

Lihong Yin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

106
papers

1,470
citations

22
h-index

31
g-index

115
ext. papers

1,954
ext. citations

5.5
avg, IF

4.84
L-index

#	Paper	IF	Citations
106	The dysregulation of unsaturated fatty acid-based metabolomics in the MNNG-induced malignant transformation of Het-1A cells.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
105	Evi1 involved in benzene-induced hematotoxicity via modulation of PI3K/mTOR pathway and negative regulation Serpinb2.. <i>Chemico-Biological Interactions</i> , 2022 , 109836	5	0
104	Multiple pathways for the anaerobic biodegradation of microcystin-LR in the enriched microbial communities from Lake Taihu.. <i>Environmental Pollution</i> , 2022 , 297, 118787	9.3	0
103	Hearing loss and hypertension among noise-exposed workers: a pilot study based on baseline data.. <i>International Journal of Environmental Health Research</i> , 2022 , 1-13	3.6	
102	Hematological effects of glyphosate in mice revealed by traditional toxicology and transcriptome sequencing.. <i>Environmental Toxicology and Pharmacology</i> , 2022 , 92, 103866	5.8	0
101	Metabolomics Analysis Reveals Alterations in Cochlear Metabolic Profiling in Mice with Noise-Induced Hearing Loss. <i>BioMed Research International</i> , 2022 , 2022, 1-15	3	
100	LincRNA-p21 promotes p21-mediated cell cycle arrest in benzene-induced hematotoxicity by sponging miRNA-17-5p.. <i>Environmental Pollution</i> , 2021 , 296, 118706	9.3	1
99	Dysregulation of fatty acid metabolism associated with esophageal inflammation of ICR mice induced by nitrosamines exposure.. <i>Environmental Pollution</i> , 2021 , 297, 118680	9.3	0
98	Removal of microcystins from water and primary treatment technologies - A comprehensive understanding based on bibliometric and content analysis, 1991-2020.. <i>Journal of Environmental Management</i> , 2021 , 305, 114349	7.9	0
97	N6-methyladenosine RNA modification and its interaction with regulatory non-coding RNAs in colorectal cancer. <i>RNA Biology</i> , 2021 , 1-11	4.8	2
96	Time series analysis of short-term effects of particulate matter pollution on the circulatory system disease mortality risk in Lishui District, China. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
95	Immunosuppression characterized by increased Treg cell and IL-10 levels in benzene-induced hematopoietic toxicity mouse model. <i>Toxicology</i> , 2021 , 464, 152990	4.4	4
94	Study on the reproductive toxicity and mechanism of tri-n-butyl phosphate (TnBP) in <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021 , 227, 112896	7	2
93	In vitro evaluation of nanoplastics using human lung epithelial cells, microarray analysis and co-culture model. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 226, 112837	7	8
92	A functional SNP in miR-625-5p binding site of AKT2 3'UTR is associated with noise-induced hearing loss susceptibility in the Chinese population. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 40782-40792	5.1	2
91	Lipidomic analysis reveals disturbances in glycerophospholipid and sphingolipid metabolic pathways in benzene-exposed mice. <i>Toxicology Research</i> , 2021 , 10, 706-718	2.6	1
90	Infection with Human Papillomavirus 18 Promotes Alkylating Agent-Induced Malignant Transformation in a Human Esophageal Cell Line. <i>Chemical Research in Toxicology</i> , 2021 , 34, 1866-1878	4	0

