

# Xiaoyun He

## List of Publications by Year in descending order

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97  
papers

2,180  
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186209

28  
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302012

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99  
docs citations

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times ranked

2563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nucleic Acid-Modified Liposome: Construction Methods and Biological Applications. <i>Advanced Materials Interfaces</i> , 2022, 9, 2101246.	1.9	4
2	Fusion of binary split allosteric aptasensor for the ultra-sensitive and super-rapid detection of malachite green. <i>Journal of Hazardous Materials</i> , 2022, 425, 127976.	6.5	12
3	Broccoli ameliorate NAFLD by increasing lipolysis and promoting liver macrophages polarize toward M2-type. <i>Journal of Functional Foods</i> , 2022, 89, 104898.	1.6	3
4	Nucleic Acid-Modified Liposome: Construction Methods and Biological Applications ( <i>Adv. Mater.</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	0
5	A 90-Day Subchronic Toxicity Study of Consumption of GH-Transgenic Triploid Carp in Wistar Rats. <i>Fishes</i> , 2022, 7, 10.	0.7	2
6	Curcumin Alleviates Dextran Sulfate Sodium-Induced Colitis in Mice Through Regulating Gut Microbiota. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100943.	1.5	20
7	Intelligent biosensing strategies for rapid detection in food safety: A review. <i>Biosensors and Bioelectronics</i> , 2022, 202, 114003.	5.3	42
8	Aptamer-Functionalized Binary-Drug Delivery System for Synergetic Obesity Therapy. <i>ACS Nano</i> , 2022, 16, 1036-1050.	7.3	13
9	<i>Coreopsis tinctoria</i> and Its Flavonoids Ameliorate Hyperglycemia in Obese Mice Induced by High-Fat Diet. <i>Nutrients</i> , 2022, 14, 1160.	1.7	8
10	Single-atom Ce-N-C nanozyme bioactive paper with a 3D-printed platform for rapid detection of organophosphorus and carbamate pesticide residues. <i>Food Chemistry</i> , 2022, 387, 132896.	4.2	30
11	<i>Pleurotus Ostreatus</i> Ameliorates Obesity by Modulating the Gut Microbiota in Obese Mice Induced by High-Fat Diet. <i>Nutrients</i> , 2022, 14, 1868.	1.7	19
12	Extraction and Identification of Three New <i>Urechis unicinctus</i> Visceral Peptides and Their Antioxidant Activity. <i>Marine Drugs</i> , 2022, 20, 293.	2.2	8
13	Artemether Ameliorates Non-Alcoholic Steatohepatitis by Repressing Lipogenesis, Inflammation, and Fibrosis in Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 851342.	1.6	5
14	Cell-specific aptamers as potential drugs in therapeutic applications: A review of current progress. <i>Journal of Controlled Release</i> , 2022, 346, 405-420.	4.8	20
15	Phosphatase-like activity of single-atom Ce N C nanozyme for rapid detection of Al <sup>3+</sup> . <i>Food Chemistry</i> , 2022, 390, 133127.	4.2	35
16	Fe-N-C nanozyme mediated bioactive paper-3D printing integration technology enables portable detection of lactose in milk. <i>Sensors and Actuators B: Chemical</i> , 2022, 368, 132111.	4.0	9
17	Research Progress of Safety of Zearalenone: A Review. <i>Toxins</i> , 2022, 14, 386.	1.5	43
18	<i>Gynostemma pentaphyllum</i> and Gypenoside-IV Ameliorate Metabolic Disorder and Gut Microbiota in Diet-Induced-Obese Mice. <i>Plant Foods for Human Nutrition</i> , 2022, 77, 367-372.	1.4	5

