

Qiaoxiang Dong

List of Publications by Year in descending order

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99
papers

3,939
citations

94269

37
h-index

138251

58
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101
all docs

101
docs citations

101
times ranked

4385
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicity, uptake kinetics and behavior assessment in zebrafish embryos following exposure to perfluorooctanesulphonic acid (PFOS). <i>Aquatic Toxicology</i> , 2010, 98, 139-147.	1.9	232
2	Polycyclic aromatic hydrocarbons in water, sediment, soil, and plants of the Aojiang River waterway in Wenzhou, China. <i>Journal of Hazardous Materials</i> , 2010, 173, 75-81.	6.5	122
3	BDE-47 disrupts axonal growth and motor behavior in developing zebrafish. <i>Aquatic Toxicology</i> , 2012, 120-121, 35-44.	1.9	111
4	The importance of mitochondrial metabolic activity and mitochondrial DNA replication during oocyte maturation in vitro on oocyte quality and subsequent embryo developmental competence. <i>Molecular Reproduction and Development</i> , 2012, 79, 392-401.	1.0	109
5	Chronic zebrafish PFOS exposure alters sex ratio and maternal related effects in F1 offspring. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2073-2080.	2.2	106
6	Chronic perfluorooctane sulfonate (PFOS) exposure induces hepatic steatosis in zebrafish. <i>Aquatic Toxicology</i> , 2016, 176, 45-52.	1.9	106
7	Photobiological effects of UVA and UVB light in zebrafish embryos: Evidence for a competent photorepair system. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2007, 88, 137-146.	1.7	102
8	Polybrominated diphenyl ethers in water, sediment, soil, and biological samples from different industrial areas in Zhejiang, China. <i>Journal of Hazardous Materials</i> , 2011, 197, 211-219.	6.5	101
9	Chronic zebrafish low dose decabrominated diphenyl ether (BDE-209) exposure affected parental gonad development and locomotion in F1 offspring. <i>Ecotoxicology</i> , 2011, 20, 1813-1822.	1.1	94
10	Reproductive toxicity of low level bisphenol A exposures in a two-generation zebrafish assay: Evidence of male-specific effects. <i>Aquatic Toxicology</i> , 2015, 169, 204-214.	1.9	93
11	Tetrabromobisphenol A and heavy metal exposure via dust ingestion in an e-waste recycling region in Southeast China. <i>Science of the Total Environment</i> , 2016, 541, 356-364.	3.9	82
12	TBBPA exposure during a sensitive developmental window produces neurobehavioral changes in larval zebrafish. <i>Environmental Pollution</i> , 2016, 216, 53-63.	3.7	79
13	Toxicity assessment of zebrafish following exposure to CdTe QDs. <i>Journal of Hazardous Materials</i> , 2012, 213-214, 413-420.	6.5	74
14	Developmental toxicity of cartap on zebrafish embryos. <i>Aquatic Toxicology</i> , 2009, 95, 339-346.	1.9	72
15	Evaluation of the developmental toxicity of 2,7-dibromocarbazole to zebrafish based on transcriptomics assay. <i>Journal of Hazardous Materials</i> , 2019, 368, 514-522.	6.5	70
16	Commercial-scale sperm cryopreservation of diploid and tetraploid Pacific oysters, <i>Crassostrea gigas</i> . <i>Cryobiology</i> , 2005, 50, 1-16.	0.3	68
17	Heavy Metal Contamination from Electronic Waste Recycling at Guiyu, Southeastern China. <i>Journal of Environmental Quality</i> , 2009, 38, 1617-1626.	1.0	65
18	Inhibition of ROS production through mitochondria-targeted antioxidant and mitochondrial uncoupling increases post-thaw sperm viability in yellow catfish. <i>Cryobiology</i> , 2014, 69, 386-393.	0.3	65

