

# Wang-Jian Zhang

## List of Publications by Year in descending order

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88  
papers

1,589  
citations

304602

22  
h-index

377752

34  
g-index

88  
all docs

88  
docs citations

88  
times ranked

1999  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Association between Respiratory Infection and Air Pollution in the Setting of Air Quality Policy and Economic Change. <i>Annals of the American Thoracic Society</i> , 2019, 16, 321-330.	1.5	77
2	Associations between Source-Specific Particulate Matter and Respiratory Infections in New York State Adults. <i>Environmental Science &amp; Technology</i> , 2020, 54, 975-984.	4.6	77
3	Triggering of cardiovascular hospital admissions by fine particle concentrations in New York state: Before, during, and after implementation of multiple environmental policies and a recession. <i>Environmental Pollution</i> , 2018, 242, 1404-1416.	3.7	69
4	Triggering of cardiovascular hospital admissions by source specific fine particle concentrations in urban centers of New York State. <i>Environment International</i> , 2019, 126, 387-394.	4.8	68
5	Changes in the acute response of respiratory diseases to PM2.5 in New York State from 2005 to 2016. <i>Science of the Total Environment</i> , 2019, 677, 328-339.	3.9	66
6	Boosted regression tree model-based assessment of the impacts of meteorological drivers of hand, foot and mouth disease in Guangdong, China. <i>Science of the Total Environment</i> , 2016, 553, 366-371.	3.9	61
7	Association Between Ambient Air Pollution and Daily Hospital Admissions for Depression in 75 Chinese Cities. <i>American Journal of Psychiatry</i> , 2020, 177, 735-743.	4.0	54
8	Projected Changes in Maternal Heat Exposure During Early Pregnancy and the Associated Congenital Heart Defect Burden in the United States. <i>Journal of the American Heart Association</i> , 2019, 8, e010995.	1.6	41
9	Interactions between climate factors and air pollution on daily HFMD cases: A time series study in Guangdong, China. <i>Science of the Total Environment</i> , 2019, 656, 1358-1364.	3.9	41
10	Using Machine Learning Algorithms to Predict Hepatitis B Surface Antigen Seroclearance. <i>Computational and Mathematical Methods in Medicine</i> , 2019, 2019, 1-7.	0.7	39
11	Predicting the hand, foot, and mouth disease incidence using search engine query data and climate variables: an ecological study in Guangdong, China. <i>BMJ Open</i> , 2017, 7, e016263.	0.8	34
12	Changes in the hospitalization and ED visit rates for respiratory diseases associated with source-specific PM2.5 in New York State from 2005 to 2016. <i>Environmental Research</i> , 2020, 181, 108912.	3.7	33
13	Quantifying the adverse effect of excessive heat on children: An elevated risk of hand, foot and mouth disease in hot days. <i>Science of the Total Environment</i> , 2016, 541, 194-199.	3.9	32
14	Projecting life-cycle environmental impacts of corn production in the U.S. Midwest under future climate scenarios using a machine learning approach. <i>Science of the Total Environment</i> , 2020, 714, 136697.	3.9	32
15	The detrimental effects of radiotherapy interruption on local control after concurrent chemoradiotherapy for advanced T-stage nasopharyngeal carcinoma: an observational, prospective analysis. <i>BMC Cancer</i> , 2018, 18, 740.	1.1	31
16	Radiotherapy with neoadjuvant chemotherapy versus concurrent chemoradiotherapy for ascending-type nasopharyngeal carcinoma: a retrospective comparison of toxicity and prognosis. <i>Chinese Journal of Cancer</i> , 2017, 36, 26.	4.9	30
17	Estimating the basic reproduction rate of HFMD using the time series SIR model in Guangdong, China. <i>PLoS ONE</i> , 2017, 12, e0179623.	1.1	30
18	Is pretreatment Epstein-Barr virus DNA still associated with 6-year survival outcomes in locoregionally advanced nasopharyngeal carcinoma?. <i>Journal of Cancer</i> , 2017, 8, 976-982.	1.2	29

