Xiaozhong Yu

List of Publications by Year in descending order

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57	1,961	230014	299063
papers	citations	27 h-index	42 g-index

59	59	59	1996
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Children with Amalgam Dental Restorations Have Significantly Elevated Blood and Urine Mercury Levels. Toxicological Sciences, 2021, 184, 104-126.	1.4	5
2	High-Content Image-Based Single-Cell Phenotypic Analysis for the Testicular Toxicity Prediction Induced by Bisphenol A and Its Analogs Bisphenol S, Bisphenol AF, and Tetrabromobisphenol A in a Three-Dimensional Testicular Cell Co-culture Model. Toxicological Sciences, 2020, 173, 313-335.	1.4	18
3	A biomonitoring assessment of secondhand exposures to electronic cigarette emissions. International Journal of Hygiene and Environmental Health, 2019, 222, 816-823.	2.1	21
4	Manipulation of Single Cells Using a Ferromagnetic Nanorod Cluster Actuated by Weak AC Magnetic Fields. Advanced Biology, 2019, 3, e1800246.	3.0	11
5	Air monitoring at large public electronic cigarette events. International Journal of Hygiene and Environmental Health, 2018, 221, 541-547.	2.1	17
6	Elevated Nicotine Dependence Scores among Electronic Cigarette Users at an Electronic Cigarette Convention. Journal of Community Health, 2018, 43, 164-174.	1.9	18
7	Effects of bisphenol A and its analogs on reproductive health: A mini review. Reproductive Toxicology, 2018, 79, 96-123.	1.3	224
8	Arsenic-induced apoptosis in the p53-proficient and p53-deficient cells through differential modulation of NFκB pathway. Food and Chemical Toxicology, 2018, 118, 849-860.	1.8	24
9	Diazinon exposure activated transcriptional factors CCAAT-enhancer-binding proteins Î± (C/EBPÎ±) and peroxisome proliferator-activated receptor Î³ (PPARÎ³) and induced adipogenesis in 3T3-L1 preadipocytes. Pesticide Biochemistry and Physiology, 2018, 150, 48-58.	1.6	35
10	From the Cover: An Animal-Free In Vitro Three-Dimensional Testicular Cell Coculture Model for Evaluating Male Reproductive Toxicants. Toxicological Sciences, 2017, 159, 307-326.	1.4	15
11	High-Content Analysis Provides Mechanistic Insights into the Testicular Toxicity of Bisphenol A and Selected Analogues in Mouse Spermatogonial Cells. Toxicological Sciences, 2017, 155, 43-60.	1.4	48
12	Associations of blood mercury, inorganic mercury, methyl mercury and bisphenol A with dental surface restorations in the U.S. population, NHANES 2003â€“2004 and 2010â€“2012. Ecotoxicology and Environmental Safety, 2016, 134, 213-225.	2.9	20
13	Benzyl butyl phthalate promotes adipogenesis in 3T3-L1 preadipocytes: A High Content Cellomics and metabolomic analysis. Toxicology in Vitro, 2016, 32, 297-309.	1.1	37
14	Occupational Health Hazards among Healthcare Workers in Kampala, Uganda. Journal of Environmental and Public Health, 2015, 2015, 1-9.	0.4	76
15	Stage-specific signaling pathways during murine testis development and spermatogenesis: A pathway-based analysis to quantify developmental dynamics. Reproductive Toxicology, 2015, 51, 31-39.	1.3	5
16	Physiologically Based Pharmacokinetic Modeling for 1-Bromopropane in F344 Rats Using Gas Uptake Inhalation Experiments. Toxicological Sciences, 2015, 145, 23-36.	1.4	6
17	Comparison of toxicogenomic responses to phthalate ester exposure in an organotypic testis co-culture model and responses observed in vivo. Reproductive Toxicology, 2015, 58, 149-159.	1.3	13
18	Melphalan, alone or conjugated to an FSH-Î² peptide, kills murine testicular cells inÂvitro and transiently suppresses murine spermatogenesis inÂvivo. Theriogenology, 2014, 82, 152-159.	0.9	9