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19	Chronic perfluorooctanesulphonic acid (PFOS) exposure produces estrogenic effects in zebrafish. <i>Environmental Pollution</i> , 2016, 218, 702-708.	3.7	65
20	Control of sperm concentration is necessary for standardization of sperm cryopreservation in aquatic species: Evidence from sperm agglutination in oysters. <i>Cryobiology</i> , 2007, 54, 87-98.	0.3	64
21	Optimization of activation, collection, dilution, and storage methods for zebrafish sperm. <i>Aquaculture</i> , 2009, 290, 165-171.	1.7	63
22	Developmental bisphenol A exposure impairs sperm function and reproduction in zebrafish. <i>Chemosphere</i> , 2017, 169, 262-270.	4.2	62
23	Preparation of magnetic multi-functional molecularly imprinted polymer beads for determining environmental estrogens in water samples. <i>Journal of Hazardous Materials</i> , 2013, 252-253, 57-63.	6.5	61
24	Developmental and behavioral alterations in zebrafish embryonically exposed to valproic acid (VPA): An aquatic model for autism. <i>Neurotoxicology and Teratology</i> , 2018, 66, 8-16.	1.2	59
25	Systematic factor optimization for cryopreservation of shipped sperm samples of diploid Pacific Oysters, <i>Crassostrea gigas</i> . <i>Cryobiology</i> , 2005, 51, 176-197.	0.3	55
26	Environmental relevant concentrations of benzophenone-3 induced developmental neurotoxicity in zebrafish. <i>Science of the Total Environment</i> , 2020, 721, 137686.	3.9	54
27	Early life perfluorooctanesulphonic acid (PFOS) exposure impairs zebrafish organogenesis. <i>Aquatic Toxicology</i> , 2014, 150, 124-132.	1.9	53
28	Effects of Dechlorane Plus exposure on axonal growth, musculature and motor behavior in embryo-larval zebrafish. <i>Environmental Pollution</i> , 2017, 224, 7-15.	3.7	52
29	Trimethyltin chloride (TMT) neurobehavioral toxicity in embryonic zebrafish. <i>Neurotoxicology and Teratology</i> , 2011, 33, 721-726.	1.2	51
30	Chronic PFOS exposures induce life stage-specific behavioral deficits in adult zebrafish and produce malformation and behavioral deficits in F1 offspring. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 201-206.	2.2	51
31	Daily intake of polybrominated diphenyl ethers via dust and diet from an e-waste recycling area in China. <i>Journal of Hazardous Materials</i> , 2014, 276, 35-42.	6.5	51
32	Bisphenol A affects axonal growth, musculature and motor behavior in developing zebrafish. <i>Aquatic Toxicology</i> , 2013, 142-143, 104-113.	1.9	49
33	Toxicological effect of MPA-CdSe QDs exposure on zebrafish embryo and larvae. <i>Chemosphere</i> , 2012, 89, 52-59.	4.2	48
34	Sperm cryopreservation of green swordtail <i>Xiphophorus helleri</i> , a fish with internal fertilization. <i>Cryobiology</i> , 2004, 48, 295-308.	0.3	46
35	Toxic effects of copper ion in zebrafish in the joint presence of CdTe QDs. <i>Environmental Pollution</i> , 2013, 176, 158-164.	3.7	43
36	Celecoxib targets breast cancer stem cells by inhibiting the synthesis of prostaglandin E2 and down-regulating the Wnt pathway activity. <i>Oncotarget</i> , 2017, 8, 115254-115269.	0.8	43