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19	Prognostic values of the integrated model incorporating the volume of metastatic regional cervical lymph node and pretreatment serum Epstein-Barr virus DNA copy number in predicting distant metastasis in patients with N1 nasopharyngeal carcinoma. <i>Chinese Journal of Cancer</i> , 2017, 36, 98.	4.9	29
20	The threshold effects of meteorological factors on Hand, foot, and mouth disease (HFMD) in China, 2011. <i>Scientific Reports</i> , 2016, 6, 36351.	1.6	26
21	Clinical features and survival outcomes between ascending and descending types of nasopharyngeal carcinoma in the intensity-modulated radiotherapy era: A big-data intelligence platform-based analysis. <i>Radiotherapy and Oncology</i> , 2019, 137, 137-144.	0.3	26
22	Prognostic value of neutrophil-to-lymphocyte ratio in advanced nasopharyngeal carcinoma: a large institution-based cohort study from an endemic area. <i>BMC Cancer</i> , 2019, 19, 37.	1.1	26
23	Ambient extreme heat exposure in summer and transitional months and emergency department visits and hospital admissions due to pregnancy complications. <i>Science of the Total Environment</i> , 2021, 777, 146134.	3.9	25
24	Survival impact of radiotherapy interruption in nasopharyngeal carcinoma in the intensity-modulated radiotherapy era: A big-data intelligence platform-based analysis. <i>Radiotherapy and Oncology</i> , 2019, 132, 178-187.	0.3	24
25	Prognostic value of serum Epstein-Barr virus antibodies in patients with nasopharyngeal carcinoma and undetectable pretreatment Epstein-Barr virus DNA. <i>Cancer Science</i> , 2017, 108, 1640-1647.	1.7	23
26	Hand-Washing: The Main Strategy for Avoiding Hand, Foot and Mouth Disease. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 610.	1.2	22
27	Assessing the impact of humidex on HFMD in Guangdong Province and its variability across social-economic status and age groups. <i>Scientific Reports</i> , 2016, 6, 18965.	1.6	22
28	Meteorological Factors for Dengue Fever Control and Prevention in South China. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 867.	1.2	21
29	The immediate and lasting impact of Hurricane Sandy on pregnancy complications in eight affected counties of New York State. <i>Science of the Total Environment</i> , 2019, 678, 755-760.	3.9	21
30	Spatiotemporal Distribution of Hand, Foot, and Mouth Disease in Guangdong Province, China and Potential Predictors, 2009-2012. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1191.	1.2	19
31	Power Outage. <i>Chest</i> , 2020, 158, 2346-2357.	0.4	19
32	Comparing treatment outcomes of concurrent chemoradiotherapy with or without nimotuzumab in patients with locoregionally advanced nasopharyngeal carcinoma. <i>Cancer Biology and Therapy</i> , 2018, 19, 1102-1107.	1.5	18
33	Impact of Extremely Hot Days on Emergency Department Visits for Cardiovascular Disease among Older Adults in New York State. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2119.	1.2	17
34	The synergistic effects of vitamin D and estradiol deficiency on metabolic syndrome in Chinese postmenopausal women. <i>Menopause</i> , 2019, 26, 1171-1177.	0.8	16
35	Increased risk of multiple pregnancy complications following large-scale power outages during Hurricane Sandy in New York State. <i>Science of the Total Environment</i> , 2021, 770, 145359.	3.9	16
36	Neurodegenerative hospital admissions and long-term exposure to ambient fine particle air pollution. <i>Annals of Epidemiology</i> , 2021, 54, 79-86.e4.	0.9	15