89	Preliminary study on impacts of polystyrene microplastics on the hematological system and gene expression in bone marrow cells of mice. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 218, 112296	7	5
88	Plasma metabolomic profiling in workers with noise-induced hearing loss: a pilot study. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	2
87	CARD8 polymorphism rs2043211 protects against noise-induced hearing loss by causing the dysfunction of CARD8 protein. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 8626-8636	5.1	3
86	Environmental toxicology wars: Organ-on-a-chip for assessing the toxicity of environmental pollutants. <i>Environmental Pollution</i> , 2021 , 268, 115861	9.3	14
85	Synergism of HPV and MNNG repress miR-218 promoting Het-1A cell malignant transformation by targeting GAB2. <i>Toxicology</i> , 2021 , 447, 152635	4.4	2
84	Toxicity in hematopoietic stem cells from bone marrow and peripheral blood in mice after benzene exposure: Single-cell transcriptome sequencing analysis. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 207, 111490	7	12
83	Male reproductive toxicity involved in spermatogenesis induced by perfluorooctane sulfonate and perfluorooctanoic acid in <i>Caenorhabditis elegans</i> . <i>Environmental Science and Pollution Research</i> , 2021 , 28, 1443-1453	5.1	6
82	Short-term effect of fine particulate matter and ozone on non-accidental mortality and respiratory mortality in Lishui district, China. <i>BMC Public Health</i> , 2021 , 21, 1661	4.1	3
81	Smart Catalyzed Hairpin Assembly-Induced DNAzyme Nanosystem for Intracellular UDG Imaging. <i>Analytical Chemistry</i> , 2021 , 93, 13687-13693	7.8	5
80	Integrating transcriptomics and behavior tests reveals how the <i>C. elegans</i> responds to copper induced aging. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 222, 112494	7	0
79	Application of the Dimeric G-Quadruplex and toehold-mediated strand displacement reaction for fluorescence biosensing of ochratoxin A. <i>Biosensors and Bioelectronics</i> , 2021 , 192, 113537	11.8	2
78	Trans-generational effects of copper on nerve damage in <i>Caenorhabditis elegans</i> . <i>Chemosphere</i> , 2021 , 284, 131324	8.4	3
77	Nanomaterials-induced toxicity on cardiac myocytes and tissues, and emerging toxicity assessment techniques. <i>Science of the Total Environment</i> , 2021 , 800, 149584	10.2	1
76	Metabolomics-based molecular signatures reveal the toxic effect of co-exposure to nitrosamines in drinking water. <i>Environmental Research</i> , 2021 , 204, 111997	7.9	3
75	TMT-Based Quantitative Proteomics Reveals Cochlear Protein Profile Alterations in Mice with Noise-Induced Hearing Loss.. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 19,	4.6	1
74	l-Carnitine protects against 1,4-benzoquinone-induced apoptosis and DNA damage by suppressing oxidative stress and promoting fatty acid oxidation in K562 cells. <i>Environmental Toxicology</i> , 2020 , 35, 1033-1042	4.2	1
73	Urinary exposure of N-nitrosamines and associated risk of esophageal cancer in a high incidence area in China. <i>Science of the Total Environment</i> , 2020 , 738, 139713	10.2	8
72	Effects of Microcystin-LR on Metabolic Functions and Structure Succession of Sediment Bacterial Community under Anaerobic Conditions. <i>Toxins</i> , 2020 , 12,	4.9	8

