

Yi-Xin Wang

List of Publications by Year in descending order

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99
papers

2,808
citations

186265

28
h-index

223800

46
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99
all docs

99
docs citations

99
times ranked

2791
citing authors

#	ARTICLE	IF	CITATIONS
1	Phthalate exposure and human semen quality: Results from an infertility clinic in China. <i>Environmental Research</i> , 2015, 142, 1-9.	7.5	126
2	Potential risks of SARS-CoV-2 infection on reproductive health. <i>Reproductive BioMedicine Online</i> , 2020, 41, 89-95.	2.4	125
3	Urinary levels of bisphenol A, F and S and markers of oxidative stress among healthy adult men: Variability and association analysis. <i>Environment International</i> , 2019, 123, 301-309.	10.0	117
4	Variability of Metal Levels in Spot, First Morning, and 24-Hour Urine Samples over a 3-Month Period in Healthy Adult Chinese Men. <i>Environmental Health Perspectives</i> , 2016, 124, 468-476.	6.0	108
5	Follicular fluid and urinary concentrations of phthalate metabolites among infertile women and associations with in vitro fertilization parameters. <i>Reproductive Toxicology</i> , 2016, 61, 142-150.	2.9	96
6	Menstrual cycle regularity and length across the reproductive lifespan and risk of premature mortality: prospective cohort study. <i>BMJ</i> , The, 2020, 371, m3464.	6.0	90
7	Relationships between seminal plasma metals/metalloids and semen quality, sperm apoptosis and DNA integrity. <i>Environmental Pollution</i> , 2017, 224, 224-234.	7.5	80
8	Semen phthalate metabolites, semen quality parameters and serum reproductive hormones: A cross-sectional study in China. <i>Environmental Pollution</i> , 2016, 211, 173-182.	7.5	77
9	Phthalate exposure in association with serum hormone levels, sperm DNA damage and spermatozoa apoptosis: A cross-sectional study in China. <i>Environmental Research</i> , 2016, 150, 557-565.	7.5	75
10	Semen Phthalate Metabolites, Spermatozoa Apoptosis, and DNA Damage: A Cross-Sectional Study in China. <i>Environmental Science & Technology</i> , 2015, 49, 3805-3812.	10.0	72
11	Hypertensive Disorders of Pregnancy and Subsequent Risk of Premature Mortality. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1302-1312.	2.8	60
12	Urinary Metal Concentrations in Relation to Semen Quality: A Cross-Sectional Study in China. <i>Environmental Science & Technology</i> , 2015, 49, 5052-5059.	10.0	59
13	Drinking-Water Disinfection By-products and Semen Quality: A Cross-Sectional Study in China. <i>Environmental Health Perspectives</i> , 2014, 122, 741-746.	6.0	56
14	Association of urinary metal levels with human semen quality: A cross-sectional study in China. <i>Environment International</i> , 2016, 91, 51-59.	10.0	56
15	Blood Biomarkers of Late Pregnancy Exposure to Trihalomethanes in Drinking Water and Fetal Growth Measures and Gestational Age in a Chinese Cohort. <i>Environmental Health Perspectives</i> , 2016, 124, 536-541.	6.0	54
16	Associations of urinary metal levels with serum hormones, spermatozoa apoptosis and sperm DNA damage in a Chinese population. <i>Environment International</i> , 2016, 94, 177-188.	10.0	53
17	Seminal plasma metabolome in relation to semen quality and urinary phthalate metabolites among Chinese adult men. <i>Environment International</i> , 2019, 129, 354-363.	10.0	53
18	Associations of urinary metal concentrations and circulating testosterone in Chinese men. <i>Reproductive Toxicology</i> , 2013, 41, 109-114.	2.9	50