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37	Association between preexisting mental illnesses and mortality among medicaid-insured women diagnosed with breast cancer. <i>Social Science and Medicine</i> , 2021, 270, 113643.	1.8	15
38	The Characteristics and Survival Outcomes in Patients Aged 70 Years and Older with Nasopharyngeal Carcinoma in the Intensity-Modulated Radiotherapy Era. <i>Cancer Research and Treatment</i> , 2019, 51, 34-42.	1.3	15
39	Dose-volume factors associated with ear disorders following intensity modulated radiotherapy in nasopharyngeal carcinoma. <i>Scientific Reports</i> , 2015, 5, 13525.	1.6	14
40	Application of data science methods to identify school and home risk factors for asthma and allergy-related symptoms among children in New York. <i>Science of the Total Environment</i> , 2021, 770, 144746.	3.9	13
41	Bayesian spatiotemporal analysis for association of environmental factors with hand, foot, and mouth disease in Guangdong, China. <i>Scientific Reports</i> , 2018, 8, 15147.	1.6	12
42	Development and Validation of Web-Based Nomograms to Precisely Predict Survival Outcomes of Non-metastatic Nasopharyngeal Carcinoma in an Endemic Area. <i>Cancer Research and Treatment</i> , 2021, 53, 657-670.	1.3	12
43	A prospective study on radiation doses to organs at risk (OARs) during intensity-modulated radiotherapy for nasopharyngeal carcinoma patients. <i>Oncotarget</i> , 2016, 7, 21742-21752.	0.8	11
44	A Case-control Study on Risk Factors for Severe Hand, Foot and Mouth Disease. <i>Scientific Reports</i> , 2017, 7, 40282.	1.6	11
45	The association between human perceived heat and early-stage syphilis and its variance: Results from a case-report system. <i>Science of the Total Environment</i> , 2017, 593-594, 773-778.	3.9	11
46	Assessing associations between indoor environment and health symptoms in Romanian school children: an analysis of data from the SINPHONIE project. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9186-9193.	2.7	11
47	Combined Acoustic Radiation Force Impulse and Conventional Ultrasound in the Quantitative Assessment of Immunoglobulin A Nephropathy. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2309-2316.	0.7	11
48	Do all patients with advanced N-stage nasopharyngeal carcinoma benefit from the addition of induction chemotherapy to concurrent chemoradiotherapy?. <i>Therapeutic Advances in Medical Oncology</i> , 2019, 11, 175883591983386.	1.4	10
49	The immediate effects of winter storms and power outages on multiple health outcomes and the time windows of vulnerability. <i>Environmental Research</i> , 2021, 196, 110924.	3.7	10
50	Residential Proximity to Biorefinery Sources of Air Pollution and Respiratory Diseases in New York State. <i>Environmental Science &amp; Technology</i> , 2021, 55, 10035-10045.	4.6	10
51	Relationships between Long-Term Ozone Exposure and Allergic Rhinitis and Bronchitic Symptoms in Chinese Children. <i>Toxics</i> , 2021, 9, 221.	1.6	10
52	Children's Caregivers and Public Playgrounds: Potential Reservoirs of Infection of Hand-foot-and-mouth Disease. <i>Scientific Reports</i> , 2016, 6, 36375.	1.6	9
53	A population-based case-control study of the association between weather-related extreme heat events and low birthweight. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 335-342.	0.7	9
54	Temperature variation and preterm birth among live singleton deliveries in Shenzhen, China: A time-to-event analysis. <i>Environmental Research</i> , 2021, 195, 110834.	3.7	9

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55	Syphilis in the economic center of South China: results from a real-time, web-based surveillance program. <i>BMC Infectious Diseases</i> , 2015, 15, 318.	1.3	8
56	Efficacy and safety of primary surgery with postoperative radiotherapy in head and neck mucosal melanoma: a single-arm Phase II study. <i>Cancer Management and Research</i> , 2018, Volume 10, 6985-6996.	0.9	8
57	Prognostic value of serum bilirubin in southern Chinese patients with advanced nasopharyngeal carcinoma. <i>Clinica Chimica Acta</i> , 2018, 484, 314-319.	0.5	8
58	Weather effects on hand, foot, and mouth disease at individual level: a case-crossover study. <i>BMC Infectious Diseases</i> , 2019, 19, 1029.	1.3	8
59	Neoadjuvant and Concurrent Chemotherapy Have Varied Impacts on the Prognosis of Patients with the Ascending and Descending Types of Nasopharyngeal Carcinoma Treated with Intensity-Modulated Radiotherapy. <i>PLoS ONE</i> , 2016, 11, e0161878.	1.1	8
60	Particle surface area, ultrafine particle number concentration, and cardiovascular hospitalizations. <i>Environmental Pollution</i> , 2022, 310, 119795.	3.7	8
61	How community vulnerability factors jointly affect multiple health outcomes after catastrophic storms. <i>Environment International</i> , 2020, 134, 105285.	4.8	7
62	Optimal cumulative cisplatin dose during concurrent chemoradiotherapy among children and adolescents with locoregionally advanced nasopharyngeal carcinoma: A real-world data study. <i>Radiotherapy and Oncology</i> , 2021, 161, 83-91.	0.3	7
63	Impact of cumulative cisplatin dose in childhood nasopharyngeal carcinoma based on neoadjuvant chemotherapy response in the intensity-modulated radiotherapy era: a real-world study. <i>Cancer Cell International</i> , 2021, 21, 604.	1.8	7
64	Predictive value of coronary blood flow for future cardiovascular events in patients with atrial fibrillation. <i>International Journal of Cardiology</i> , 2014, 177, 545-547.	0.8	6
65	The Effect of Adding Neoadjuvant Chemotherapy to Concurrent Chemoradiotherapy in Patients with Locoregionally Advanced Nasopharyngeal Carcinoma and Undetectable Pretreatment Epstein-Barr Virus DNA. <i>Translational Oncology</i> , 2017, 10, 527-534.	1.7	6
66	Prognostic Value of Circulating Lipoprotein in Patients with Locoregionally Advanced Nasopharyngeal Carcinoma. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 285-292.	1.1	6
67	A novel therapy for granulomatous lobular mastitis: Local heat therapy. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1156.	0.8	6
68	Long-term PM0.1 exposure and human blood lipid metabolism: New insight from the 33-community study in China. <i>Environmental Pollution</i> , 2022, 303, 119171.	3.7	6
69	The Impact of Clinical Stage on Radiation Doses to Organs at Risk Following Intensity-modulated Radiotherapy in Nasopharyngeal Carcinoma: A Prospective Analysis. <i>Journal of Cancer</i> , 2016, 7, 2157-2164.	1.2	5
70	Sam68 Promotes the Progression of Human Breast Cancer through inducing Activation of EphA3. <i>Current Cancer Drug Targets</i> , 2020, 20, 76-83.	0.8	5
71	The individual and synergistic impacts of windstorms and power outages on injury ED visits in New York State. <i>Science of the Total Environment</i> , 2021, 797, 149199.	3.9	5
72	Predictors of Mastoiditis after Intensity-Modulated Radiotherapy in Nasopharyngeal Carcinoma: A Dose-Volume Analysis. <i>Journal of Cancer</i> , 2016, 7, 276-282.	1.2	4

