

Wen-bin Liu

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,044
citations

361413

20
h-index

501196

28
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54
all docs

54
docs citations

54
times ranked

1408
citing authors

#	ARTICLE	IF	CITATIONS
1	The regulation of cellular apoptosis by the ROS-triggered PERK/EIF2 β /chop pathway plays a vital role in bisphenol A-induced male reproductive toxicity. <i>Toxicology and Applied Pharmacology</i> , 2017, 314, 98-108.	2.8	89
2	SOX30 Inhibits Tumor Metastasis through Attenuating Wnt-Signaling via Transcriptional and Posttranslational Regulation of β -Catenin in Lung Cancer. <i>EBioMedicine</i> , 2018, 31, 253-266.	6.1	42
3	Epigenetic Regulation of Sox30 Is Associated with Testis Development in Mice. <i>PLoS ONE</i> , 2014, 9, e97203.	2.5	41
4	TC2N, a novel oncogene, accelerates tumor progression by suppressing p53 signaling pathway in lung cancer. <i>Cell Death and Differentiation</i> , 2019, 26, 1235-1250.	11.2	41
5	Gene expression network regulated by DNA methylation and microRNA during microcystin-leucine arginine induced malignant transformation in human hepatocyte L02 cells. <i>Toxicology Letters</i> , 2018, 289, 42-53.	0.8	37
6	Low-dose and combined effects of oral exposure to bisphenol A and diethylstilbestrol on the male reproductive system in adult Sprague-Dawley rats. <i>Environmental Toxicology and Pharmacology</i> , 2016, 43, 94-102.	4.0	32
7	Dynamic changes in DNA methylation during multistep rat lung carcinogenesis induced by 3-methylcholanthrene and diethylnitrosamine. <i>Toxicology Letters</i> , 2009, 189, 5-13.	0.8	31
8	CpG island hypermethylation of multiple tumor suppressor genes associated with loss of their protein expression during rat lung carcinogenesis induced by 3-methylcholanthrene and diethylnitrosamine. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 507-514.	2.1	31
9	Epigenetic inactivation of LHX6 mediated microcystin-LR induced hepatocarcinogenesis via the Wnt/ β -catenin and P53 signaling pathways. <i>Environmental Pollution</i> , 2019, 252, 216-226.	7.5	29
10	Epigenetic silencing of <i>Aristaless4</i> -like homeobox, a potential tumor suppressor gene associated with lung cancer. <i>International Journal of Cancer</i> , 2014, 134, 1311-1322.	5.1	28
11	High expression of SOX30 is associated with favorable survival in human lung adenocarcinoma. <i>Scientific Reports</i> , 2015, 5, 13630.	3.3	28
12	PTBP1 promotes tumorigenesis by regulating apoptosis and cell cycle in colon cancer. <i>Bulletin Du Cancer</i> , 2018, 105, 1193-1201.	1.6	28
13	Overexpression of miR-26b-5p regulates the cell cycle by targeting CCND2 in GC-2 cells under exposure to extremely low frequency electromagnetic fields. <i>Cell Cycle</i> , 2016, 15, 357-367.	2.6	27
14	BPDE and B[a]P induce mitochondrial compromise by ROS-mediated suppression of the SIRT1/TERT/PGC-1 β pathway in spermatogenic cells both in vitro and in vivo. <i>Toxicology and Applied Pharmacology</i> , 2019, 376, 17-37.	2.8	27
15	Aberrant methylation accounts for cell adhesion-related gene silencing during 3-methylcholanthrene and diethylnitrosamine induced multistep rat lung carcinogenesis associated with overexpression of DNA methyltransferases 1 and 3a. <i>Toxicology and Applied Pharmacology</i> , 2011, 251, 70-78.	2.8	26
16	ALX4, an epigenetically down regulated tumor suppressor, inhibits breast cancer progression by interfering Wnt/ β -catenin pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 170.	8.6	24
17	Effect of 50%Hz Extremely Low-Frequency Electromagnetic Fields on the DNA Methylation and DNA Methyltransferases in Mouse Spermatocyte-Derived Cell Line GC-2. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	23
18	Epigenetic silencing of cell cycle regulatory genes during 3-methylcholanthrene and diethylnitrosamine-induced multistep rat lung cancer. <i>Molecular Carcinogenesis</i> , 2010, 49, 556-565.	2.7	22

