

# Maoyong Song

## List of Publications by Year in descending order

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68  
papers

2,326  
citations

218662

26  
h-index

223791

46  
g-index

68  
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68  
docs citations

68  
times ranked

3145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver Nanoparticles Induce Apoptosis in HepG2 Cells through Particle-Specific Effects on Mitochondria. <i>Environmental Science &amp; Technology</i> , 2022, 56, 5706-5713.	10.0	22
2	Tetrabromobisphenol A perturbs cell fate decisions via BMP signaling in the early embryonic development of zebrafish. <i>Journal of Hazardous Materials</i> , 2022, 430, 128512.	12.4	2
3	Assessing the toxicity of bisphenol A and its six alternatives on zebrafish embryo/larvae. <i>Aquatic Toxicology</i> , 2022, 246, 106154.	4.0	22
4	Administration of Silver Nasal Spray Leads to Nanoparticle Accumulation in Rat Brain Tissues. <i>Environmental Science &amp; Technology</i> , 2022, 56, 403-413.	10.0	7
5	Effect-Directed Analysis Based on the Reduced Human Transcriptome (RHT) to Identify Organic Contaminants in Source and Tap Waters along the Yangtze River. <i>Environmental Science &amp; Technology</i> , 2022, 56, 7840-7852.	10.0	10
6	Rapid and simultaneous determination of multiple endocrine-disrupting chemicals and their metabolites in human serum and urine samples. <i>Talanta</i> , 2022, 248, 123639.	5.5	13
7	Preparation of blue- and green-emissive nitrogen-doped graphene quantum dots from graphite and their application in bioimaging. <i>Materials Science and Engineering C</i> , 2021, 119, 111642.	7.3	29
8	Tetrachlorobisphenol A induced immunosuppression and uterine injury in mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111527.	6.0	16
9	The health impact of environmental pollution. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111667.	6.0	2
10	Tetrabromobisphenol A induces THR $\beta$ -mediated inflammation and uterine injury in mice at environmentally relevant exposure concentrations. <i>Journal of Hazardous Materials</i> , 2021, 407, 124859.	12.4	18
11	Harnessing synchronous photothermal and photocatalytic effects of cryptomelane-type MnO <sub>2</sub> nanowires towards clean water production. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2414-2420.	10.3	27
12	Unified Probability Distribution and Dynamics of Lead Contents in Human Erythrocytes Revealed by Single-Cell Analysis. <i>Environmental Science &amp; Technology</i> , 2021, 55, 3819-3826.	10.0	4
13	<i>In situ</i> High-Throughput Single-Cell Analysis Reveals the Crosstalk between Nanoparticle-Induced Cell Responses. <i>Environmental Science &amp; Technology</i> , 2021, 55, 5136-5142.	10.0	7
14	Remarkable MnO <sub>2</sub> structure-dependent H <sub>2</sub> O promoting effect in HCHO oxidation at room temperature. <i>Journal of Hazardous Materials</i> , 2021, 414, 125542.	12.4	35
15	Bisphenol S Promotes the Formation of Visceral Fat in Mice. <i>Environmental Science and Technology Letters</i> , 2021, 8, 699-704.	8.7	10
16	Constructed palladium-anchored hollow-rod-like graphitic carbon nitride created rapid visible-light-driven debromination of hexabromocyclododecane. <i>Applied Catalysis B: Environmental</i> , 2021, 297, 120409.	20.2	10
17	Exposure to legacy and novel perfluoroalkyl substance disturbs the metabolic homeostasis in pregnant women and fetuses: A metabolome-wide association study. <i>Environment International</i> , 2021, 156, 106627.	10.0	25
18	Characterization of nanoparticles using coupled gel immobilization and label-free optical imaging. <i>Chemical Communications</i> , 2021, 57, 13016-13019.	4.1	1