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19	Involvement of CaM-CaMKII-ERK in bisphenol A-induced Sertoli cell apoptosis. <i>Toxicology</i> , 2014, 324, 27-34.	4.2	50
20	Prenatal urinary polycyclic aromatic hydrocarbon metabolites, global DNA methylation in cord blood, and birth outcomes: A cohort study in China. <i>Environmental Pollution</i> , 2018, 234, 396-405.	7.5	44
21	Temporal variability in urinary levels of drinking water disinfection byproducts dichloroacetic acid and trichloroacetic acid among men. <i>Environmental Research</i> , 2014, 135, 126-132.	7.5	42
22	Sleep duration and quality in relation to semen quality in healthy men screened as potential sperm donors. <i>Environment International</i> , 2020, 135, 105368.	10.0	40
23	Associations of phthalates exposure with attention deficits hyperactivity disorder: A case-control study among Chinese children. <i>Environmental Pollution</i> , 2017, 229, 375-385.	7.5	39
24	Associations of Menstrual Cycle Characteristics Across the Reproductive Life Span and Lifestyle Factors With Risk of Type 2 Diabetes. <i>JAMA Network Open</i> , 2020, 3, e2027928.	5.9	38
25	Follicular fluid concentrations of phthalate metabolites are associated with altered intrafollicular reproductive hormones in women undergoing in vitro fertilization. <i>Fertility and Sterility</i> , 2019, 111, 953-961.	1.0	37
26	Urinary metabolites of polycyclic aromatic hydrocarbons, sperm DNA damage and spermatozoa apoptosis. <i>Journal of Hazardous Materials</i> , 2017, 329, 241-248.	12.4	34
27	Association of spontaneous abortion with all cause and cause specific premature mortality: prospective cohort study. <i>BMJ, The</i> , 2021, 372, n530.	6.0	34
28	Urinary Polycyclic Aromatic Hydrocarbon Metabolites and Human Semen Quality in China. <i>Environmental Science & Technology</i> , 2017, 51, 958-967.	10.0	33
29	Physical activity and sedentary time in relation to semen quality in healthy men screened as potential sperm donors. <i>Human Reproduction</i> , 2019, 34, 2330-2339.	0.9	33
30	Pregnancy loss and risk of cardiovascular disease: the Nurses' Health Study II. <i>European Heart Journal</i> , 2022, 43, 190-199.	2.2	33
31	Blood and urinary biomarkers of prenatal exposure to disinfection byproducts and oxidative stress: A repeated measurement analysis. <i>Environment International</i> , 2020, 137, 105518.	10.0	31
32	Prenatal phthalate exposure, birth outcomes and DNA methylation of Alu and LINE-1 repetitive elements: A pilot study in China. <i>Chemosphere</i> , 2018, 206, 759-765.	8.2	30
33	A prospective study of waist circumference trajectories and incident cardiovascular disease in China: the Kailuan Cohort Study. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 338-347.	4.7	30
34	Urinary phthalate metabolites in relation to serum anti-Müllerian hormone and inhibin B levels among women from a fertility center: a retrospective analysis. <i>Reproductive Health</i> , 2018, 15, 33.	3.1	27
35	Concentrations of vanadium in urine and seminal plasma in relation to semen quality parameters, spermatozoa DNA damage and serum hormone levels. <i>Science of the Total Environment</i> , 2018, 645, 441-448.	8.0	27
36	Profiles, variability and predictors of concentrations of blood trihalomethanes and urinary haloacetic acids along pregnancy among 1760 Chinese women. <i>Environmental Research</i> , 2019, 172, 665-674.	7.5	26

