

# Zhigang Li

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

3,466  
citations

236925

25  
h-index

233421

45  
g-index

49  
all docs

49  
docs citations

49  
times ranked

4329  
citing authors

#	ARTICLE	IF	CITATIONS
1	ox-LDL-Induced Endothelial Progenitor Cell Oxidative Stress via p38/Keap1/Nrf2 Pathway. <i>Stem Cells International</i> , 2022, 2022, 1-15.	2.5	8
2	Randomized Trial of a Palliative Care Intervention to Improve End-of-Life Care Discussions in Patients With Metastatic Breast Cancer. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2022, 20, 136-143.	4.9	19
3	Infant infections, respiratory symptoms, and allergy in relation to timing of rice cereal introduction in a United States cohort. <i>Scientific Reports</i> , 2022, 12, 4450.	3.3	5
4	The relationship between the gut microbiome and the risk of respiratory infections among newborns. <i>Communications Medicine</i> , 2022, 2, .	4.2	7
5	IFAA: Robust Association Identification and Inference for Absolute Abundance in Microbiome Analyses. <i>Journal of the American Statistical Association</i> , 2021, 116, 1595-1608.	3.1	2
6	Preparation of Composite Cypate Nanoparticles and Its Application in the Treatment of Pediatric Bladder Tumors. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 868-877.	0.9	4
7	Protocol for an observational cohort study identifying factors predicting accurately end of life in dementia with Lewy bodies and promoting quality end-of-life experiences: the PACE-DLB study. <i>BMJ Open</i> , 2021, 11, e047554.	1.9	2
8	Clinical characteristics of 116 hospitalized patients with COVID-19 in Wuhan, China: a single-centered, retrospective, observational study. <i>BMC Infectious Diseases</i> , 2020, 20, 787.	2.9	50
9	Prenatal arsenic exposure alters the placental expression of multiple epigenetic regulators in a sex-dependent manner. <i>Environmental Health</i> , 2019, 18, 18.	4.0	25
10	Placental metal concentrations in relation to placental growth, efficiency and birth weight. <i>Environment International</i> , 2019, 126, 533-542.	10.0	51
11	Effect of autophagy on cardiomyocyte membrane Cx43 acute remodeling in rats with ischemia-reperfusion. <i>International Journal of Clinical and Experimental Pathology</i> , 2019, 12, 2639-2645.	0.5	2
12	Pilot study of a multimodal intervention to enhance sexual function in survivors of hematopoietic stem cell transplantation. <i>Cancer</i> , 2018, 124, 2438-2446.	4.1	28
13	Concussion classification via deep learning using whole-brain white matter fiber strains. <i>PLoS ONE</i> , 2018, 13, e0197992.	2.5	30
14	Conditional Regression Based on a Multivariate Zero-Inflated Logistic-Normal Model for Microbiome Relative Abundance Data. <i>Statistics in Biosciences</i> , 2018, 10, 587-608.	1.2	22
15	Sex-specific associations of infants' gut microbiome with arsenic exposure in a US population. <i>Scientific Reports</i> , 2018, 8, 12627.	3.3	47
16	Injury prediction and vulnerability assessment using strain and susceptibility measures of the deep white matter. <i>Biomechanics and Modeling in Mechanobiology</i> , 2017, 16, 1709-1727.	2.8	69
17	The party effect: prediction of future alcohol use based on exposure to specific alcohol advertising content. <i>Addiction</i> , 2017, 112, 63-70.	3.3	22
18	A semiparametric joint model for terminal trend of quality of life and survival in palliative care research. <i>Statistics in Medicine</i> , 2017, 36, 4692-4704.	1.6	10