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37	TBBPA chronic exposure produces sex-specific neurobehavioral and social interaction changes in adult zebrafish. <i>Neurotoxicology and Teratology</i> , 2016, 56, 9-15.	1.2	41
38	Initial studies on sperm cryopreservation of a live-bearing fish, the green swordtail <i>Xiphophorus helleri</i> . <i>Theriogenology</i> , 2004, 62, 179-194.	0.9	38
39	Perfluorinated chemicals in blood of residents in Wenzhou, China. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1787-1793.	2.9	37
40	Characterization of retinoic acid-induced neurobehavioral effects in developing zebrafish. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 431-437.	2.2	35
41	Determination of Estrone and 17 β -Estradiol in Water Samples Using Dispersive Liquid-Liquid Microextraction Followed by LC. <i>Chromatographia</i> , 2010, 71, 405-410.	0.7	34
42	Pubertal Bisphenol A Exposure Alters Murine Mammary Stem Cell Function Leading to Early Neoplasia in Regenerated Glands. <i>Cancer Prevention Research</i> , 2014, 7, 445-455.	0.7	34
43	A Study on Environmental Bisphenol A Pollution in Plastics Industry Areas. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	34
44	Chronic PFOS Exposure Disrupts Thyroid Structure and Function in Zebrafish. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 101, 75-79.	1.3	34
45	Mammospheres from murine mammary stem cell-enriched basal cells: Clonal characteristics and repopulating potential. <i>Stem Cell Research</i> , 2013, 10, 396-404.	0.3	33
46	Sperm cryopreservation of a live-bearing fish, the platyfish <i>Xiphophorus couchianus</i> . <i>Theriogenology</i> , 2004, 62, 971-989.	0.9	32
47	A theoretically estimated optimal cooling rate for the cryopreservation of sperm cells from a live-bearing fish, the green swordtail <i>Xiphophorus helleri</i> . <i>Theriogenology</i> , 2005, 63, 2395-2415.	0.9	31
48	Variation in the Membrane Transport Properties and Predicted Optimal Rates of Freezing for Spermatozoa of Diploid and Tetraploid Pacific Oyster, <i>Crassostrea gigas</i> 1. <i>Biology of Reproduction</i> , 2004, 70, 1428-1437.	1.2	29
49	Standardization of photometric measurement of sperm concentration from diploid and tetraploid Pacific oysters, <i>Crassostrea gigas</i> (Thunberg). <i>Aquaculture Research</i> , 2005, 36, 86-93.	0.9	29
50	Spermatozoal ultrastructure of diploid and tetraploid Pacific oysters. <i>Aquaculture</i> , 2005, 249, 487-496.	1.7	29
51	Preparation of heteroduplex enhanced green fluorescent protein plasmid for in vivo mismatch repair activity assay. <i>Analytical Biochemistry</i> , 2009, 388, 167-169.	1.1	29
52	Polybrominated diphenyl ethers (PBDEs) in human serum from Southeast China. <i>Ecotoxicology and Environmental Safety</i> , 2012, 78, 206-211.	2.9	29
53	Cryopreservation of Rhesus Monkey (<i>Macaca mulatta</i>) Epididymal Spermatozoa Before and After Refrigerated Storage. <i>Journal of Andrology</i> , 2008, 29, 283-292.	2.0	28
54	Rhesus monkey sperm cryopreservation with TEST-yolk extender in the absence of permeable cryoprotectant. <i>Cryobiology</i> , 2009, 58, 20-27.	0.3	28