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19	Oral toxicity evaluation of genetically modified lactic acid bacteria in three generations of Sprague Dawley rats. <i>Food and Chemical Toxicology</i> , 2022, 167, 113280.	1.8	0
20	Single-cell transcriptomics uncovers potential marker genes of ochratoxin A-sensitive renal cells in an acute toxicity rat model. <i>Cell Biology and Toxicology</i> , 2021, 37, 7-13.	2.4	9
21	Chlorogenic acid ameliorates obesity by preventing energy balance shift in high-fat diet induced obese mice. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 631-637.	1.7	49
22	Hypolipidemic, anti-inflammatory, and anti-atherosclerotic effects of tea before and after microbial fermentation. <i>Food Science and Nutrition</i> , 2021, 9, 1160-1170.	1.5	28
23	Multidimensional analysis of the epigenetic alterations in toxicities induced by mycotoxins. <i>Food and Chemical Toxicology</i> , 2021, 153, 112251.	1.8	9
24	Correlation between bacterial community succession and propionic acid during gray sufu fermentation. <i>Food Chemistry</i> , 2021, 353, 129447.	4.2	19
25	Exosomes mediated the delivery of ochratoxin A-induced cytotoxicity in HEK293 cells. <i>Toxicology</i> , 2021, 461, 152926.	2.0	10
26	Nanoscale Cerium Oxide: Synthesis, Biocatalytic Mechanism, and Applications. <i>Catalysts</i> , 2021, 11, 1123.	1.6	30
27	Evolution analysis of flavor-active compounds during artificial fermentation of Pu-erh tea. <i>Food Chemistry</i> , 2021, 357, 129783.	4.2	53
28	Intracellular CircRNA imaging and signal amplification strategy based on the graphene oxide-DNA system. <i>Analytica Chimica Acta</i> , 2021, 1183, 338966.	2.6	13
29	A portable 3D-printed biosensing device for rapid detection of genetically modified maize MON810. <i>Sensors and Actuators B: Chemical</i> , 2021, 349, 130748.	4.0	6
30	Evaluation of flavonoid and polyphenol constituents in mulberry leaves using HPLC fingerprint analysis. <i>International Journal of Food Science and Technology</i> , 2020, 55, 526-533.	1.3	22
31	A test strip platform based on a whole-cell microbial biosensor for simultaneous on-site detection of total inorganic mercury pollutants in cosmetics without the need for predigestion. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111899.	5.3	45
32	Alliin-induced host-gut microbe interactions improves energy homeostasis. <i>FASEB Journal</i> , 2020, 34, 10682-10698.	0.2	27
33	A gas reporting whole-cell microbial biosensor system for rapid on-site detection of mercury contamination in soils. <i>Biosensors and Bioelectronics</i> , 2020, 170, 112660.	5.3	20
34	Self-Assembling Cyclodextrin-Based Nanoparticles Enhance the Cellular Delivery of Hydrophobic Alliin. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11144-11150.	2.4	15
35	Single-cell sequencing reveals novel mechanisms of Aflatoxin B1-induced hepatotoxicity in S phase-arrested L02 cells. <i>Cell Biology and Toxicology</i> , 2020, 36, 603-608.	2.4	24
36	Comprehensive Analysis of the Characteristics and Differences in Adult and Newborn Brown Adipose Tissue (BAT): Newborn BAT Is a More Active/Dynamic BAT. <i>Cells</i> , 2020, 9, 201.	1.8	10

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37	Allicin Regulates Energy Homeostasis through Brown Adipose Tissue. <i>IScience</i> , 2020, 23, 101113.	1.9	23
38	Proteomics reveals the alleviation of zinc towards aflatoxin B1-induced cytotoxicity in human hepatocytes (HepG2 cells). <i>Ecotoxicology and Environmental Safety</i> , 2020, 198, 110596.	2.9	18
39	Feedback regulation mode of gene circuits directly affects the detection range and sensitivity of lead and mercury microbial biosensors. <i>Analytica Chimica Acta</i> , 2019, 1084, 85-92.	2.6	24
40	Evaluation of the effects of feeding glyphosate-tolerant soybeans (CP4 EPSPS) on the testis of male Sprague-Dawley rats. <i>GM Crops and Food</i> , 2019, 10, 181-190.	2.0	5
41	Mulberry leaves ameliorate obesity through enhancing brown adipose tissue activity and modulating gut microbiota. <i>Food and Function</i> , 2019, 10, 4771-4781.	2.1	55
42	Glucose-regulated protein 75 in foodborne disease models induces renal tubular necrosis. <i>Food and Chemical Toxicology</i> , 2019, 133, 110720.	1.8	10
43	Intraperitoneal administration of follistatin promotes adipocyte browning in high-fat diet-induced obese mice. <i>PLoS ONE</i> , 2019, 14, e0220310.	1.1	14
44	Caulis <i>Spatholobi</i> Ameliorates Obesity through Activating Brown Adipose Tissue and Modulating the Composition of Gut Microbiota. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5150.	1.8	32
45	Using the promoters of MerR family proteins as "rheostats" to engineer whole-cell heavy metal biosensors with adjustable sensitivity. <i>Journal of Biological Engineering</i> , 2019, 13, 70.	2.0	27
46	Diagnosing and tracing the pathogens of infantile infectious diarrhea by amplicon sequencing. <i>Gut Pathogens</i> , 2019, 11, 12.	1.6	7
47	Anti-obesity and hypolipidemic effect of water extract from <i>Pleurotus citrinopileatus</i> in C57BL/6J mice. <i>Food Science and Nutrition</i> , 2019, 7, 1295-1301.	1.5	30
48	A 90-day subchronic toxicology screen of genetically modified rice Lac-3 and its effects on the gut microbiota in Sprague-Dawley rats. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 103, 292-300.	1.3	0
49	Precision toxicology shows that troxerutin alleviates ochratoxin A-induced renal lipotoxicity. <i>FASEB Journal</i> , 2019, 33, 2212-2227.	0.2	29
50	No subchronic toxicity of multiple herbicide-resistant soybean FG72 in Sprague-Dawley rats by 90-days feeding study. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 94, 299-305.	1.3	7
51	Hypoglycemic and hypolipidemic effect of S-allyl-cysteine sulfoxide (alliin) in DIO mice. <i>Scientific Reports</i> , 2018, 8, 3527.	1.6	77
52	Safety evaluation of subchronic feeding of <i>nisl</i> transformed <i>Lactobacillus plantarum</i> in Sprague-Dawley rats. <i>Journal of Food Safety</i> , 2018, 38, e12427.	1.1	2
53	Purple lettuce ( <i>Lactuca sativa</i> L.) attenuates metabolic disorders in diet induced obesity. <i>Journal of Functional Foods</i> , 2018, 45, 462-470.	1.6	22
54	Evaluating Potential Risks of Food Allergy and Toxicity of Soy Leghemoglobin Expressed in <i>Pichia pastoris</i> . <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700297.	1.5	47