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19	Preparation of Rodent Testis Coâ€Cultures. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2013, 55, Unit 16.10.	1.1	14
20	The Glutathione Synthesis Gene Gclm Modulates Amphiphilic Polymer-Coated CdSe/ZnS Quantum Dotâ€"Induced Lung Inflammation in Mice. PLoS ONE, 2013, 8, e64165.	1.1	29
21	In vitro testicular toxicity models: Opportunities for advancement via biomedical engineering techniques. ALTEX: Alternatives To Animal Experimentation, 2013, 30, 353-377.	0.9	26
22	Arsenic- and cadmium-induced toxicogenomic response in mouse embryos undergoing neurulation. Toxicology and Applied Pharmacology, 2011, 250, 117-129.	1.3	45
23	Cadmium Induced p53-Dependent Activation of Stress Signaling, Accumulation of Ubiquitinated Proteins, and Apoptosis in Mouse Embryonic Fibroblast Cells. Toxicological Sciences, 2011, 120, 403-412.	1.4	32
24	Metals Induced Disruption of Ubiquitin Proteasome System, Activation of Stress Signaling and Apoptosis. , 2011, , 291-311.		1
25	Embryonic toxicokinetic and dynamic differences underlying strain sensitivity to cadmium during neurulation. Reproductive Toxicology, 2010, 29, 279-285.	1.3	12
26	Methylmercury induced toxicogenomic response in C57 and SWV mouse embryos undergoing neural tube closure. Reproductive Toxicology, 2010, 30, 284-291.	1.3	30
27	Toxicogenomic profiling in maternal and fetal rodent brains following gestational exposure to chlorpyrifos. Toxicology and Applied Pharmacology, 2010, 245, 310-325.	1.3	40
28	Integrating genetic and toxicogenomic information for determining underlying susceptibility to developmental disorders. Birth Defects Research Part A: Clinical and Molecular Teratology, 2010, 88, 920-930.	1.6	10
29	A systemsâ€based approach to investigate doseâ€and timeâ€dependent methylmercuryâ€induced gene expression response in C57BL/6 mouse embryos undergoing neurulation. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2010, 89, 188-200.	1.4	13
30	A System-Based Comparison of Gene Expression Reveals Alterations in Oxidative Stress, Disruption of Ubiquitin-Proteasome System and Altered Cell Cycle Regulation after Exposure to Cadmium and Methylmercury in Mouse Embryonic Fibroblast. Toxicological Sciences, 2010, 114, 356-377.	1.4	49
31	Cadmium-Induced Differential Toxicogenomic Response in Resistant and Sensitive Mouse Strains Undergoing Neurulation. Toxicological Sciences, 2009, 107, 206-219.	1.4	44
32	Improving in vitro Sertoli cell/gonocyte co-culture model for assessing male reproductive toxicity: Lessons learned from comparisons of cytotoxicity versus genomic responses to phthalates. Toxicology and Applied Pharmacology, 2009, 239, 325-336.	1.3	41
33	Gene expression profiling analysis reveals arsenic-induced cell cycle arrest and apoptosis in p53-proficient and p53-deficient cells through differential gene pathways. Toxicology and Applied Pharmacology, 2008, 233, 389-403.	1.3	28
34	Cadmium-induced Activation of Stress Signaling Pathways, Disruption of Ubiquitin-dependent Protein Degradation and Apoptosis in Primary Rat Sertoli Cell-Gonocyte Cocultures. Toxicological Sciences, 2008, 104, 385-396.	1.4	77
35	A Pilot Study of Gene Expression Analysis in Workers with Hand-Arm Vibration Syndrome. Industrial Health, 2008, 46, 188-193.	0.4	2
36	Cell Cycle Inhibition by Sodium Arsenite in Primary Embryonic Rat Midbrain Neuroepithelial Cells. Toxicological Sciences, 2006, 89, 475-484.	1.4	36

