

Ran Liu

List of Publications by Year in descending order

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85
papers

2,541
citations

186209

28
h-index

223716

46
g-index

86
all docs

86
docs citations

86
times ranked

3879
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Bandwidth White-Light System Combining a Micro-LED with Perovskite Quantum Dots for Visible Light Communication. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 5641-5648.	4.0	194
2	Exosome-shuttling microRNA-21 promotes cell migration and invasion-targeting PDCD4 in esophageal cancer. <i>International Journal of Oncology</i> , 2016, 48, 2567-2579.	1.4	125
3	The Cluster of miR-143 and miR-145 Affects the Risk for Esophageal Squamous Cell Carcinoma through Co-Regulating Fascin Homolog 1. <i>PLoS ONE</i> , 2012, 7, e33987.	1.1	100
4	Melatonin enhances DNA repair capacity possibly by affecting genes involved in DNA damage responsive pathways. <i>BMC Cell Biology</i> , 2013, 14, 1.	3.0	95
5	Metabolic engineering of fatty acyl-ACP reductase-dependent pathway to improve fatty alcohol production in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2014, 22, 10-21.	3.6	95
6	Differential expression profiles of microRNAs as potential biomarkers for the early diagnosis of esophageal squamous cell carcinoma. <i>Oncology Reports</i> , 2013, 29, 169-176.	1.2	86
7	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.	2.9	84
8	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, 15530-15551.	1.8	74
9	Small-Sized Titanium Dioxide Nanoparticles Mediate Immune Toxicity in Rat Pulmonary Alveolar Macrophages <I>In Vivo</I>. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 5161-5169.	0.9	73
10	Circulating miR-155 Expression in Plasma: A Potential Biomarker for Early Diagnosis of Esophageal Cancer in Humans. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 1154-1162.	1.1	69
11	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.	3.7	65
12	Tumor-Suppressive Function of miR-139-5p in Esophageal Squamous Cell Carcinoma. <i>PLoS ONE</i> , 2013, 8, e77068.	1.1	62
13	miRNA-183 Suppresses Apoptosis and Promotes Proliferation in Esophageal Cancer by Targeting PDCD4. <i>Molecules and Cells</i> , 2014, 37, 873-880.	1.0	56
14	Neurotoxicological evaluation of microcystin-LR exposure at environmental relevant concentrations on nematode <i>Caenorhabditis elegans</i> . <i>Environmental Science and Pollution Research</i> , 2013, 20, 1823-1830.	2.7	55
15	Exposure to MPA-capped CdTe quantum dots causes reproductive toxicity effects by affecting oogenesis in nematode <i>Caenorhabditis elegans</i> . <i>Ecotoxicology and Environmental Safety</i> , 2019, 173, 54-62.	2.9	54
16	Dysbiosis of gut microbiota in patients with esophageal cancer. <i>Microbial Pathogenesis</i> , 2021, 150, 104709.	1.3	51
17	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, 407-418.	1.1	50
18	Identification of Plasma Metabolomic Profiling for Diagnosis of Esophageal Squamous-Cell Carcinoma Using an UPLC/TOF/MS Platform. <i>International Journal of Molecular Sciences</i> , 2013, 14, 8899-8911.	1.8	49

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19	miR-93-5p Transferred by Exosomes Promotes the Proliferation of Esophageal Cancer Cells via Intercellular Communication by Targeting PTEN. <i>Biomedical and Environmental Sciences</i> , 2018, 31, 171-185.	0.2	47
20	3 β -Hydroxysteroid dehydrogenase expressed by gut microbes degrades testosterone and is linked to depression in males. <i>Cell Host and Microbe</i> , 2022, 30, 329-339.e5.	5.1	45
21	Chlorpyrifos exposure reduces reproductive capacity owing to a damaging effect on gametogenesis in the nematode <i>Caenorhabditis elegans</i> . <i>Journal of Applied Toxicology</i> , 2012, 32, 527-535.	1.4	40
22	Distribution of N-nitrosamines in drinking water and human urinary excretions in high incidence area of esophageal cancer in Huai'an, China. <i>Chemosphere</i> , 2019, 235, 288-296.	4.2	39
23	Nanowire-seeded Growth of Single-crystalline (010) Ga_2O_3 Nanosheets with High Field-effect Electron Mobility and On/Off Current Ratio. <i>Small</i> , 2019, 15, e1900580.	5.2	38
24	Targetome profiling and functional genetics implicate miR-618 in lymphomagenesis. <i>Epigenetics</i> , 2014, 9, 730-737.	1.3	37
25	LincRNA-ROR promotes metastasis and invasion of esophageal squamous cell carcinoma by regulating miR-145/FSCN1. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 639-649.	1.0	37
26	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, 3805-3813.	1.1	31
27	Reduced Expression of Human DNA Repair Genes in Esophageal Squamous-Cell Carcinoma in China. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2007, 70, 956-963.	1.1	30
28	LincRNA-p21 leads to G1 arrest by p53 pathway in esophageal squamous cell carcinoma. <i>Cancer Management and Research</i> , 2019, Volume 11, 6201-6214.	0.9	30
29	Serum Trace Elements in Patients With Polycystic Ovary Syndrome: A Systematic Review and Meta-Analysis. <i>Frontiers in Endocrinology</i> , 2020, 11, 572384.	1.5	28
30	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.	3.9	27
31	Effect of Zn doping on the antiferromagnetism in kagome Cu_4O_4 . <i>Physical Review B</i> , 2018, 98, .	1.5	25
32	Regulation of Microcystin-LR-Induced DNA Damage by miR-451a in HL7702 Cells. <i>Toxins</i> , 2019, 11, 164.	1.5	25
33	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, 518.	1.7	25
34	Non-targeted metabolomic profiling of atrazine in <i>Caenorhabditis elegans</i> using UHPLC-QE Orbitrap/MS. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111170.	2.9	25
35	Esophageal Cancer-Derived Extracellular Vesicle miR-21-5p Contributes to EMT of ESCC Cells by Disorganizing Macrophage Polarization. <i>Cancers</i> , 2021, 13, 4122.	1.7	24
36	LincROR regulates apoptosis in esophageal squamous cell carcinoma via modulation of p53 ubiquitination by targeting miR-204-5p/MDM2. <i>Journal of Cellular Physiology</i> , 2020, 235, 2325-2335.	2.0	23

