# Yi-Guo Jiang

## List of Publications by Citations



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|---|---|---|---|
| 76 papers | 2,305 citations | 31 h-index | 46 g-index |
| 82 ext. papers | 2,777 ext. citations | 6.8 avg, IF | 5.01 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 76 | Circular RNA 100146 functions as an oncogene through direct binding to miR-361-3p and miR-615-5p in non-small cell lung cancer. *Molecular Cancer*, **2019**, 18, 13 | 42.1 | 146 |
| 75 | Circular RNA circSATB2 promotes progression of non-small cell lung cancer cells. *Molecular Cancer*, **2020**, 19, 101 | 42.1 | 87 |
| 74 | MicroRNA-200b targets protein kinase C□and suppresses triple-negative breast cancer metastasis. *Carcinogenesis*, **2014**, 35, 2254-63 | 4.6 | 85 |
| 73 | Low-level expression of let-7a in gastric cancer and its involvement in tumorigenesis by targeting RAB40C. *Carcinogenesis*, **2011**, 32, 713-22 | 4.6 | 85 |
| 72 | A novel long noncoding RNA AK001796 acts as an oncogene and is involved in cell growth inhibition by resveratrol in lung cancer. *Toxicology and Applied Pharmacology*, **2015**, 285, 79-88 | 4.6 | 79 |
| 71 | Overexpressed miR-494 down-regulates PTEN gene expression in cells transformed by anti-benzo(a)pyrene-trans-7,8-dihydrodiol-9,10-epoxide. *Life Sciences*, **2010**, 86, 192-8 | 6.8 | 78 |
| 70 | A novel regulatory network among LncRpa, CircRar1, MiR-671 and apoptotic genes promotes lead-induced neuronal cell apoptosis. *Archives of Toxicology*, **2017**, 91, 1671-1684 | 5.8 | 77 |
| 69 | MicroRNA-622 functions as a tumor suppressor by targeting K-Ras and enhancing the anticarcinogenic effect of resveratrol. *Carcinogenesis*, **2012**, 33, 131-9 | 4.6 | 76 |
| 68 | In vivo and in vitro knockdown of FREP2 gene expression in the snail Biomphalaria glabrata using RNA interference. *Developmental and Comparative Immunology*, **2006**, 30, 855-66 | 3.2 | 67 |
| 67 | MiR-320 and miR-494 affect cell cycles of primary murine bronchial epithelial cells exposed to benzo[a]pyrene. *Toxicology in Vitro*, **2010**, 24, 928-35 | 3.6 | 60 |
| 66 | Oral Exposure to Silver Nanoparticles or Silver Ions May Aggravate Fatty Liver Disease in Overweight Mice. *Environmental Science & Technology*, **2017**, 51, 9334-9343 | 10.3 | 57 |
| 65 | Circular RNA circNOL10 Inhibits Lung Cancer Development by Promoting SCLM1-Mediated Transcriptional Regulation of the Humanin Polypeptide Family. *Advanced Science*, **2019**, 6, 1800654 | 13.6 | 54 |
| 64 | miR-497 and miR-34a retard lung cancer growth by co-inhibiting cyclin E1 (CCNE1). *Oncotarget*, **2015**, 6, 13149-63 | 3.3 | 53 |
| 63 | Deregulation of serum microRNA expression is associated with cigarette smoking and lung cancer. *BioMed Research International*, **2014**, 2014, 364316 | 3 | 53 |
| 62 | Akt activation is responsible for enhanced migratory and invasive behavior of arsenic-transformed human bronchial epithelial cells. *Environmental Health Perspectives*, **2012**, 120, 92-7 | 8.4 | 52 |
| 61 | Integrin □ down-regulation by miR-205 suppresses triple negative breast cancer stemness and metastasis by inhibiting the Src/Vav2/Rac1 pathway. *Cancer Letters*, **2018**, 433, 199-209 | 9.9 | 52 |
| 60 | ARHGAP18 Downregulation by miR-200b Suppresses Metastasis of Triple-Negative Breast Cancer by Enhancing Activation of RhoA. *Cancer Research*, **2017**, 77, 4051-4064 | 10.1 | 50 |

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| 59 | MicroRNA-200b suppresses arsenic-transformed cell migration by targeting protein kinase C and Wnt5b-protein kinase C positive feedback loop and inhibiting Rac1 activation. *Journal of Biological Chemistry*, **2014**, 289, 18373-86 | 5.4 | 49 |