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19	Serum concentration of bisphenol analogues in pregnant women in China. <i>Science of the Total Environment</i> , 2020, 707, 136100.	8.0	117
20	Concentration and distribution of parabens, triclosan, and triclocarban in pregnant woman serum in China. <i>Science of the Total Environment</i> , 2020, 710, 136390.	8.0	40
21	Dissolved organic matter-mediated reduction of ionic Au(III) to elemental Au nanoparticles and their growth to visible granules. <i>Chinese Chemical Letters</i> , 2020, 31, 1970-1973.	9.0	4
22	Monitoring AuNP Dynamics in the Blood of a Single Mouse Using Single Particle Inductively Coupled Plasma Mass Spectrometry with an Ultralow-Volume High-Efficiency Introduction System. <i>Analytical Chemistry</i> , 2020, 92, 14872-14877.	6.5	9
23	Oxidative damage mechanism in <i>Saccharomyces cerevisiae</i> cells exposed to tetrachlorobisphenol A. <i>Environmental Toxicology and Pharmacology</i> , 2020, 80, 103507.	4.0	4
24	Tetrabromobisphenol A Perturbs Erythropoiesis and Impairs Blood Circulation in Zebrafish Embryos. <i>Environmental Science &amp; Technology</i> , 2020, 54, 12998-13007.	10.0	23
25	Effects of graphene oxide on PCR amplification for microbial community survey. <i>BMC Microbiology</i> , 2020, 20, 278.	3.3	4
26	Toxicity of silver nanoparticles on wound healing: A case study of zebrafish fin regeneration model. <i>Science of the Total Environment</i> , 2020, 717, 137178.	8.0	27
27	Transplacental Transfer of Per- and Polyfluoroalkyl Substances Identified in Paired Maternal and Cord Sera Using Suspect and Nontarget Screening. <i>Environmental Science &amp; Technology</i> , 2020, 54, 3407-3416.	10.0	88
28	High-Throughput Single Cell Analysis Reveals the Heterogeneity of QDots-Induced Response in Macrophages. <i>Environmental Science and Technology Letters</i> , 2020, 7, 337-342.	8.7	2
29	Effects of environmental contaminants on fertility and reproductive health. <i>Journal of Environmental Sciences</i> , 2019, 77, 210-217.	6.1	94
30	Scattered Light Imaging Enables Real-Time Monitoring of Label-Free Nanoparticles and Fluorescent Biomolecules in Live Cells. <i>Journal of the American Chemical Society</i> , 2019, 141, 14043-14047.	13.7	33
31	Ultralong AgNWs-induced toxicity in A549 cells and the important roles of ROS and autophagy. <i>Ecotoxicology and Environmental Safety</i> , 2019, 186, 109742.	6.0	12
32	Length and diameter-dependent phagocytosis and cytotoxicity of long silver nanowires in macrophages. <i>Chemosphere</i> , 2019, 237, 124565.	8.2	10
33	Effects of H <sub>2</sub> O on HCHO and CO oxidation at room-temperature catalyzed by MCo <sub>2</sub> O <sub>4</sub> (M=Mn, Ce and) <i>Tj ETQq1</i> 1 0,784314 rgBT /Ov 20,2 1145	10.2	114
34	Prenatal Exposure to Per- and Polyfluoroalkyl Substances (PFASs) and Association between the Placental Transfer Efficiencies and Dissociation Constant of Serum Proteinsâ€“PFAS Complexes. <i>Environmental Science &amp; Technology</i> , 2019, 53, 6529-6538.	10.0	127
35	Ultra-long silver nanowires induced mitotic abnormalities and cytokinetic failure in A549 cells. <i>Nanotoxicology</i> , 2019, 13, 543-557.	3.0	7
36	Heavy metals in maternal and cord blood in Beijing and their efficiency of placental transfer. <i>Journal of Environmental Sciences</i> , 2019, 80, 99-106.	6.1	62