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37	Thyroid function, phthalate exposure and semen quality: Exploring associations and mediation effects in reproductive-aged men. <i>Environment International</i> , 2018, 116, 278-285.	10.0	25
38	The associations of urinary phthalate metabolites with the intermediate and pregnancy outcomes of women receiving IVF/ICSI treatments: A prospective single-center study. <i>Ecotoxicology and Environmental Safety</i> , 2020, 188, 109884.	6.0	25
39	Trimester-Specific Blood Trihalomethane and Urinary Haloacetic Acid Concentrations and Adverse Birth Outcomes: Identifying Windows of Vulnerability during Pregnancy. <i>Environmental Health Perspectives</i> , 2020, 128, 107001.	6.0	25
40	Methamphetamine induced neuroinflammation in mouse brain and microglial cell line BV2: Roles of the TLR4/TRIF/Peli1 signaling axis. <i>Toxicology Letters</i> , 2020, 333, 150-158.	0.8	25
41	Repeated measures of urinary polycyclic aromatic hydrocarbon metabolites in relation to altered reproductive hormones: A cross-sectional study in China. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 1340-1346.	4.3	24
42	Environmental doses of arsenic exposure are associated with increased reproductive-age male urinary hormone excretion and in vitro Leydig cell steroidogenesis. <i>Journal of Hazardous Materials</i> , 2021, 408, 124904.	12.4	24
43	Predictors of urinary trichloroacetic acid and baseline blood trihalomethanes concentrations among men in China. <i>Science of the Total Environment</i> , 2014, 493, 806-811.	8.0	23
44	Predictors of Third Trimester Blood Trihalomethanes and Urinary Trichloroacetic Acid Concentrations among Pregnant Women. <i>Environmental Science & Technology</i> , 2016, 50, 5278-5285.	10.0	22
45	In-situ synthesis of molybdenum sulfide/reduced graphene oxide porous film as robust counter electrode for dye-sensitized solar cells. <i>Journal of Colloid and Interface Science</i> , 2018, 524, 475-482.	9.4	22
46	Mediation of association between polycyclic aromatic hydrocarbon exposure and semen quality by spermatogenesis-related microRNAs: A pilot study in an infertility clinic. <i>Journal of Hazardous Materials</i> , 2020, 384, 121431.	12.4	22
47	Intake of fruits and vegetables according to pesticide residue status in relation to all-cause and disease-specific mortality: Results from three prospective cohort studies. <i>Environment International</i> , 2022, 159, 107024.	10.0	22
48	Mediation of the relationship between phthalate exposure and semen quality by oxidative stress among 1034 reproductive-aged Chinese men. <i>Environmental Research</i> , 2019, 179, 108778.	7.5	21
49	Metal/metalloid levels in urine and seminal plasma in relation to computer-aided sperm analysis motion parameters. <i>Chemosphere</i> , 2019, 214, 791-800.	8.2	21
50	Predictors and correlations of phthalate metabolite concentrations in urine and seminal plasma among reproductive-aged men. <i>Environmental Research</i> , 2018, 161, 336-344.	7.5	20
51	A Prospective Study of Early-pregnancy Thyroid Markers, Lipid Species, and Risk of Gestational Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e804-e814.	3.6	20
52	Involvement of calcium/calmodulin-dependent protein kinase II in methamphetamine-induced neural damage. <i>Journal of Applied Toxicology</i> , 2016, 36, 1460-1467.	2.8	19
53	Prenatal exposure to drinking water disinfection by-products and DNA methylation in cord blood. <i>Science of the Total Environment</i> , 2017, 586, 313-318.	8.0	19
54	Associations of environmental phthalate exposure with male steroid hormone synthesis and metabolism: An integrated epidemiology and toxicology study. <i>Journal of Hazardous Materials</i> , 2022, 436, 129213.	12.4	18