| 58 | miR-106a-mediated malignant transformation of cells induced by anti-benzo[a]pyrene-trans-7,8-diol-9,10-epoxide. *Toxicological Sciences*, **2011**, 119, 50-60 | 4.4 | 48 |
| 57 | The role of miR-506 in transformed 16HBE cells induced by anti-benzo[a]pyrene-trans-7,8-dihydrodiol-9,10-epoxide. *Toxicology Letters*, **2011**, 205, 320-6 | 4.4 | 46 |
| 56 | RNA-binding protein trinucleotide repeat-containing 6A regulates the formation of circular RNA circ0006916, with important functions in lung cancer cells. *Carcinogenesis*, **2018**, 39, 981-992 | 4.6 | 44 |
| 55 | In vivo E-catenin attenuation by the integrin 5-targeting nano-delivery strategy suppresses triple negative breast cancer stemness and metastasis. *Biomaterials*, **2019**, 188, 160-172 | 15.6 | 44 |
| 54 | MicroRNA expression profiles and miR-10a target in anti-benzo[a] pyrene-7, 8-diol-9, 10-epoxide-transformed human 16HBE cells. *Biomedical and Environmental Sciences*, **2009**, 22, 14-21 | 1.1 | 41 |
| 53 | LncRNA-DQ786227-mediated cell malignant transformation induced by benzo(a)pyrene. *Toxicology Letters*, **2013**, 223, 205-10 | 4.4 | 39 |
| 52 | Inactivation of Rac1 reduces Trastuzumab resistance in PTEN deficient and insulin-like growth factor I receptor overexpressing human breast cancer SKBR3 cells. *Cancer Letters*, **2011**, 313, 54-63 | 9.9 | 38 |
| 51 | Alteration of serum miR-206 and miR-133b is associated with lung carcinogenesis induced by 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. *Toxicology and Applied Pharmacology*, **2013**, 267, 238-46 | 4.6 | 37 |
| 50 | Low Long Noncoding RNA Growth Arrest-Specific Transcript 5 Expression in the Exosomes of Lung Cancer Cells Promotes Tumor Angiogenesis. *Journal of Oncology*, **2019**, 2019, 2476175 | 4.5 | 35 |
| 49 | miR-22 functions as a micro-oncogene in transformed human bronchial epithelial cells induced by anti-benzo[a]pyrene-7,8-diol-9,10-epoxide. *Toxicology in Vitro*, **2010**, 24, 1168-75 | 3.6 | 35 |
| 48 | Upregulation of histone-lysine methyltransferases plays a causal role in hexavalent chromium-induced cancer stem cell-like property and cell transformation. *Toxicology and Applied Pharmacology*, **2018**, 342, 22-30 | 4.6 | 33 |
| 47 | A transcribed ultraconserved noncoding RNA, Uc.173, is a key molecule for the inhibition of lead-induced neuronal apoptosis. *Oncotarget*, **2016**, 7, 112-24 | 3.3 | 32 |
| 46 | Oncogenic role of long noncoding RNA AF118081 in anti-benzo[a]pyrene-trans-7,8-dihydrodiol-9,10-epoxide-transformed 16HBE cells. *Toxicology Letters*, **2014**, 229, 430-9 | 4.4 | 31 |
| 45 | Epithelial to mesenchymal transition in arsenic-transformed cells promotes angiogenesis through activating E-catenin-vascular endothelial growth factor pathway. *Toxicology and Applied Pharmacology*, **2013**, 271, 20-9 | 4.6 | 31 |
| 44 | Circular RNA 0039411 Is Involved in Neodymium Oxide-induced Inflammation and Antiproliferation in a Human Bronchial Epithelial Cell Line via Sponging miR-93-5p. *Toxicological Sciences*, **2019**, 170, 69-81 | 4.4 | 29 |
| 43 | LncRNA LINC00341 mediates PM-induced cell cycle arrest in human bronchial epithelial cells. *Toxicology Letters*, **2017**, 276, 1-10 | 4.4 | 27 |
| 42 | Induction of Inflammatory Responses in Human Bronchial Epithelial Cells by Pb-Containing Model PM Particles via Downregulation of a Novel Long Noncoding RNA lnc-PCK1-2:1. *Environmental Science & Technology*, **2019**, 53, 4566-4578 | 10.3 | 27 |

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| 41 | miR-21 regulates N-methyl-N-nitro-NTnitrosoguanidine-induced gastric tumorigenesis by targeting FASLG and BTG2. *Toxicology Letters*, **2014**, 228, 147-56 | 4.4 | 26 |