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37	A System-Based Approach to Interpret Dose- and Time-Dependent Microarray Data: Quantitative Integration of Gene Ontology Analysis for Risk Assessment. Toxicological Sciences, 2006, 92, 560-577.	1.4	50
38	Essential Role of Extracellular Matrix (ECM) Overlay in Establishing the Functional Integrity of Primary Neonatal Rat Sertoli Cell/Gonocyte Co-cultures: An Improved In Vitro Model for Assessment of Male Reproductive Toxicity. Toxicological Sciences, 2005, 84, 378-393.	1.4	51
39	A survey on exposure level, health status, and biomarkers in workers exposed to 1-bromopropane. American Journal of Industrial Medicine, 2004, 45, 63-75.	1.0	45
40	Dose-Dependent Biochemical Changes in Rat Central Nervous System after 12-Week Exposure to 1-Bromopropane. NeuroToxicology, 2003, 24, 199-206.	1.4	47
41	Exposure to 1-Bromopropane Causes Ovarian Dysfunction in Rats. Toxicological Sciences, 2003, 71, 96-103.	1.4	43
42	Biochemical Changes in the Central Nervous System of Rats Exposed to 1-Bromopropane for Seven Days. Toxicological Sciences, 2002, 67, 114-120.	1.4	44
43	Neurotoxicity of 2-Bromopropane and 1-Bromopropane, Alternative Solvents for Chlorofluorocarbons. Environmental Research, 2001, 85, 48-52.	3.7	39
44	Urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine and Biopyrrins Levels among Construction Workers with Asbestos Exposure History.. Industrial Health, 2001, 39, 186-188.	0.4	28
45	Involvement of Bcl-2 Family Genes and Fas Signaling System in Primary and Secondary Male Germ Cell Apoptosis Induced by 2-Bromopropane in Rat. Toxicology and Applied Pharmacology, 2001, 174, 35-48.	1.3	50
46	Effect of inhalation exposure to 2-bromopropane on the nervous system in rats. Toxicology, 1999, 135, 87-93.	2.0	27
47	2-Bromopropane Causes Ovarian Dysfunction by Damaging Primordial Follicles and Their Oocytes in Female Rats. Toxicology and Applied Pharmacology, 1999, 159, 185-193.	1.3	55
48	Occupational health survey on workers exposed to 2-bromopropane at low concentrations. , 1999, 35, 523-531.		34
49	Urinary 2,5-hexanedione increases with potentiation of neurotoxicity in chronic coexposure to n -hexane and methyl ethyl ketone. International Archives of Occupational and Environmental Health, 1998, 71, 100-104.	1.1	24
50	Preliminary Report on the Neurotoxicity of 1â€Bromopropane, an Alternative Solvent for Chlorofluorocarbons. Journal of Occupational Health, 1998, 40, 234-235.	1.0	58
51	Physiologically Based Pharmacokinetic Modeling of Metabolic Interactions between nâ€Hexane and Toluene in Humans. Journal of Occupational Health, 1998, 40, 293-301.	1.0	16
52	Disruption in Ovarian Cyclicity Due to 2â€Bromopropane in the Rat. Journal of Occupational Health, 1997, 39, 3-4.	1.0	16
53	Ovarian Toxicity of 2â€Bromopropane in the Nonâ€Pregnant Female Rat. Journal of Occupational Health, 1997, 39, 144-149.	1.0	45
54	Testicular and Hematopoietic Toxicity of 2â€Bromopropane, a Substitute for Ozone Layerâ€Depleting Chlorofluorocarbons. Journal of Occupational Health, 1997, 39, 57-63.	1.0	77

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55	2â€Bromopropaneâ€Induced Hypoplasia of Bone Marrow in Male Rats. Journal of Occupational Health, 1997, 39, 228-233.	1.0	25
56	Histopathologic Findings of Bone Marrow Induced by 2â€Bromopropane in Male Rats. Journal of Occupational Health, 1997, 39, 81-82.	1.0	9
57	Testicular Toxicity of 2â€Bromopropane. Journal of Occupational Health, 1996, 38, 205-206.	1.0	36