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55	Associations of birth weight and later life lifestyle factors with risk of cardiovascular disease in the USA: A prospective cohort study. <i>EclinicalMedicine</i> , 2022, 51, 101570.	7.1	18
56	Involvement of mitogen-activated protein kinase and NF- κ B signaling pathways in perfluorooctane sulfonic acid-induced inflammatory reaction in BV2 microglial cells. <i>Journal of Applied Toxicology</i> , 2015, 35, 1539-1549.	2.8	17
57	Urinary biomarker of late pregnancy exposure to drinking water disinfection by-products and ultrasound measures of fetal growth in Wuhan, China. <i>Environmental Research</i> , 2019, 170, 128-133.	7.5	17
58	A statistical measure for the skewness of X chromosome inactivation based on case-control design. <i>BMC Bioinformatics</i> , 2019, 20, 11.	2.6	16
59	Associations of blood trihalomethanes with semen quality among 1199 healthy Chinese men screened as potential sperm donors. <i>Environment International</i> , 2020, 134, 105335.	10.0	16
60	Identifying windows of susceptibility to essential elements for semen quality among 1428 healthy men screened as potential sperm donors. <i>Environment International</i> , 2021, 155, 106586.	10.0	16
61	Relationship between Blood Trihalomethane Concentrations and Serum Thyroid Function Measures in U.S. Adults. <i>Environmental Science & Technology</i> , 2021, 55, 14087-14094.	10.0	16
62	First-trimester blood concentrations of drinking water trihalomethanes and neonatal neurobehavioral development in a Chinese birth cohort. <i>Journal of Hazardous Materials</i> , 2019, 362, 451-457.	12.4	15
63	Variability and exposure classification of urinary levels of non-essential metals aluminum, antimony, barium, thallium, tungsten and uranium in healthy adult men. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 424-434.	3.9	15
64	Associations between depression, oxidative stress, and semen quality among 1,000 healthy men screened as potential sperm donors. <i>Fertility and Sterility</i> , 2022, 117, 86-94.	1.0	15
65	Interactions between CYP2E1, GSTZ1 and GSTT1 polymorphisms and exposure to drinking water trihalomethanes and their association with semen quality. <i>Environmental Research</i> , 2016, 147, 445-452.	7.5	14
66	Association of Blood Trihalomethane Concentrations with Risk of All-Cause and Cause-Specific Mortality in U.S. Adults: A Prospective Cohort Study. <i>Environmental Science & Technology</i> , 2021, 55, 9043-9051.	10.0	14
67	Temporal variability of organophosphate flame retardant metabolites in spot, first morning, and 24-h urine samples among healthy adults. <i>Environmental Research</i> , 2021, 196, 110373.	7.5	13
68	Joint effects of trihalomethanes and trichloroacetic acid on semen quality: A population-based cross-sectional study in China. <i>Environmental Pollution</i> , 2016, 212, 544-549.	7.5	12
69	Effect modification by apoptosis-related gene polymorphisms on the associations of phthalate exposure with spermatozoa apoptosis and semen quality. <i>Environmental Pollution</i> , 2017, 231, 694-702.	7.5	12
70	Reproducibility of essential elements chromium, manganese, iron, zinc and selenium in spot samples, first-morning voids and 24-h collections from healthy adult men. <i>British Journal of Nutrition</i> , 2019, 122, 343-351.	2.3	12
71	Trimester-specific associations of maternal exposure to disinfection by-products, oxidative stress, and neonatal neurobehavioral development. <i>Environment International</i> , 2021, 157, 106838.	10.0	11
72	Urinary and seminal plasma concentrations of phthalate metabolites in relation to spermatogenesis-related miRNA106a among men from an infertility clinic. <i>Chemosphere</i> , 2022, 288, 132464.	8.2	11