| 40 | Circular RNA circBbs9 promotes PM-induced lung inflammation in mice via NLRP3 inflammasome activation. *Environment International*, **2020**, 143, 105976 | 12.9 | 26 |
| 39 | Ultrafine particle libraries for exploring mechanisms of PM-induced toxicity in human cells. *Ecotoxicology and Environmental Safety*, **2018**, 157, 380-387 | 7 | 25 |
| 38 | Functional role and mechanism of lncRNA LOC728228 in malignant 16HBE cells transformed by anti-benzopyrene-trans-7,8-dihydrodiol-9,10-epoxide. *Molecular Carcinogenesis*, **2015**, 54 Suppl 1, E192-204 | 5 | 25 |
| 37 | Circular RNA 406961 interacts with ILF2 to regulate PM-induced inflammatory responses in human bronchial epithelial cells via activation of STAT3/JNK pathways. *Environment International*, **2020**, 141, 105755 | 12.9 | 23 |
| 36 | Titanium dioxide nanoparticles prime a specific activation state of macrophages. *Nanotoxicology*, **2017**, 11, 737-750 | 5.3 | 22 |
| 35 | FMNL1 mediates nasopharyngeal carcinoma cell aggressiveness by epigenetically upregulating MTA1. *Oncogene*, **2018**, 37, 6243-6258 | 9.2 | 20 |
| 34 | Aggravated hepatotoxicity occurs in aged mice but not in young mice after oral exposure to zinc oxide nanoparticles. *NanoImpact*, **2016**, 3-4, 1-11 | 5.6 | 19 |
| 33 | Altered miRNA expression profiles and miR-1a associated with urethane-induced pulmonary carcinogenesis. *Toxicological Sciences*, **2013**, 135, 63-71 | 4.4 | 18 |
| 32 | Hepatocellular carcinoma-derived exosomes in organotropic metastasis, recurrence and early diagnosis application. *Cancer Letters*, **2020**, 477, 41-48 | 9.9 | 17 |
| 31 | Complex Coacervation-Integrated Hybrid Nanoparticles Increasing Plasmid DNA Delivery Efficiency in Vivo. *ACS Applied Materials & Interfaces*, **2016**, 8, 30735-30746 | 9.5 | 16 |
| 30 | Silencing of N-Ras gene expression using shRNA decreases transformation efficiency and tumor growth in transformed cells induced by anti-BPDE. *Toxicological Sciences*, **2008**, 105, 286-94 | 4.4 | 16 |
| 29 | Nanodiamonds Mediate Oral Delivery of Proteins for Stem Cell Activation and Intestinal Remodeling in Drosophila. *ACS Applied Materials & Interfaces*, **2017**, 9, 18575-18583 | 9.5 | 15 |
| 28 | LncRNA H19 promotes odontoblastic differentiation of human dental pulp stem cells by regulating miR-140-5p and BMP-2/FGF9. *Stem Cell Research and Therapy*, **2020**, 11, 202 | 8.3 | 15 |
| 27 | Identification of a long non-coding RNA NR_026689 associated with lung carcinogenesis induced by NNK. *Oncotarget*, **2016**, 7, 14486-98 | 3.3 | 14 |
| 26 | LncRNA LOC101927514 regulates PM-driven inflammation in human bronchial epithelial cells through binding p-STAT3 protein. *Toxicology Letters*, **2020**, 319, 119-128 | 4.4 | 13 |
| 25 | CircRNA104250 and lncRNAuc001.dgp.1 promote the PM-induced inflammatory response by co-targeting miR-3607-5p in BEAS-2B cells. *Environmental Pollution*, **2020**, 258, 113749 | 9.3 | 13 |
| 24 | Inhibitory effect of uranyl nitrate on DNA double-strand break repair by depression of a set of proteins in the homologous recombination pathway. *Toxicology Research*, **2017**, 6, 711-718 | 2.6 | 12 |

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| 23 | RBX1 prompts degradation of EXO1 to limit the homologous recombination pathway of DNA double-strand break repair in G1 phase. *Cell Death and Differentiation*, **2020**, 27, 1383-1397 | 12.7 | 12 |
| 22 | IgY Reduces AFB-Induced Cytotoxicity, Cellular Dysfunction, and Genotoxicity in Human L-02 Hepatocytes and Swan 71 Trophoblasts. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 1543-1550 | 5.7 | 9 |
| 21 | Editor's Highlight: lncRNAL20992 Regulates Apoptotic Proteins to Promote Lead-Induced Neuronal Apoptosis. *Toxicological Sciences*, **2018**, 161, 115-124 | 4.4 | 8 |