71	Expression of long non-coding RNA SFTA1P and its function in non-small cell lung cancer. <i>Pathology Research and Practice</i> , 2020 , 216, 153049	3.4	1
70	Dimeric artesunate phospholipid-conjugated liposomes as promising anti-inflammatory therapy for rheumatoid arthritis. <i>International Journal of Pharmaceutics</i> , 2020 , 579, 119178	6.5	13
69	A complete route for biodegradation of potentially carcinogenic cyanotoxin microcystin-LR in a novel indigenous bacterium. <i>Water Research</i> , 2020 , 174, 115638	12.5	50
68	PTP4A3, A Novel Target Gene of HIF-1alpha, Participates in Benzene-Induced Cell Proliferation Inhibition and Apoptosis through PI3K/AKT Pathway. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	2
67	Molecular characterization of lung cancer: A two-miRNA prognostic signature based on cancer stem-like cells related genes. <i>Journal of Cellular Biochemistry</i> , 2020 , 121, 2889-2900	4.7	6
66	Benzene exposure induces gut microbiota dysbiosis and metabolic disorder in mice. <i>Science of the Total Environment</i> , 2020 , 705, 135879	10.2	17
65	Synergistic Carcinogenesis of HPV18 and MNNG in Het-1A Cells through p62-KEAP1-NRF2 and PI3K/AKT/mTOR Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 6352876	6.7	2
64	Distribution of N-nitrosamines in drinking water and human urinary excretions in high incidence area of esophageal cancer in HuaiShan, China. <i>Chemosphere</i> , 2019 , 235, 288-296	8.4	27
63	Prodigiosin induces apoptosis and inhibits autophagy via the extracellular signal-regulated kinase pathway in K562 cells. <i>Toxicology in Vitro</i> , 2019 , 60, 107-115	3.6	13
62	Expression of miR-486-5p and its significance in lung squamous cell carcinoma. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 13912-13923	4.7	9
61	Identification of Cancer Stem Cell Molecular Markers and Effects of hsa-miR-21-3p on Stemness in Esophageal Squamous Cell Carcinoma. <i>Cancers</i> , 2019 , 11,	6.6	17
60	Intergenerational reproductive toxicity of chlordecone in male <i>Caenorhabditis elegans</i> . <i>Environmental Science and Pollution Research</i> , 2019 , 26, 11279-11287	5.1	5
59	Molecular characterization of lung adenocarcinoma: A potential four-long noncoding RNA prognostic signature. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 705-714	4.7	24
58	In situ biosynthesized gold nanoclusters inhibiting cancer development via the PI3K-AKT signaling pathway. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5336-5344	7.3	9
57	leads to G1 arrest by p53 pathway in esophageal squamous cell carcinoma. <i>Cancer Management and Research</i> , 2019 , 11, 6201-6214	3.6	19
56	Glutathione Induced Transformation of Partially Hollow Gold-Silver Nanocages for Cancer Diagnosis and Photothermal Therapy. <i>Small</i> , 2019 , 15, e1902755	11	17
55	An overview of research trends and genetic polymorphisms for noise-induced hearing loss from 2009 to 2018. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 34754-34774	5.1	17
54	Aggregation: Glutathione Induced Transformation of Partially Hollow Gold-Silver Nanocages for Cancer Diagnosis and Photothermal Therapy (Small 35/2019). <i>Small</i> , 2019 , 15, 1970188	11	

53	Integrated analysis of two-lncRNA signature as a potential prognostic biomarker in cervical cancer: a study based on public database. <i>PeerJ</i> , 2019 , 7, e6761	3.1	16
52	Overexpression of HIF-1 α could partially protect K562 cells from 1,4-benzoquinone induced toxicity by inhibiting ROS, apoptosis and enhancing glycolysis. <i>Toxicology in Vitro</i> , 2019 , 55, 18-23	3.6	26
51	Di (2-ethylhexyl) phthalate-induced reproductive toxicity involved in dna damage-dependent oocyte apoptosis and oxidative stress in <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018 , 163, 298-306	7	59
50	Real-Time Multimodal Bioimaging of Cancer Cells and Exosomes through Biosynthesized Iridium and Iron Nanoclusters. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 26056-26063	9.5	34
49	Molecular mechanism for miR-350 in regulating of titanium dioxide nanoparticles in macrophage RAW264.7 cells. <i>Chemico-Biological Interactions</i> , 2018 , 280, 77-85	5	18
48	miR-144/451 cluster plays an oncogenic role in esophageal cancer by inhibiting cell invasion. <i>Cancer Cell International</i> , 2018 , 18, 184	6.4	15
47	Global Identification of HIF-1 α Target Genes in Benzene Poisoning Mouse Bone Marrow Cells. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	2
46	Further Understanding of Degradation Pathways of Microcystin-LR by an Indigenous sp. in Environmentally Relevant Pollution Concentrations. <i>Toxins</i> , 2018 , 10,	4.9	14
45	Trends in hepatocellular carcinoma research from 2008 to 2017: a bibliometric analysis. <i>PeerJ</i> , 2018 , 6, e5477	3.1	22
44	Improving the fluorometric determination of the cancer biomarker 8-hydroxy-2Sdeoxyguanosine by using a 3D DNA nanomachine. <i>Mikrochimica Acta</i> , 2018 , 185, 494	5.8	17
43	Plasma metabonomics investigation reveals involvement of fatty acid oxidation in hematotoxicity in Chinese benzene-exposed workers with low white blood cell count. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 32506-32514	5.1	9
42	Systematic analyses of a novel lncRNA-associated signature as the prognostic biomarker for Hepatocellular Carcinoma. <i>Cancer Medicine</i> , 2018 , 7, 3240	4.8	25
41	Acetyl-l-carnitine partially prevents benzene-induced hematotoxicity and oxidative stress in C3H/He mice. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 51, 108-113	5.8	15
40	Identification of extracellular matrix protein 1 as a potential plasma biomarker of ESCC by proteomic analysis using iTRAQ and 2D-LC-MS/MS. <i>Proteomics - Clinical Applications</i> , 2017 , 11, 1600163	3.1	11
39	Differential expression profiles of microRNAs as potential biomarkers for the early diagnosis of lung cancer. <i>Oncology Reports</i> , 2017 , 37, 3543-3553	3.5	42
38	Dysregulated lncRNA-UCA1 contributes to the progression of gastric cancer through regulation of the PI3K-Akt-mTOR signaling pathway. <i>Oncotarget</i> , 2017 , 8, 93476-93491	3.3	49
37	A Novel and Native Microcystin-Degrading Bacterium of <i>Sphingopyxis</i> sp. Isolated from Lake Taihu. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	18
36	A label-free ultrasensitive assay of 8-hydroxy-2Sdeoxyguanosine in human serum and urine samples via polyaniline deposition and tetrahedral DNA nanostructure. <i>Analytica Chimica Acta</i> , 2016 , 946, 48-55	6.6	23