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37	Anti-estrogenic activity of tris(2,3-dibromopropyl) isocyanurate through disruption of co-activator recruitment: experimental and computational studies. <i>Archives of Toxicology</i> , 2018, 92, 1471-1482.	4.2	19
38	Evaluating estrogenic and anti-estrogenic effect of endocrine disrupting chemicals (EDCs) by zebrafish ( <i>Danio rerio</i> ) embryo-based vitellogenin 1 ( vtg1 ) mRNA expression. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 204, 45-50.	2.6	23
39	Oxidative stress and cytotoxicity induced by tetrachlorobisphenol A in <i>Saccharomyces cerevisiae</i> cells. <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 1-7.	6.0	9
40	Tetrabromobisphenol A alters soil microbial community via selective antibacterial activity. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 597-603.	6.0	14
41	Tetrabromobisphenol A (TBBPA) exhibits specific antimicrobial activity against Gram-positive bacteria without detectable resistance. <i>Chemical Communications</i> , 2017, 53, 3512-3515.	4.1	9
42	Identification of Emerging Brominated Chemicals as the Transformation Products of Tetrabromobisphenol A (TBBPA) Derivatives in Soil. <i>Environmental Science &amp; Technology</i> , 2017, 51, 5434-5444.	10.0	63
43	Experimental and computational insights on the recognition mechanism between the estrogen receptor $\beta$ with bisphenol compounds. <i>Archives of Toxicology</i> , 2017, 91, 3897-3912.	4.2	40
44	The Toxic Effects of Tetrachlorobisphenol A in <i>Saccharomyces cerevisiae</i> Cells via Metabolic Interference. <i>Scientific Reports</i> , 2017, 7, 2655.	3.3	10
45	Determining the Cytotoxicity of Rare Earth Element Nanoparticles in Macrophages and the Involvement of Membrane Damage. <i>Environmental Science &amp; Technology</i> , 2017, 51, 13938-13948.	10.0	30
46	Graphene oxide enhances the specificity of the polymerase chain reaction by modifying primer-template matching. <i>Scientific Reports</i> , 2017, 7, 16510.	3.3	23
47	Exposure to Bisphenol AF disrupts sex hormone levels and vitellogenin expression in zebrafish. <i>Environmental Toxicology</i> , 2016, 31, 285-294.	4.0	66
48	Effects of tris(2,3-dibromopropyl) isocyanurate on steroidogenesis in H295R cells. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	10
49	Oxidative stress and immunotoxicity induced by graphene oxide in zebrafish. <i>Aquatic Toxicology</i> , 2016, 174, 54-60.	4.0	147
50	Functionalized single-walled carbon nanotubes for the improved solubilization and delivery of curcumin. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2016, 24, 13-19.	2.1	15
51	Evaluation of the in vitro estrogenicity of emerging bisphenol analogs and their respective estrogenic contributions in municipal sewage sludge in China. <i>Chemosphere</i> , 2015, 124, 150-155.	8.2	77
52	Occurrence and profiles of bisphenol analogues in municipal sewage sludge in China. <i>Environmental Pollution</i> , 2014, 186, 14-19.	7.5	243
53	Co-exposure of Carboxyl-Functionalized Single-Walled Carbon Nanotubes and 17 $\beta$ -Ethinylestradiol in Cultured Cells: Effects on Bioactivity and Cytotoxicity. <i>Environmental Science &amp; Technology</i> , 2014, 48, 13978-13984.	10.0	39
54	Boronic acid-mediated polymerase chain reaction for gene- and fragment-specific detection of 5-hydroxymethylcytosine. <i>Nucleic Acids Research</i> , 2014, 42, e81-e81.	14.5	25

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55	Assessing developmental toxicity and estrogenic activity of halogenated bisphenol A on zebrafish ( <i>Danio rerio</i> ). <i>Chemosphere</i> , 2014, 112, 275-281.	8.2	106
56	Study of cytotoxic effects of single-walled carbon nanotubes functionalized with different chemical groups on human MCF7 cells. <i>Chemosphere</i> , 2013, 92, 576-582.	8.2	20
57	Polyvinyl Pyrrolidone Promotes DNA Cleavage by a ROS-Independent and Depurination Mechanism. <i>Environmental Science &amp; Technology</i> , 2013, 47, 2886-2891.	10.0	10
58	Size-Dependent Toxicity of Nano-C60 Aggregates: More Sensitive Indication by Apoptosis-Related Bax Translocation in Cultured Human Cells. <i>Environmental Science &amp; Technology</i> , 2012, 46, 3457-3464.	10.0	53
59	Interaction of Human Serum Album and C60 Aggregates in Solution. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4964-4974.	4.1	50
60	Dummy molecularly imprinted polymer for selective screening of trace bisphenols in river water. <i>Analytical Methods</i> , 2011, 3, 173-180.	2.7	57
61	Circannual vitellogenin levels in Chinese loach ( <i>Misgurnus anguillicaudatus</i> ). <i>Environmental Biology of Fishes</i> , 2009, 85, 23-29.	1.0	8
62	Highly sensitive detection of human thrombin in serum by affinity capillary electrophoresis/laser-induced fluorescence polarization using aptamers as probes. <i>Journal of Chromatography A</i> , 2009, 1216, 873-878.	3.7	39
63	Fast purification of trace vitellogenin from Chinese rare minnow using protein A-immobilized antibody. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 2151-2157.	3.7	1
64	Determinations of dioxinlike activity in selected mollusks from the coast of the Bohai Sea, China, using the H4IIE-luc bioassay. <i>Ecotoxicology and Environmental Safety</i> , 2007, 67, 157-162.	6.0	2
65	AhR-active compounds in sediments of the Haihe and Dagu Rivers, China. <i>Chemosphere</i> , 2006, 63, 1222-1230.	8.2	30
66	Measurement of estrogenic activity in sediments from Haihe and Dagu River, China. <i>Environment International</i> , 2006, 32, 676-681.	10.0	39
67	Separation and detection of vitellogenin in fish plasma by capillary zone electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 821, 38-44.	2.3	3
68	Preliminary survey of estrogenic activity in part of waters in Haihe River, Tianjin. <i>Science Bulletin</i> , 2005, 50, 2565-2570.	1.7	9