| 20 | Effects of silencing of HER2/neu gene in anti-BPDE-transformed cells. *Toxicology in Vitro*, **2009**, 23, 53-9 | 3.6 | 7 |
| 19 | Deubiquitinase USP7-mediated MCL-1 up-regulation enhances Arsenic and Benzo(a)pyrene co-exposure-induced Cancer Stem Cell-like property and Tumorigenesis. *Theranostics*, **2020**, 10, 9050-9065 | 12.1 | 7 |
| 18 | ssDNA hybridization facilitated by T7 ssDNA binding protein (gp2.5) rapidly initiates from the strand terminus or internally followed by a slow zippering step. *Biochimie*, **2018**, 147, 1-12 | 4.6 | 5 |
| 17 | Consecutive ribonucleoside monophosphates on template inhibit DNA replication by T7 DNA polymerase or by T7 polymerase and helicase complex. *Biochimie*, **2018**, 151, 128-138 | 4.6 | 5 |
| 16 | MicroRNAs: emerging novel targets of cancer therapies. *BioMed Research International*, **2015**, 2015, 506323 | 3 | 5 |
| 15 | Genotyping Parkinson disease-associated mitochondrial polymorphisms. *Clinical Medicine and Research*, **2004**, 2, 99-106 | 1.4 | 5 |
| 14 | Queuing Models of Gene Expression: Analytical Distributions and Beyond. *Biophysical Journal*, **2020**, 119, 1606-1616 | 2.9 | 5 |
| 13 | The linc00152 Controls Cell Cycle Progression by Regulating CCND1 in 16HBE Cells Malignantly Transformed by Cigarette Smoke Extract. *Toxicological Sciences*, **2019**, 167, 496-508 | 4.4 | 5 |
| 12 | Overexpression of amplified in breast cancer 1 (AIB1) gene promotes lung adenocarcinoma aggressiveness in vitro and in vivo by upregulating C-X-C motif chemokine receptor 4. *Cancer Communications*, **2018**, 38, 53 | 9.4 | 4 |
| 11 | Characterization of 67 kD laminin receptor, a protein whose gene is overexpressed on treatment of cells with anti-benzo[a]pyrene-7,8-diol-9,10-epoxide. *Toxicological Sciences*, **2006**, 90, 326-30 | 4.4 | 4 |
| 10 | Crucial Roles of the RIP Homotypic Interaction Motifs of RIPK3 in RIPK1-Dependent Cell Death and Lymphoproliferative Disease. *Cell Reports*, **2020**, 31, 107650 | 10.6 | 3 |
| 9 | Post-transcriptional regulation tends to attenuate the mRNA noise and to increase the mRNA gain. *Physical Biology*, **2015**, 12, 056002 | 3 | 2 |
| 8 | The Circ_CARM1 controls cell migration by regulating CTNNBIP1 in anti-benzo[a]pyrene-trans-7,8-dihydrodiol-9,10-epoxide-transformed 16HBE cells. *Toxicology Letters*, **2021**, 348, 40-49 | 4.4 | 2 |
| 7 | Tobacco-Related Exposure Upregulates Circ_0035266 to Exacerbate Inflammatory Responses in Human Bronchial Epithelial Cells. *Toxicological Sciences*, **2021**, 179, 70-83 | 4.4 | 1 |
| 6 | Circular RNAs in Toxicology. *Toxicological Sciences*, **2021**, 179, 149-161 | 4.4 | 1 |

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| 5 | Circular RNA circ_Cabin1 promotes DNA damage in multiple mouse organs via inhibition of non-homologous end-joining repair upon PM exposure. *Archives of Toxicology*, **2021**, 95, 3235-3251 | 5.8 | 1 |
| 4 | Circular RNA circNIPBL promotes NNK-induced DNA damage in bronchial epithelial cells via the base excision repair pathway.. *Archives of Toxicology*, **2022**, 1 | 5.8 | 0 |
| 3 | The involvement of copper, circular RNAs, and inflammatory cytokines in chronic respiratory disease. *Chemosphere*, **2022**, 135005 | 8.4 | 0 |
| 2 | Abnormal expression of c-Myc in human bronchial epithelial cells malignantly transformed by anti-BPDE. *Frontiers of Medicine in China*, **2008**, 2, 380-385 | | |
| 1 | Isolation of human transcripts expressed in 16HBE cells related to chlorophyllin antitransforming activity against anti-BPDE by cDNA representational difference analysis. *Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research*, **2005** , 17, 6-10 | 3.8 | |