35	Possible tumor suppressive role of the miR-144/451 cluster in esophageal carcinoma as determined by principal component regression analysis. <i>Molecular Medicine Reports</i> , 2016 , 14, 3805-13	2.9	24
34	Involvement of hypoxia-inducible factor-1 (HIF-1 α) in inhibition of benzene on mouse hematopoietic system. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016 , 79, 402-6	3.2	9
33	MicroRNA-1228(*) inhibit apoptosis in A549 cells exposed to fine particulate matter. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 10103-13	5.1	22
32	lncRNA UCA1 inhibits esophageal squamous-cell carcinoma growth by regulating the Wnt signaling pathway. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016 , 79, 407-18	3.2	43
31	Role of microRNA-4516 involved autophagy associated with exposure to fine particulate matter. <i>Oncotarget</i> , 2016 , 7, 45385-45397	3.3	28
30	Inhibition of Glucose-6-Phosphate Dehydrogenase Could Enhance 1,4-Benzoquinone-Induced Oxidative Damage in K562 Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 3912515	6.7	9
29	Benzene Exposure Alters Expression of Enzymes Involved in Fatty Acid Oxidation in Male C3H/He Mice. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	17
28	The Use of the Nematode <i>Caenorhabditis elegans</i> to Evaluate the Adverse Effects of Epoxiconazole Exposure on Spermatogenesis. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	5
27	Chiroplasmonic Assemblies of Gold Nanoparticles for Ultrasensitive Detection of 8-Hydroxy-2-Deoxyguanosine in Human Serum Sample. <i>Analytical Chemistry</i> , 2016 , 88, 6509-14	7.8	38
26	Differential expression profiles of long non-coding RNAs reveal potential biomarkers for identification of human gastric cancer. <i>Oncology Reports</i> , 2016 , 35, 1529-40	3.5	24
25	A study on phthalate metabolites, bisphenol A and nonylphenol in the urine of Chinese women with unexplained recurrent spontaneous abortion. <i>Environmental Research</i> , 2016 , 150, 622-628	7.9	44
24	<i>Caenorhabditis elegans</i> as a useful model to assess the effect of spermiogenesis induced by three teratogens. <i>Molecular and Cellular Toxicology</i> , 2015 , 11, 241-246	1.6	
23	MicroRNA-125b may function as an oncogene in lung cancer cells. <i>Molecular Medicine Reports</i> , 2015 , 11, 3880-7	2.9	15
22	Altered Expression of Genes in Signaling Pathways Regulating Proliferation of Hematopoietic Stem and Progenitor Cells in Mice with Subchronic Benzene Exposure. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 9298-313	4.6	12
21	Overexpression of G6PD and HSP90 Beta in Mice with Benzene Exposure Revealed by Serum Peptidome Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 11241-53	4.6	4
20	Effects of Microcystin-LR Exposure on Spermiogenesis in Nematode <i>Caenorhabditis elegans</i> . <i>International Journal of Molecular Sciences</i> , 2015 , 16, 22927-37	6.3	6
19	Benzene-Induced Aberrant miRNA Expression Profile in Hematopoietic Progenitor Cells in C57BL/6 Mice. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 27058-71	6.3	22
18	Epigenetic Repression of miR-218 Promotes Esophageal Carcinogenesis by Targeting ROBO1. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 27781-95	6.3	13