#	ARTICLE	IF	CITATIONS
19	Effects of Early Integrated Palliative Care on Caregivers of Patients with Lung and Gastrointestinal Cancer: A Randomized Clinical Trial. <i>Oncologist</i> , 2017, 22, 1528-1534.	3.7	139
20	Distinct arsenic metabolites following seaweed consumption in humans. <i>Scientific Reports</i> , 2017, 7, 3920.	3.3	54
21	Effects of Early Integrated Palliative Care in Patients With Lung and GI Cancer: A Randomized Clinical Trial. <i>Journal of Clinical Oncology</i> , 2017, 35, 834-841.	1.6	603
22	Urine Arsenic and Arsenic Metabolites in U.S. Adults and Biomarkers of Inflammation, Oxidative Stress, and Endothelial Dysfunction: A Cross-Sectional Study. <i>Environmental Health Perspectives</i> , 2017, 125, 127002.	6.0	35
23	Effect of Inpatient Palliative Care During Hematopoietic Stem-Cell Transplant on Psychological Distress 6 Months After Transplant: Results of a Randomized Clinical Trial. <i>Journal of Clinical Oncology</i> , 2017, 35, 3714-3721.	1.6	153
24	Cord blood T cell subpopulations and associations with maternal cadmium and arsenic exposures. <i>PLoS ONE</i> , 2017, 12, e0179606.	2.5	33
25	Analyzing mHealth Engagement: Joint Models for Intensively Collected User Engagement Data. <i>JMIR MHealth and UHealth</i> , 2017, 5, e1.	3.7	60
26	Infant Infections and Respiratory Symptoms in Relation to <i>in Utero</i> Arsenic Exposure in a U.S. Cohort. <i>Environmental Health Perspectives</i> , 2016, 124, 840-847.	6.0	94
27	Commercial Television Exposure, Fast Food Toy Collecting, and Family Visits to Fast Food Restaurants among Families Living in Rural Communities. <i>Journal of Pediatrics</i> , 2016, 168, 158-163.e1.	1.8	11
28	Placental Metal Concentrations in Relation to Maternal and Infant Toenails in a U.S. Cohort. <i>Environmental Science &amp; Technology</i> , 2016, 50, 1587-1594.	10.0	53
29	Principal component gene set enrichment (PCGSE). <i>BioData Mining</i> , 2015, 8, 25.	4.0	22
30	Cued Recall of Alcohol Advertising on Television and Underage Drinking Behavior. <i>JAMA Pediatrics</i> , 2015, 169, 264.	6.2	48
31	Benefits of Early Versus Delayed Palliative Care to Informal Family Caregivers of Patients With Advanced Cancer: Outcomes From the ENABLE III Randomized Controlled Trial. <i>Journal of Clinical Oncology</i> , 2015, 33, 1446-1452.	1.6	386
32	Spectral gene set enrichment (SGSE). <i>BMC Bioinformatics</i> , 2015, 16, 70.	2.6	6
33	Early Versus Delayed Initiation of Concurrent Palliative Oncology Care: Patient Outcomes in the ENABLE III Randomized Controlled Trial. <i>Journal of Clinical Oncology</i> , 2015, 33, 1438-1445.	1.6	927
34	An Independent Filter for Gene Set Testing Based on Spectral Enrichment. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2015, 12, 1076-1086.	3.0	6
35	A Dietary-Wide Association Study (DWAS) of Environmental Metal Exposure in US Children and Adults. <i>PLoS ONE</i> , 2014, 9, e104768.	2.5	43
36	Optimal Design Strategies for Sibling Studies with Binary Exposures. <i>International Journal of Biostatistics</i> , 2014, 10, 185-96.	0.7	7

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37	Iron supplementation does not worsen respiratory health or alter the sputum microbiome in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2014, 13, 311-318.	0.7	28
38	In utero arsenic exposure and fetal immune repertoire in a US pregnancy cohort. <i>Clinical Immunology</i> , 2014, 155, 188-197.	3.2	74
39	Early-Onset Basal Cell Carcinoma and Indoor Tanning: A Population-Based Study. <i>Pediatrics</i> , 2014, 134, e4-e12.	2.1	41
40	The Relative Roles of Types of Extracurricular Activity on Smoking and Drinking Initiation Among Tweens. <i>Academic Pediatrics</i> , 2014, 14, 271-278.	2.0	15
41	In utero arsenic exposure and infant infection in a United States cohort: A prospective study. <i>Environmental Research</i> , 2013, 126, 24-30.	7.5	117
42	Association between In Utero arsenic exposure, placental gene expression, and infant birth weight: a US birth cohort study. <i>Environmental Health</i> , 2013, 12, 58.	4.0	68
43	Joint modeling quality of life and survival using a terminal decline model in palliative care studies. <i>Statistics in Medicine</i> , 2013, 32, 1394-1406.	1.6	22
44	Power and Sample Size Calculations for Generalized Estimating Equations via Local Asymptotics. <i>Statistica Sinica</i> , 2013, 23, 231-250.	0.3	16