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73	Target of HIV-1 Envelope Glycoprotein gp120-Induced Hippocampal Neuron Damage: Role of Voltage-Gated K ⁺ Channel Kv2.1. <i>Viral Immunology</i> , 2015, 28, 495-503.	1.3	10
74	Association of blood trihalomethane concentrations with asthma in US adolescents: nationally representative cross-sectional study. <i>European Respiratory Journal</i> , 2022, 59, 2101440.	6.7	10
75	Epithelial sodium channel is involved in H ₂ S-induced acute pulmonary edema. <i>Inhalation Toxicology</i> , 2015, 27, 613-620.	1.6	9
76	Exposure profiles and predictors of a cocktail of environmental chemicals in Chinese men of reproductive age. <i>Chemosphere</i> , 2022, 299, 134337.	8.2	9
77	Studies on mechanism of free Ni ²⁺ (carboxymethyl)lysine-induced toxic injury in mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22322.	3.0	7
78	Menstrual cycle characteristics and incident cancer: a prospective cohort study. <i>Human Reproduction</i> , 2022, 37, 341-351.	0.9	7
79	The Association of Certain Seminal Phthalate Metabolites on Spermatozoa Apoptosis: An Exploratory Mediation Analysis via Sperm Protamine. <i>Environmental Pollution</i> , 2022, 300, 118969.	7.5	7
80	Association of infertility with premature mortality among US women: Prospective cohort study. <i>The Lancet Regional Health Americas</i> , 2022, 7, 100122.	2.6	6
81	Prenatal Exposure to Disinfection Byproducts and Intrauterine Growth in a Chinese Cohort. <i>Environmental Science & Technology</i> , 2021, 55, 16011-16022.	10.0	6
82	Associations of Urinary Trichloroacetic Acid Concentrations with Spermatozoa Apoptosis and DNA Damage in a Chinese Population. <i>Environmental Science & Technology</i> , 2022, 56, 6491-6499.	10.0	6
83	Environmental metal exposure, seminal plasma metabolome and semen quality: Evidence from Chinese reproductive-aged men. <i>Science of the Total Environment</i> , 2022, 838, 155860.	8.0	6
84	Urinary concentrations of polycyclic aromatic hydrocarbon and phthalate metabolite mixtures in relation to semen quality among men attending an infertility clinic. <i>Environmental Science and Pollution Research</i> , 2022, 29, 81749-81759.	5.3	6
85	Penalized Fieller's confidence interval for the ratio of bivariate normal means. <i>Biometrics</i> , 2021, 77, 1355-1368.	1.4	5
86	Pre-pregnancy menstrual cycle regularity and length and the risk of gestational diabetes mellitus: prospective cohort study. <i>Diabetologia</i> , 2021, 64, 2415-2424.	6.3	5
87	Sperm mitochondrial DNA copy number in relation to semen quality: A cross-sectional study of 1164 potential sperm donors. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2022, 129, 2098-2106.	2.3	4
88	Serum Fetuin-A and Risk of Gestational Diabetes Mellitus: An Observational Study and Mendelian Randomization Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3841-e3849.	3.6	3
89	Joint Dynamic Spectrum Access and Multi-Relay Selection: A Matching-Theory-Based Approach. , 2017, , .		2
90	Dietary intake and blood concentrations of folate and folic acid in relation to serum per- and polyfluoroalkyl substances (PFAS) concentrations. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	2

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91	Association of handgrip strength with semen characteristics: a study with repeated measurements among healthy Chinese men. <i>Asian Journal of Andrology</i> , 2022, 24, 594.	1.6	2
92	Blood trihalomethane concentrations and lung function in US adolescents: a nationally representative cross-sectional study. <i>European Respiratory Journal</i> , 2022, 60, 2200753.	6.7	2
93	An ounce of prevention is worth a pound of cure: time to focus on preconception workplace reproductive health. <i>Human Reproduction</i> , 2021, 37, 1-4.	0.9	1
94	Association between tea consumption and semen quality among 1385 healthy Chinese men. <i>Chemosphere</i> , 2022, 303, 135140.	8.2	1
95	An Energy-Efficient Design for Mobile UAV Fire Surveillance Networks. , 2019, , .		0
96	INFERTILITY AND RISK OF PREMATURE MORTALITY: A PROSPECTIVE COHORT STUDY. <i>Fertility and Sterility</i> , 2020, 114, e80.	1.0	0
97	Using a translational research paradigm to investigate dietary intake of fruit juice on per- and polyfluoroalkyl substances (PFAS) concentrations. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
98	Association of blood trihalomethane concentrations with asthma among U.S. Children: NHANES 2005-2012. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
99	HISTORY OF INFERTILITY AND RISK OF BREAST CANCER: A PROSPECTIVE COHORT STUDY. <i>Fertility and Sterility</i> , 2021, 116, e43-e44.	1.0	0