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37	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, 287-292.	6.5	22
38	Selenium-enriched probiotics improve hepatic protection by regulating pro-inflammatory cytokines and antioxidant capacity in broilers under heat stress conditions. <i>Journal of Advanced Veterinary and Animal Research</i> , 2019, 6, 355.	0.5	22
39	The Immune Toxicity of Titanium Dioxide on Primary Pulmonary Alveolar Macrophages Relies on their Surface Area and Crystal Structure. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 8491-8499.	0.9	21
40	Functional Alterations in the Glutathione-S-Transferase Family Associated with Enhanced Occurrence of Esophageal Carcinoma in China. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010, 73, 471-482.	1.1	21
41	Variants in Homologous Recombination Genes <i>EXO1</i> and <i>RAD51</i> Related with Premature Ovarian Insufficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3566-e3574.	1.8	21
42	Transgenerational reproductive and developmental toxicity of tebuconazole in <i>Caenorhabditis elegans</i> . <i>Journal of Applied Toxicology</i> , 2020, 40, 578-591.	1.4	21
43	Seasonal variability of the correlation network of antibiotics, antibiotic resistance determinants, and bacteria in a wastewater treatment plant and receiving water. <i>Journal of Environmental Management</i> , 2022, 317, 115362.	3.8	21
44	miR-144/451 cluster plays an oncogenic role in esophageal cancer by inhibiting cell invasion. <i>Cancer Cell International</i> , 2018, 18, 184.	1.8	20
45	Associations of plasma multiple metals with risk of hyperuricemia: A cross-sectional study in a mid-aged and older population of China. <i>Chemosphere</i> , 2022, 287, 132305.	4.2	20
46	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.	2.7	19
47	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.	0.8	17
48	Epigenetic Repression of miR-218 Promotes Esophageal Carcinogenesis by Targeting ROBO1. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27781-27795.	1.8	16
49	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.	2.9	16
50	34.5 m Underwater optical wireless communication with 2.70 Gbps data rate based on a green laser with NRZ-OOK modulation. , 2017, , .		15
51	Difference Between Signet Ring Cell Gastric Cancers and Non-Signet Ring Cell Gastric Cancers: A Systematic Review and Meta-Analysis. <i>Frontiers in Oncology</i> , 2021, 11, 618477.	1.3	15
52	Intergenerational reproductive toxicity of chlordecone in male <i>Caenorhabditis elegans</i> . <i>Environmental Science and Pollution Research</i> , 2019, 26, 11279-11287.	2.7	14
53	Reproductive toxicity and underlying mechanisms of di(2-ethylhexyl) phthalate in nematode <i>Caenorhabditis elegans</i> . <i>Journal of Environmental Sciences</i> , 2021, 105, 1-10.	3.2	14
54	Trans-generational effects of copper on nerve damage in <i>Caenorhabditis elegans</i> . <i>Chemosphere</i> , 2021, 284, 131324.	4.2	14