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55	Sperm cryopreservation of the endangered red spotted grouper, <i>Epinephelus akaara</i> , with a special emphasis on membrane lipids. <i>Aquaculture</i> , 2011, 318, 185-190.	1.7	27
56	Impaired mitochondrial function in murine oocytes is associated with controlled ovarian hyperstimulation and in vitro maturation. <i>Reproduction, Fertility and Development</i> , 2012, 24, 945.	0.1	27
57	Benzo[<i>a</i>]pyrene repressed DNA mismatch repair in human breast cancer cells. <i>Toxicology</i> , 2013, 304, 167-172.	2.0	27
58	Interactions among pre-cooling, cryoprotectant, cooling, and thawing for sperm cryopreservation in rhesus monkeys. <i>Cryobiology</i> , 2009, 59, 268-274.	0.3	25
59	Cryoprotectant optimization for sperm of diploid Pacific oysters by use of commercial dairy sperm freezing facilities. <i>Aquaculture</i> , 2007, 271, 537-545.	1.7	24
60	Rapid well-plate assays for motor and social behaviors in larval zebrafish. <i>Behavioural Brain Research</i> , 2020, 391, 112625.	1.2	24
61	Whole-body aerosol exposure of cadmium chloride (CdCl ₂) and tetrabromobisphenol A (TBBPA) induced hepatic changes in CD-1 male mice. <i>Journal of Hazardous Materials</i> , 2016, 318, 109-116.	6.5	23
62	Developmental co-exposure of TBBPA and titanium dioxide nanoparticle induced behavioral deficits in larval zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112176.	2.9	23
63	Optimization of handling and refrigerated storage of guppy <i>Poecilia reticulata</i> sperm. <i>Journal of Fish Biology</i> , 2010, 77, 54-66.	0.7	22
64	Maternal exposure to low dose BDE209 and Pb mixture induced neurobehavioral anomalies in C57BL/6 male offspring. <i>Toxicology</i> , 2019, 418, 70-80.	2.0	22
65	Systematic factor optimization for sperm cryopreservation of tetraploid Pacific oysters, <i>Crassostrea gigas</i> . <i>Theriogenology</i> , 2006, 66, 387-403.	0.9	20
66	Sperm cryopreservation in guppies and black mollies—A generalized freezing protocol for livebearers in Poeciliidae. <i>Cryobiology</i> , 2009, 59, 351-356.	0.3	20
67	Neurodevelopmental toxicity assessments of alkyl phenanthrene and Dieldrin Plus co-exposure in zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 762-769.	2.9	19
68	Antioxidants, Oxyrase, and mitochondrial uncoupler 2,4-dinitrophenol improved postthaw survival of rhesus monkey sperm from ejaculates with low cryosurvival. <i>Fertility and Sterility</i> , 2010, 94, 2359-2361.	0.5	18
69	Characterization of mammary epithelial stem/progenitor cells and their changes with aging in common marmosets. <i>Scientific Reports</i> , 2016, 6, 32190.	1.6	18
70	Developmental titanium dioxide nanoparticle exposure induces oxidative stress and neurobehavioral changes in zebrafish. <i>Aquatic Toxicology</i> , 2021, 240, 105990.	1.9	17
71	Utilization and degradation of imazaquin by a naturally occurring isolate of <i>Arthrobacter crystallopoietes</i> . <i>Chemosphere</i> , 2007, 67, 2156-2162.	4.2	16
72	Effects of cryoprotectant toxicity on the embryos and larvae of pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , 2004, 242, 655-670.	1.7	15