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55	Fatty acid oxidation alleviates the energy deficiency caused by the loss of MPC1 in MPC1+/Δ <sup>m</sup> mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1008-1013.	1.0	19
56	iTRAQ-based quantitative tissue proteomic analysis of differentially expressed proteins (DEPs) in non-transgenic and transgenic soybean seeds. <i>Scientific Reports</i> , 2018, 8, 17681.	1.6	48
57	Characterization and Beige Adipogenic Potential of Human Embryo White Adipose Tissue-Derived Stem Cells. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 2900-2915.	1.1	6
58	Procyanidin attenuates weight gain and modifies the gut microbiota in high fat diet induced obese mice. <i>Journal of Functional Foods</i> , 2018, 49, 362-368.	1.6	52
59	Mulberry leaf tea alleviates diabetic nephropathy by inhibiting PKC signaling and modulating intestinal flora. <i>Journal of Functional Foods</i> , 2018, 46, 118-127.	1.6	32
60	Safety evaluation of genetically modified DAS-40278-9 maize in a subchronic rodent feeding study. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 96, 146-152.	1.3	5
61	The food safety of DP-356Δ <sup>43</sup> soybeans on SD rats reflected by physiological variables and fecal microbiota during a 90-day feeding study. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 97, 144-151.	1.3	0
62	A 28-day subchronic feeding study of chicken injected by genetically modified DNA-vaccine of avian influenzas in Sprague-Dawley rats. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 98, 245-249.	1.3	2
63	Mitigation of cell apoptosis induced by ochratoxin A (OTA) is possibly through organic cation transport 2 (OCT2) knockout. <i>Food and Chemical Toxicology</i> , 2018, 121, 15-23.	1.8	10
64	Adipose tissues of MPC1 <sup>Δ<sup>m</sup></sup> mice display altered lipid metabolism-related enzyme expression levels. <i>PeerJ</i> , 2018, 6, e5799.	0.9	8
65	Rice- or pork-based diets with similar calorie and content result in different rat gut microbiota. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 829-839.	1.3	4
66	Mulberry leaf alleviates streptozotocin-induced diabetic rats by attenuating NEFA signaling and modulating intestinal microflora. <i>Scientific Reports</i> , 2017, 7, 12041.	1.6	59
67	Safety assessment of transgenic canola RF3 with bar and barstar gene on Sprague-Dawley (SD) rats by 90-day feeding test. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, 226-234.	1.3	5
68	Zinc enhances the cellular energy supply to improve cell motility and restore impaired energetic metabolism in a toxic environment induced by OTA. <i>Scientific Reports</i> , 2017, 7, 14669.	1.6	27
69	Limited Link between Oxidative Stress and Ochratoxin A-Induced Renal Injury in an Acute Toxicity Rat Model. <i>Toxins</i> , 2016, 8, 373.	1.5	34
70	In Vivo Effects of Pichia Pastoris-Expressed Antimicrobial Peptide Hepcidin on the Community Composition and Metabolism Gut Microbiota of Rats. <i>PLoS ONE</i> , 2016, 11, e0164771.	1.1	7
71	Characterization of a cadmium resistance <i>Lactococcus lactis</i> subsp. <i>lactis</i> strain by antioxidant assays and proteome profiles methods. <i>Environmental Toxicology and Pharmacology</i> , 2016, 46, 286-291.	2.0	23
72	Cadmium tolerant characteristic of a newly isolated <i>Lactococcus lactis</i> subsp. <i>lactis</i> . <i>Environmental Toxicology and Pharmacology</i> , 2016, 48, 183-190.	2.0	26