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19	Molecular analysis of DNA repair gene methylation and protein expression during chemical-induced rat lung carcinogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 595-601.	2.1	22
20	SOX30 is a key regulator of desmosomal gene suppressing tumor growth and metastasis in lung adenocarcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 111.	8.6	22
21	Extremely Low-Frequency Electromagnetic Fields Affect the miRNA-Mediated Regulation of Signaling Pathways in the GC-2 Cell Line. <i>PLoS ONE</i> , 2015, 10, e0139949.	2.5	22
22	Bisphenol A induced male germ cell apoptosis via IFN γ -XAF1-XIAP pathway in adult mice. <i>Toxicology and Applied Pharmacology</i> , 2018, 355, 247-256.	2.8	21
23	Helper T Cells in Idiopathic Membranous Nephropathy. <i>Frontiers in Immunology</i> , 2021, 12, 665629.	4.8	21
24	Epigenetic silencing of ALX4 regulates microcystin-LR induced hepatocellular carcinoma through the P53 pathway. <i>Science of the Total Environment</i> , 2019, 683, 317-330.	8.0	19
25	Epigenetic Inactivation of SOX30 Is Associated with Male Infertility and Offers a Therapy Target for Non-obstructive Azoospermia. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 72-83.	5.1	19
26	Epigenetic regulation of ANKRD18B in lung cancer. <i>Molecular Carcinogenesis</i> , 2015, 54, 312-321.	2.7	18
27	ANKRD18A as a novel epigenetic regulation gene in lung cancer. <i>Biochemical and Biophysical Research Communications</i> , 2012, 429, 180-185.	2.1	17
28	Total alkaloids of <i>Tripterygium hypoglaucom</i> (levl.) Hutch inhibits tumor growth both in vitro and in vivo. <i>Journal of Ethnopharmacology</i> , 2014, 151, 292-298.	4.1	17
29	Identification of TC2N as a novel promising suppressor of PI3K-AKT signaling in breast cancer. <i>Cell Death and Disease</i> , 2019, 10, 424.	6.3	17
30	TMEM196 acts as a novel functional tumour suppressor inactivated by DNA methylation and is a potential prognostic biomarker in lung cancer. <i>Oncotarget</i> , 2015, 6, 21225-21239.	1.8	17
31	SOX30 specially prevents Wnt-signaling to suppress metastasis and improve prognosis of lung adenocarcinoma patients. <i>Respiratory Research</i> , 2018, 19, 241.	3.6	16
32	Tac2-N acts as a novel oncogene and promotes tumor metastasis via activation of NF- κ B signaling in lung cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 319.	8.6	16
33	Inhibition of PPAR α attenuates vimentin phosphorylation on Ser-83 and collapse of vimentin filaments during exposure of rat Sertoli cells in vitro to DBP. <i>Reproductive Toxicology</i> , 2014, 50, 11-18.	2.9	15
34	Predicting Norovirus in the United States Using Google Trends: Infodemiology Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e24554.	4.3	15
35	The Potential Role of Regulatory B Cells in Idiopathic Membranous Nephropathy. <i>Journal of Immunology Research</i> , 2020, 2020, 1-12.	2.2	15
36	A commercial Roundup $\text{\textcircled{R}}$ formulation induced male germ cell apoptosis by promoting the expression of XAF1 in adult mice. <i>Toxicology Letters</i> , 2018, 296, 163-172.	0.8	14

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37	LHX6, An Independent Prognostic Factor, Inhibits Lung Adenocarcinoma Progression through Transcriptional Silencing of β -catenin. <i>Journal of Cancer</i> , 2017, 8, 2561-2574.	2.5	13
38	MPDZ as a novel epigenetic silenced tumor suppressor inhibits growth and progression of lung cancer through the Hippo-YAP pathway. <i>Oncogene</i> , 2021, 40, 4468-4485.	5.9	12
39	SOX30 is a prognostic biomarker and chemotherapeutic indicator for advanced-stage ovarian cancer. <i>Endocrine-Related Cancer</i> , 2019, 26, 303-319.	3.1	11
40	Copy number variations and expression of MPDZ are prognostic biomarkers for clear cell renal cell carcinoma. <i>Oncotarget</i> , 2017, 8, 78713-78725.	1.8	10
41	Effects of Low-Dose Diethylstilbestrol Exposure on DNA Methylation in Mouse Spermatocytes. <i>PLoS ONE</i> , 2015, 10, e0143143.	2.5	8
42	Diagnostic and prognostic value of the BEX family in lung adenocarcinoma. <i>Oncology Letters</i> , 2019, 18, 5523-5533.	1.8	8
43	Effect of Mahuang Fuzi and Shenzhuo Decoction on Idiopathic Membranous Nephropathy: A Multicenter, Nonrandomized, Single-Arm Clinical Trial. <i>Frontiers in Pharmacology</i> , 2021, 12, 724744.	3.5	7
44	Course monitoring of membranous nephropathy: Both autoantibodies and podocytes require multidimensional attention. <i>Autoimmunity Reviews</i> , 2022, 21, 102976.	5.8	7
45	Association between Genetic Polymorphisms of DNA Repair Genes and Chromosomal Damage for 1,3-Butadiene-Exposed Workers in a Matched Study in China. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	6
46	Numerical analysis of quench in coated conductors with defects. <i>AIP Advances</i> , 2016, 6, .	1.3	6
47	Epigenetic silencing of TET1 mediated hydroxymethylation of base excision repair pathway during lung carcinogenesis. <i>Environmental Pollution</i> , 2021, 268, 115860.	7.5	6
48	DNA methylation and hydroxymethylation associated with gene expression regulatory network during 3-methylcholanthrene induced lung cell malignant transformation. <i>Science of the Total Environment</i> , 2021, 771, 144839.	8.0	6
49	TET1 mediated male reproductive toxicity induced by Bisphenol A through Catsper-Ca ²⁺ signaling pathway. <i>Environmental Pollution</i> , 2022, 296, 118739.	7.5	5
50	Gene expression network related to DNA methylation and miRNA regulation during the process of aflatoxin B ₁ -induced malignant transformation of L02 cells. <i>Journal of Applied Toxicology</i> , 2022, 42, 475-489.	2.8	4
51	Exploring the Differences in Molecular Mechanisms and Key Biomarkers Between Membranous Nephropathy and Lupus Nephritis Using Integrated Bioinformatics Analysis. <i>Frontiers in Genetics</i> , 2021, 12, 770902.	2.3	4
52	Identification of SRY-box 30 as an age-related essential gatekeeper for male germ cell meiosis and differentiation. <i>Aging Cell</i> , 2021, 20, e13343.	6.7	2