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55	Experimental demonstration of non-line-of-sight visible light communication with different reflecting materials using a GaN-based micro-LED and modified IEEE 802.11ac. <i>AIP Advances</i> , 2018, 8, .	0.6	13
56	Machine Learning-Based Approaches for Prediction of Patients's Functional Outcome and Mortality after Spontaneous Intracerebral Hemorrhage. <i>Journal of Personalized Medicine</i> , 2022, 12, 112.	1.1	13
57	Predicting venous thromboembolism in hospitalized trauma patients: a combination of the Caprini score and data-driven machine learning model. <i>BMC Emergency Medicine</i> , 2021, 21, 60.	0.7	12
58	Association Between Gene Expression of Metabolizing Enzymes and Esophageal Squamous Cell Carcinomas in China. <i>Genetic Testing and Molecular Biomarkers</i> , 2012, 16, 1211-1217.	0.3	11
59	Heptaplex PCR melting curve analysis for rapid detection of plasmid-mediated AmpC β -lactamase genes. <i>Journal of Microbiological Methods</i> , 2015, 110, 1-6.	0.7	11
60	Association of combined CYP2E1 gene polymorphism with the risk for esophageal squamous cell carcinoma in Huai'an population, China. <i>Chinese Medical Journal</i> , 2007, 120, 1797-802.	0.9	11
61	Expression Profiling after Induction of Demethylation in MCF-7 Breast Cancer Cells Identifies Involvement of TNF- α Mediated Cancer Pathways. <i>Molecules and Cells</i> , 2012, 33, 127-134.	1.0	10
62	Metabolomics-based molecular signatures reveal the toxic effect of co-exposure to nitrosamines in drinking water. <i>Environmental Research</i> , 2022, 204, 111997.	3.7	10
63	Identification of tissue-specific microbial profile of esophageal squamous cell carcinoma by full-length 16S rDNA sequencing. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 3215-3229.	1.7	10
64	Effects of Microcystin-LR Exposure on Spermiogenesis in Nematode <i>Caenorhabditis elegans</i> . <i>International Journal of Molecular Sciences</i> , 2015, 16, 22927-22937.	1.8	9
65	Green-amber emission from high indium content InGaN quantum wells improved by interface modification of semipolar (11 $\bar{2}$),2 GaN templates. <i>CrystEngComm</i> , 2019, 21, 244-250.	1.3	8
66	Association of gut microbiomes with lung and esophageal cancer: a pilot study. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 128.	1.7	8
67	Exposure to Heavy Metals and Allergic Outcomes in Children: a Systematic Review and Meta-analysis. <i>Biological Trace Element Research</i> , 2022, 200, 4615-4631.	1.9	8
68	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, 993.	1.2	7
69	Improved semipolar green InGaN/GaN quantum wells on asymmetrically grown (11 $\bar{2}$),2 GaN templates and their correlations. <i>CrystEngComm</i> , 2018, 20, 2053-2059.	1.3	7
70	Occurrence, Distribution, and Potential Role of Bacteria and Human Pathogens in Livestock Manure and Digestate: Insights from Guangxi, China. <i>Environmental Engineering Science</i> , 2021, 38, 990-1000.	0.8	7
71	Variation analysis of the TMEM150B gene in Chinese women with premature ovarian insufficiency. <i>Reproductive BioMedicine Online</i> , 2019, 38, 407-412.	1.1	6
72	Novel-miR-4885 Promotes Migration and Invasion of Esophageal Cancer Cells Through Targeting CTNNA2. <i>DNA and Cell Biology</i> , 2019, 38, 151-161.	0.9	6

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73	Indium oxide nanoparticles induce lung intercellular toxicity between bronchial epithelial cells and macrophages. <i>Journal of Applied Toxicology</i> , 2020, 40, 1636-1646.	1.4	6
74	Synergism of HPV and MNNG repress miR-218 promoting Het-1A cell malignant transformation by targeting GAB2. <i>Toxicology</i> , 2021, 447, 152635.	2.0	6
75	Predictive Value of Circulating microRNA-134 Levels for Early Diagnosis of Acute Pulmonary Embolism: Meta-analysis. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 744-753.	1.1	5
76	Semipolar (112Å ²) GaN Films Improved by in situ SiN _x Pretreatment of Sapphire Substrate Surface. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1900001.	0.8	3
77	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.	1.7	2
78	Multicolor Melting Curve Analysis-Based Multilocus Melt Typing of <i>Vibrio parahaemolyticus</i> . <i>PLoS ONE</i> , 2015, 10, e0136998.	1.1	2
79	Prognostic value of microvessel density in esophageal squamous cell carcinoma-a systematic review and meta-analysis. <i>Pathology Research and Practice</i> , 2021, 227, 153644.	1.0	2
80	Sellar Region Lesions and Intracranial Aneurysms in the Era of Endoscopic Endonasal Approach. <i>Frontiers in Endocrinology</i> , 2021, 12, 802426.	1.5	2
81	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, 29, 30159-30168.	2.7	2
82	Neurotoxicity Evaluation of Chlorpyrifos Exposure with <i>Caenorhabditis elegans</i> . <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	1
83	High-throughput sequencing comparative analyses of bacterial communities and human pathogens during the mesophilic anaerobic fermentation of swine feces. <i>Environmental Technology and Innovation</i> , 2022, 27, 102405.	3.0	1
84	<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.	0.8	0
85	Identification and function of circular RNA hsa_circ_0071106: A novel biomarker for differentiation degree of esophageal squamous cell carcinoma. <i>Pathology Research and Practice</i> , 2022, 233, 153875.	1.0	0