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73	Prognostic value of primary gross tumor volume and standardized uptake value of 18F-FDG in PET/CT for distant metastasis in locoregionally advanced nasopharyngeal carcinoma. <i>Tumor Biology</i> , 2017, 39, 101042831771784.	0.8	4
74	Epidemiological characteristics of severe cases of hand, foot, and mouth disease in Guangdong, China. <i>Biostatistics and Epidemiology</i> , 2018, 2, 99-114.	0.4	4
75	Identifying and evaluating school environmental health indicators. <i>Environmental Science and Pollution Research</i> , 2020, 27, 16624-16639.	2.7	4
76	How spatial accessibility to colonoscopy affects diagnostic adherences and adverse intestinal outcomes among the patients with positive preliminary screening findings. <i>Cancer Medicine</i> , 2020, 9, 4405-4419.	1.3	4
77	Power outage mediates the associations between major storms and hospital admission of chronic obstructive pulmonary disease. <i>BMC Public Health</i> , 2021, 21, 1961.	1.2	4
78	A review on COVID-19 transmission, epidemiological features, prevention and vaccination. <i>Medical Review</i> , 2022, 2, 23-49.	0.3	3
79	The prognostic value of adding systemic inflammation response index to Epstein-Barr virus DNA in childhood nasopharyngeal carcinoma: A real-world study. <i>Head and Neck</i> , 2022, 44, 1404-1413.	0.9	3
80	The independent and synergistic impacts of power outages and floods on hospital admissions for multiple diseases. <i>Science of the Total Environment</i> , 2022, 828, 154305.	3.9	3
81	Prognostic Evaluation of Categorical Platelet-based Indices Using Clustering Methods Based on the Monte Carlo Comparison for Hepatocellular Carcinoma. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 5721-5727.	0.5	2
82	Does three cycles of neoadjuvant chemotherapy prior to concurrent chemoradiotherapy provide benefits for all childhood patients with locoregionally advanced nasopharyngeal carcinoma?. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 2569-2579.	1.2	2
83	The mediating effect of engagement in physical activity over a 24-hour period on chronic disease and depression: Using compositional mediation model. <i>Journal of Affective Disorders</i> , 2022, 299, 264-272.	2.0	2
84	Assessing the impact of ambient temperature on the risk of hand, foot, and mouth disease in Guangdong, China: New insight from the disease severity and burden. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010470.	1.3	2
85	The Role of Pretreatment 18F-FDG PET/CT for Early Prediction of Neoadjuvant Chemotherapy Response in Patients with Locoregionally Advanced Nasopharyngeal Carcinoma. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 4157-4166.	2.0	1
86	Development of a web-based prognostic model to quantify the survival benefit of cumulative cisplatin dose during concurrent chemoradiotherapy in childhood nasopharyngeal carcinoma. <i>Radiotherapy and Oncology</i> , 2022, 166, 118-125.	0.3	1
87	The Effect of Ultrafine Particles (PM0.1) on Neurological Disorders in New York State. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
88	Short-term risk effects of exposure to ultrafine particles on emergency department visits of renal diseases in New York State, 2013-2017. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0