induced hemolytic anemia. <i>Blood Cells, Molecules, and Diseases</i> , 2016, 58, 45-51.	1.4	35
15	Long non-coding RNA MT1DP shunts the cellular defense to cytotoxicity through crosstalk with MT1H and RhoC in cadmium stress. <i>Cell Discovery</i> , 2018, 4, 5.	6.7	31
16	Remarkable Electronic and Steric Effects in the Nitrile Biotransformations for the Preparation of Enantiopure Functionalized Carboxylic Acids and Amides: An Implication for an Unsaturated Carbon-Carbon Bond Binding Domain of the Amidase. <i>Journal of Organic Chemistry</i> , 2007, 72, 6060-6066.	3.2	29
17	Tandem Deubiquitination and Acetylation of SPRTN Promotes DNA-Protein Crosslink Repair and Protects against Aging. <i>Molecular Cell</i> , 2020, 79, 824-835.e5.	9.7	29
18	ASTE1 promotes shieldin-complex-mediated DNA repair by attenuating end resection. <i>Nature Cell Biology</i> , 2021, 23, 894-904.	10.3	28

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19	The deubiquitinase USP36 Regulates DNA replication stress and confers therapeutic resistance through PrimPol stabilization. <i>Nucleic Acids Research</i> , 2020, 48, 12711-12726.	14.5	26
20	Liver-derived exosome-laden lncRNA MT1DP aggravates cadmium-induced nephrotoxicity. <i>Environmental Pollution</i> , 2020, 258, 113717.	7.5	25
21	Reduction of graphene oxide alters its cyto-compatibility towards primary and immortalized macrophages. <i>Nanoscale</i> , 2018, 10, 14637-14650.	5.6	23
22	LncRNA PU.1 AS regulates arsenic-induced lipid metabolism through EZH2/Sirt6/SREBP-1c pathway. <i>Journal of Environmental Sciences</i> , 2019, 85, 138-146.	6.1	22
23	TCDD promotes liver fibrosis through disordering systemic and hepatic iron homeostasis. <i>Journal of Hazardous Materials</i> , 2020, 395, 122588.	12.4	22
24	Current perspectives on the clinical implications of oxidative RNA damage in aging research: challenges and opportunities. <i>GeroScience</i> , 2021, 43, 487-505.	4.6	22
25	Ribosomal protein S7 regulates arsenite-induced GADD45A expression by attenuating MDM2-mediated GADD45A ubiquitination and degradation. <i>Nucleic Acids Research</i> , 2013, 41, 5210-5222.	14.5	21
26	Protein target identification and toxicological mechanism investigation of silver nanoparticles-induced hepatotoxicity by integrating proteomic and metallomic strategies. <i>Particle and Fibre Toxicology</i> , 2019, 16, 46.	6.2	20
27	Low-dose exposure to graphene oxide significantly increases the metal toxicity to macrophages by altering their cellular priming state. <i>Nano Research</i> , 2018, 11, 4111-4122.	10.4	19
28	Preliminary investigation on cytotoxicity of fluorinated polymer nanoparticles. <i>Journal of Environmental Sciences</i> , 2018, 69, 217-226.	6.1	19
29	LncRNA UCA1 Antagonizes Arsenite-Induced Cell Cycle Arrest through Destabilizing EZH2 and Facilitating NFATc2 Expression. <i>Advanced Science</i> , 2020, 7, 1903630.	11.2	19
30	Diagnostic significance of metallothionein members in recognizing cadmium exposure in various organs under low-dose exposure. <i>Chemosphere</i> , 2019, 229, 32-40.	8.2	17
31	Multihierarchically Profiling the Biological Effects of Various Metal-Based Nanoparticles in Macrophages under Low Exposure Doses. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10374-10384.	6.7	16
32	GADD45 \pm mediates arsenite-induced cell apoptotic effect in human hepatoma cells via JNKs/AP-1-dependent pathway. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 1264-1273.	2.6	15
33	A novel role of IKK β in the mediation of UVB-induced G0/G1 cell cycle arrest response by suppressing Cyclin D1 expression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 323-332.	4.1	14
34	Transcriptional repression of IKK β by p53 in arsenite-induced GADD45 \pm accumulation and apoptosis. <i>Oncogene</i> , 2019, 38, 731-746.	5.9	13
35	DOCK7 protects against replication stress by promoting RPA stability on chromatin. <i>Nucleic Acids Research</i> , 2021, 49, 3322-3337.	14.5	11
36	Silver Nanoparticles Compromise Female Embryonic Stem Cell Differentiation through Disturbing X Chromosome Inactivation. <i>ACS Nano</i> , 2019, 13, 2050-2061.	14.6	10

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37	USP13 regulates the replication stress response by deubiquitinating TopBP1. <i>DNA Repair</i> , 2021, 100, 103063.	2.8	10
38	m6A demethylation of cytidine deaminase APOBEC3B mRNA orchestrates arsenic-induced mutagenesis. <i>Journal of Biological Chemistry</i> , 2022, 298, 101563.	3.4	10
39	Hepassocin is required for hepatic outgrowth during zebrafish hepatogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 466-471.	2.1	8
40	The deubiquitinase USP7 regulates oxidative stress through stabilization of HO-1. <i>Oncogene</i> , 2022, 41, 4018-4027.	5.9	8
41	LncRNA MT1DP promotes cadmium-induced DNA replication stress by inhibiting chromatin recruitment of SMARCAL1. <i>Science of the Total Environment</i> , 2022, 807, 151078.	8.0	7
42	RNF19A-mediated ubiquitination of BARD1 prevents BRCA1/BARD1-dependent homologous recombination. <i>Nature Communications</i> , 2021, 12, 6653.	12.8	7
43	IKK β downregulation is critical for triggering JNKs-dependent cell apoptotic response in the human hepatoma cells under arsenite exposure. <i>Molecular and Cellular Biochemistry</i> , 2011, 358, 61-66.	3.1	3