17	Electrospun polymer nanofibres as solid-phase extraction sorbents for extraction and quantification of microcystins. <i>Environmental Technology (United Kingdom)</i> , 2015 , 36, 2796-802	2.6	5
16	Rapid and sensitive suspension array for multiplex detection of organophosphorus pesticides and carbamate pesticides based on silica-hydrogel hybrid microbeads. <i>Journal of Hazardous Materials</i> , 2014 , 273, 287-92	12.8	19
15	Label-free and rapid colorimetric detection of DNA damage based on self-assembly of a hemin-graphene nanocomposite. <i>Mikrochimica Acta</i> , 2014 , 181, 1557-1563	5.8	9
14	Fabricating a reversible and regenerable electrochemical biosensor for quantitative detection of antibody by using "triplex-stem" DNA molecular switch. <i>Analytica Chimica Acta</i> , 2014 , 845, 38-44	6.6	10
13	Neurotoxic evaluation of two organobromine model compounds and natural AOB _r -containing surface water samples by a <i>Caenorhabditis elegans</i> test. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 104, 194-201	7	20
12	Prediction of binding affinities of PCDDs, PCDFs and PCBs using docking-based Comparative Molecular Similarity Indices Analysis. <i>Environmental Toxicology and Pharmacology</i> , 2014 , 38, 1-7	5.8	5
11	Aberrant production of Th1/Th2/Th17-related cytokines in serum of C57BL/6 mice after short-term formaldehyde exposure. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 10036-50	4.6	15
10	Small molecule metabolite biomarker candidates in urine from mice exposed to formaldehyde. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 16458-68	6.3	5
9	Microcystin-degrading activity of an indigenous bacterial strain <i>Stenotrophomonas acidaminiphila</i> MC-LTH2 isolated from Lake Taihu. <i>PLoS ONE</i> , 2014 , 9, e86216	3.7	33
8	Analysis of Five Earthy-Musty Odorants in Environmental Water by HS-SPME/GC-MS. <i>International Journal of Analytical Chemistry</i> , 2014 , 2014, 697260	1.4	14
7	Cyanobacterial xenobiotics as evaluated by a <i>Caenorhabditis elegans</i> neurotoxicity screening test. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 4589-606	4.6	23
6	Effects of Nano-MnO ₂ on dopaminergic neurons and the spatial learning capability of rats. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 7918-30	4.6	25
5	Expression profiling of exosomal miRNAs derived from human esophageal cancer cells by Solexa high-throughput sequencing. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 15530-51	6.3	60
4	Investigation into variation of endogenous metabolites in bone marrow cells and plasma in C3H/He mice exposed to benzene. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 4994-5010	6.3	19
3	Systemic immune effects of titanium dioxide nanoparticles after repeated intratracheal instillation in rat. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 6961-73	6.3	30
2	miRNA-183 suppresses apoptosis and promotes proliferation in esophageal cancer by targeting PDCD4. <i>Molecules and Cells</i> , 2014 , 37, 873-80	3.5	50
1	Geographical and seasonal patterns of geosmin and 2-methylisoborneol in environmental water in Jiangsu province of China. <i>Journal of Analytical Methods in Chemistry</i> , 2014 , 2014, 743924	2	7