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73	Rat and poultry feeding studies with soybean meal produced from imidazolinone-tolerant (CV127) soybeans. <i>Food and Chemical Toxicology</i> , 2016, 88, 48-56.	1.8	6
74	A subchronic feeding study of dicamba-tolerant soybean with the dmo gene in Sprague-Dawley rats. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 77, 134-142.	1.3	8
75	Potential subchronic food safety of the stacked trait transgenic maize GH5112E-117C in Sprague-Dawley rats. <i>Transgenic Research</i> , 2016, 25, 453-463.	1.3	13
76	Effects of neutrophils peptide-1 transgenic <i>Chlorella ellipsoidea</i> on the gut microbiota of male Sprague-Dawley rats, as revealed by high-throughput 16S rRNA sequencing. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 43.	1.7	5
77	Safety assessment of lepidopteran insect-protected transgenic rice with cry2A* gene. <i>Transgenic Research</i> , 2016, 25, 163-172.	1.3	18
78	miR-122 plays an important role in ochratoxin A-induced hepatocyte apoptosis in vitro and in vivo. <i>Toxicology Research</i> , 2016, 5, 160-167.	0.9	20
79	Zinc inhibits the reproductive toxicity of Zearalenone in immortalized murine ovarian granular KK-1 cells. <i>Scientific Reports</i> , 2015, 5, 14277.	1.6	26
80	Red Ginseng and Semen Coicis can improve the structure of gut microbiota and relieve the symptoms of ulcerative colitis. <i>Journal of Ethnopharmacology</i> , 2015, 162, 7-13.	2.0	90
81	A 90-day subchronic study of rats fed lean pork from genetically modified pigs with muscle-specific expression of recombinant follistatin. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 620-628.	1.3	5
82	Safety assessment of genetically modified rice expressing human serum albumin from urine metabonomics and fecal bacterial profile. <i>Food and Chemical Toxicology</i> , 2015, 76, 1-10.	1.8	12
83	Toxicological Evaluation of Lactase Derived from Recombinant <i>Pichia pastoris</i> . <i>PLoS ONE</i> , 2014, 9, e106470.	1.1	9
84	Ochratoxin A induces rat renal carcinogenicity with limited induction of oxidative stress responses. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 543-549.	1.3	33
85	Production and optimization of a kiwi pectin methylesterase inhibitor in <i>Pichia pastoris</i> GS115. <i>Food Science and Biotechnology</i> , 2014, 23, 1971-1976.	1.2	3
86	Analysis of Individual and Combined Effects of Ochratoxin A and Zearalenone on HepG2 and KK-1 Cells with Mathematical Models. <i>Toxins</i> , 2014, 6, 1177-1192.	1.5	44
87	DNA damage and S phase arrest induced by Ochratoxin A in human embryonic kidney cells (HEK 293). <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 765, 22-31.	0.4	47
88	Combination of Metagenomics and Culture-Based Methods to Study the Interaction Between Ochratoxin A and Gut Microbiota. <i>Toxicological Sciences</i> , 2014, 141, 314-323.	1.4	80
89	Mitochondrial proteomic analysis reveals the molecular mechanisms underlying reproductive toxicity of zearalenone in MLTC-1 cells. <i>Toxicology</i> , 2014, 324, 55-67.	2.0	39
90	Subchronic toxicity study in vivo and allergenicity study in vitro for genetically modified rice that expresses pharmaceutical protein (human serum albumin). <i>Food and Chemical Toxicology</i> , 2014, 72, 242-246.	1.8	18

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91	Ochratoxin A induced early hepatotoxicity: new mechanistic insights from microRNA, mRNA and proteomic profiling studies. <i>Scientific Reports</i> , 2014, 4, .	1.6	54
92	A 90-day feeding study of glyphosate-tolerant maize with the G2-aroA gene in Sprague-Dawley rats. <i>Food and Chemical Toxicology</i> , 2013, 51, 280-287.	1.8	42
93	Simultaneous Determination of 15 Plant Growth Regulators in Bean Sprout and Tomato with Liquid Chromatographyâ€“Triple Quadrupole Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2013, 6, 941-951.	1.3	38
94	Effects of genetically modified T2A-1 rice on the GI health of rats after 90-day supplement. <i>Scientific Reports</i> , 2013, 3, 1962.	1.6	28
95	Subchronic feeding study of stacked trait genetically-modified soybean (3Ã~5423Ã—40-3-2) in Spragueâ€“Dawley rats. <i>Food and Chemical Toxicology</i> , 2012, 50, 3256-3263.	1.8	35
96	Safety assessment of transgenic <i>Bacillus thuringiensis</i> rice T1câ€“19 in Spragueâ€“Dawley rats from metabonomics and bacterial profile perspectives. <i>IUBMB Life</i> , 2012, 64, 242-250.	1.5	30
97	Expression, purification and refolding of recombinant Cry1Ab/Ac obtained in <i>Escherichia coli</i> as inclusion bodies. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 796-801.	1.7	5