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73	Sperm cryopreservation of yellow drum <i>Nibea albiflora</i> : A special emphasis on post-thaw sperm quality. <i>Aquaculture</i> , 2012, 368-369, 82-88.	1.7	15
74	Upregulation of uncoupling protein Ucp2 through acute cold exposure increases post-thaw sperm quality in zebrafish. <i>Cryobiology</i> , 2015, 71, 464-471.	0.3	15
75	Aging is associated with an expansion of CD49 ^{hi} mammary stem cells that show a decline in function and increased transformation potential. <i>Aging</i> , 2016, 8, 2754-2776.	1.4	15
76	Post-thaw amendment of cryopreserved sperm for use in artificial insemination of a viviparous fish, the green swordtail <i>Xiphophorus helleri</i> . <i>Aquaculture</i> , 2006, 259, 403-414.	1.7	14
77	Effect of Egg Yolk on Cryopreservation of Rhesus Monkey Ejaculated and Epididymal Sperm. <i>Journal of Andrology</i> , 2009, 30, 309-316.	2.0	14
78	Fixation methods can produce misleading artifacts in sperm cell ultrastructure of diploid and tetraploid Pacific oysters, <i>Crassostrea gigas</i> . <i>Cell and Tissue Research</i> , 2006, 324, 335-345.	1.5	12
79	UVA-induced photo recovery during early zebrafish embryogenesis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2008, 93, 162-171.	1.7	12
80	Rapid isolation of highly pure single-stranded DNA from phagemids. <i>Analytical Biochemistry</i> , 2009, 389, 177-179.	1.1	12
81	The use of cryomicroscopy in guppy sperm freezing. <i>Cryobiology</i> , 2010, 61, 182-188.	0.3	12
82	Frozen-thawed rhesus sperm retain normal morphology and highly progressive motility but exhibit sharply reduced efficiency in penetrating cervical mucus and hyaluronic acid gel. <i>Cryobiology</i> , 2011, 62, 15-21.	0.3	11
83	Waterborne exposure to clodinafopropargyl disrupts the posterior and ventral development of zebrafish embryos. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 1576-1581.	2.2	11
84	Stem/Progenitor Cells in Murine Mammary Gland: Isolation and Functional Characterization. <i>Methods in Molecular Biology</i> , 2012, 879, 179-193.	0.4	11
85	Early life stage trimethyltin exposure induces ADP-ribosylation factor expression and perturbs the vascular system in zebrafish. <i>Toxicology</i> , 2012, 302, 129-139.	2.0	11
86	Cooling rate optimization for zebrafish sperm cryopreservation using a cryomicroscope coupled with SYBR14/PI dual staining. <i>Cryobiology</i> , 2013, 67, 117-123.	0.3	11
87	Evaluation of activation and storage conditions for sperm of yellow drum <i>Nibea albiflora</i> . <i>Aquaculture</i> , 2012, 324-325, 319-322.	1.7	10
88	Cryopreservation disrupts lipid rafts and heat shock proteins in yellow catfish sperm. <i>Cryobiology</i> , 2019, 87, 32-39.	0.3	10
89	Selective extraction of bisphenol A from water by one monomer molecularly imprinted magnetic nanoparticles. <i>Journal of Separation Science</i> , 2018, 41, 2029-2036.	1.3	9
90	Early life stage transient aristolochic acid exposure induces behavioral hyperactivity but not nephrotoxicity in larval zebrafish. <i>Aquatic Toxicology</i> , 2021, 238, 105916.	1.9	9

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91	In vivo DNA mismatch repair measurement in zebrafish embryos and its use in screening of environmental carcinogens. <i>Journal of Hazardous Materials</i> , 2016, 302, 296-303.	6.5	6
92	Imposex of <i>Mauritia arabica</i> on the south-eastern coast of China. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 1451-1457.	0.4	5
93	Murine mammary stem/progenitor cell isolation: Different method matters?. <i>SpringerPlus</i> , 2016, 5, 140.	1.2	5
94	Population dynamics of <i>Pseudo-nitzschia pungens</i> in Zhelin Bay, China. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2009, 89, 663-668.	0.4	4
95	Transient MPTP exposure at a sensitive developmental window altered gut microbiome and led to male-biased motor and social behavioral deficits in adult zebrafish. <i>NeuroToxicology</i> , 2022, 91, 360-368.	1.4	4
96	Production of bioactive recombinant human fibroblast growth factor 12 using a new transient expression vector in <i>E. coli</i> and its neuroprotective effects. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5419-5431.	1.7	3
97	Characterization of Developmental Neurobehavioral Toxicity in a Zebrafish MPTP-Induced Model: A Novel Mechanism Involving Anemia. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1877-1890.	1.7	3
98	The dynamics of murine mammary stem/progenitor cells. <i>Frontiers in Biology</i> , 2014, 9, 175-185.	0.7	2
99	Subchronic perfluorooctanesulfonate (PFOS) exposure induces elevated mutant frequency in an in vivo transgenic medaka mutation assay. <i>Scientific Reports</i> , 2016, 6, 38466.	1.6	1