

# Tao Chen

## List of Publications by Citations

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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.

30  
papers

382  
citations

11  
h-index

18  
g-index

32  
ext. papers

510  
ext. citations

5.2  
avg, IF

3.6  
L-index

#	Paper	IF	Citations
30	Untangling the ATR-CHEK1 network for prognostication, prediction and therapeutic target validation in breast cancer. <i>Molecular Oncology</i> , <b>2015</b> , 9, 569-85	7.9	57
29	Gene expression and epigenetic changes by furan in rat liver. <i>Toxicology</i> , <b>2012</b> , 292, 63-70	4.4	39
28	Crosstalk between AhR and wnt/ $\beta$ -catenin signal pathways in the cardiac developmental toxicity of PM2.5 in zebrafish embryos. <i>Toxicology</i> , <b>2016</b> , 355-356, 31-8	4.4	36
27	AHR-mediated ROS production contributes to the cardiac developmental toxicity of PM2.5 in zebrafish embryos. <i>Science of the Total Environment</i> , <b>2020</b> , 719, 135097	10.2	30
26	Protective effects of folic acid on PM2.5-induced cardiac developmental toxicity in zebrafish embryos by targeting AhR and Wnt/ $\beta$ -catenin signal pathways. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 2316-2322	4.2	28
25	Trichloroethylene-induced gene expression and DNA methylation changes in B6C3F1 mouse liver. <i>PLoS ONE</i> , <b>2014</b> , 9, e116179	3.7	25
24	AHR-mediated oxidative stress contributes to the cardiac developmental toxicity of trichloroethylene in zebrafish embryos. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 385, 121521	12.8	21
23	Disruption of cardiogenesis in human embryonic stem cells exposed to trichloroethylene. <i>Environmental Toxicology</i> , <b>2016</b> , 31, 1372-1380	4.2	17
22	Aberrant DNA methylation in radon and/or cigarette smoke-induced malignant transformation in BEAS-2B human lung cell line. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2017</b> , 80, 1321-1330	3.2	16
21	The Role of miR-182-5p in Hepatocarcinogenesis of Trichloroethylene in Mice. <i>Toxicological Sciences</i> , <b>2017</b> , 156, 208-216	4.4	14
20	MicroRNA and mRNA Interaction Network Regulates the Malignant Transformation of Human Bronchial Epithelial Cells Induced by Cigarette Smoke. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 1029	5.3	12
19	The role of miR-130a-3p and SPOCK1 in tobacco exposed bronchial epithelial BEAS-2B transformed cells: Comparison to A549 and H1299 lung cancer cell lines. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2019</b> , 82, 862-869	3.2	11
18	Resveratrol protects against PM2.5-induced heart defects in zebrafish embryos as an antioxidant rather than as an AHR antagonist. <i>Toxicology and Applied Pharmacology</i> , <b>2020</b> , 398, 115029	4.6	11
17	Trichloroethylene-Induced DNA Methylation Changes in Male F344 Rat Liver. <i>Chemical Research in Toxicology</i> , <b>2016</b> , 29, 1773-1777	4	10
16	PM2.5-induced extensive DNA methylation changes in the heart of zebrafish embryos and the protective effect of folic acid. <i>Environmental Pollution</i> , <b>2019</b> , 255, 113331	9.3	8
15	Downregulation of miR-133a contributes to the cardiac developmental toxicity of trichloroethylene in zebrafish. <i>Chemosphere</i> , <b>2020</b> , 251, 126610	8.4	6
14	Multi-platform analysis of methylation-regulated genes in human lung adenocarcinoma. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2019</b> , 82, 37-45	3.2	6

13	Aryl hydrocarbon receptor mediates the cardiac developmental toxicity of EOM from PM in P19 embryonic carcinoma cells. <i>Chemosphere</i> , <b>2019</b> , 216, 372-378	8.4	6
12	Role of miR-182-5p overexpression in trichloroethylene-induced abnormal cell cycle functions in human HepG2 cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2019</b> , 82, 920-927	3.2	5
11	Role of DNA methylation regulation of miR-130b expression in human lung cancer using bioinformatics analysis. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2019</b> , 82, 935-943	3.2	4
10	Protective effects of resveratrol against the cardiac developmental toxicity of trichloroethylene in zebrafish embryos. <i>Toxicology</i> , <b>2021</b> , 452, 152697	4.4	4
9	Downregulation of mA Reader YTHDC2 Promotes the Proliferation and Migration of Malignant Lung Cells via CYLD/NF- $\kappa$ B Pathway. <i>International Journal of Biological Sciences</i> , <b>2021</b> , 17, 2633-2651	11.2	4
8	Advances in TCE Toxicology. <i>Advances in Molecular Toxicology</i> , <b>2017</b> , 51-79	0.4	3
7	Identification and validation of smoking-related genes in lung adenocarcinoma using an in vitro carcinogenesis model and bioinformatics analysis. <i>Journal of Translational Medicine</i> , <b>2020</b> , 18, 313	8.5	3
6	AHR/ROS-mediated mitochondria apoptosis contributes to benzo[a]pyrene-induced heart defects and the protective effects of resveratrol. <i>Toxicology</i> , <b>2021</b> , 462, 152965	4.4	2
5	The effects of methionine on TCE-induced DNA methylation and mRNA expression changes in mouse liver. <i>Molecular and Cellular Toxicology</i> , <b>2017</b> , 13, 59-64	1.6	1
4	Effects of Trichloroethylene on the Expression of Long Intergenic Noncoding RNAs in B6C3F1 Mouse Liver. <i>Chemical Research in Toxicology</i> , <b>2020</b> , 33, 1356-1363	4	1
3	Transcriptomic profiling of trichloroethylene exposure in male mouse liver. <i>Genomics Data</i> , <b>2015</b> , 3, 140-2		1
2	Paternal acrylamide exposure induces transgenerational effects on sperm parameters and learning capability in mice.. <i>Food and Chemical Toxicology</i> , <b>2022</b> , 161, 112817	4.7	1
1	Cx43 overexpression is involved in the hyper-proliferation effect of trichloroethylene on human embryonic stem cells.. <i>Toxicology</i> , <b>2021</b> , 465, 153065	4.4	