Wang-Jian Zhang

List of Publications by Year
in descending order

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	Does three cycles of neoadjuvant chemotherapy prior to concurrent chemoradiotherapy provide benefits for all childhood patients with locoregionally advanced nasopharyngeal carcinoma?. Journal of Cancer Research and Clinical Oncology, 2022, 148, 2569-2579.	1.2	2
2	Development of a web-based prognostic model to quantify the survival benefit of cumulative cisplatin dose during concurrent chemoradiotherapy in childhood nasopharyngeal carcinoma. Radiotherapy and Oncology, 2022, 166, 118-125.	0.3	1
3	The mediating effect of engagement in physical activity over a 24-hour period on chronic disease and depression: Using compositional mediation model. Journal of Affective Disorders, 2022, 299, 264-272.	2.0	2
4	A review on COVID-19 transmission, epidemiological features, prevention and vaccination. Medical Review, 2022, 2, 23-49.	0.3	3
5	The prognostic value of adding systemic inflammation response index to <scp>Epstein–Barr</scp> virus <scp>DNA</scp> in childhood nasopharyngeal carcinoma: A real-world study. Head and Neck, 2022, 44, 1404-1413.	0.9	3
6	Long-term PM0.1 exposure and human blood lipid metabolism: New insight from the 33-community study in China. Environmental Pollution, 2022, 303, 119171.	3.7	6
7	The independent and synergistic impacts of power outages and floods on hospital admissions for multiple diseases. Science of the Total Environment, 2022, 828, 154305.	3.9	3
8	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. PLoS Neglected Tropical Diseases, 2022, 16, e0010470.	1.3	2
9	Particle surface area, ultrafine particle number concentration, and cardiovascular hospitalizations. Environmental Pollution, 2022, 310, 119795.	3.7	8
10	A population-based case–control study of the association between weather-related extreme heat events and low birthweight. Journal of Developmental Origins of Health and Disease, 2021, 12, 335-342.	0.7	9
11	Neurodegenerative hospital admissions and long-term exposure to ambient fine particle air pollution. Annals of Epidemiology, 2021, 54, 79-86.e4.	0.9	15
12	Association between preexisting mental illnesses and mortality among medicaid-insured women diagnosed with breast cancer. Social Science and Medicine, 2021, 270, 113643.	1.8	15
13	Temperature variation and preterm birth among live singleton deliveries in Shenzhen, China: A time-to-event analysis. Environmental Research, 2021, 195, 110834.	3.7	9
14	Increased risk of multiple pregnancy complications following large-scale power outages during Hurricane Sandy in New York State. Science of the Total Environment, 2021, 770, 145359.	3.9	16
15	The immediate effects of winter storms and power outages on multiple health outcomes and the time windows of vulnerability. Environmental Research, 2021, 196, 110924.	3.7	10
16	Application of data science methods to identify school and home risk factors for asthma and allergy-related symptoms among children in New York. Science of the Total Environment, 2021, 770, 144746.	3.9	13
17	Ambient extreme heat exposure in summer and transitional months and emergency department visits and hospital admissions due to pregnancy complications. Science of the Total Environment, 2021, 777, 146134.	3.9	25
18	Residential Proximity to Biorefinery Sources of Air Pollution and Respiratory Diseases in New York State. Environmental Science & Technology, 2021, 55, 10035-10045.	4.6	10

#	Article	IF	Citations
19	Development and Validation of Web-Based Nomograms to Precisely Predict Survival Outcomes of Non-metastatic Nasopharyngeal Carcinoma in an Endemic Area. Cancer Research and Treatment, 2021, 53, 657-670.	1.3	12
20	A novel therapy for granulomatous lobular mastitis: Local heat therapy. Experimental and Therapeutic Medicine, 2021, 22, 1156.	0.8	6
21	The Effect of Ultrafine Particles (PM0.1) on Neurological Disorders in New York State. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
22	Optimal cumulative cisplatin dose during concurrent chemoradiotherapy among children and adolescents with locoregionally advanced nasopharyngeal carcinoma: A real-world data study. Radiotherapy and Oncology, 2021, 161, 83-91.	0.3	7
23	Short-term risk effects of exposure to ultrafine particles on emergency department visits of renal diseases in New York State, 2013-2017. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
24	Relationships between Long-Term Ozone Exposure and Allergic Rhinitis and Bronchitic Symptoms in Chinese Children. Toxics, 2021, 9, 221.	1.6	10
25	The Role of Pretreatment 18F-FDG PET/CT for Early Prediction of Neoadjuvant Chemotherapy Response in Patients with Locoregionally Advanced Nasopharyngeal Carcinoma. Drug Design, Development and Therapy, 2021, Volume 15, 4157-4166.	2.0	1
26	The individual and synergistic impacts of windstorms and power outages on injury ED visits in New York State. Science of the Total Environment, 2021, 797, 149199.	3.9	5
27	Power outage mediates the associations between major storms and hospital admission of chronic obstructive pulmonary disease. BMC Public Health, 2021, 21, 1961.	1.2	4
28	Impact of cumulative cisplatin dose in childhood nasopharyngeal carcinoma based on neoadjuvant chemotherapy response in the intensity-modulated radiotherapy era: a real-world study. Cancer Cell International, 2021, 21, 604.	1.8	7
29	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. Environmental Research, 2020, 181, 108912.	3.7	33
30	How community vulnerability factors jointly affect multiple health outcomes after catastrophic storms. Environment International, 2020, 134, 105285.	4.8	7
31	Associations between Source-Specific Particulate Matter and Respiratory Infections in New York State Adults. Environmental Science & Technology, 2020, 54, 975-984.	4.6	77
32	Power Outage. Chest, 2020, 158, 2346-2357.	0.4	19
33	Identifying and evaluating school environmental health indicators. Environmental Science and Pollution Research, 2020, 27, 16624-16639.	2.7	4
34	Projecting life-cycle environmental impacts of corn production in the U.S. Midwest under future climate scenarios using a machine learning approach. Science of the Total Environment, 2020, 714, 136697.	3.9	32
35	Sam68 Promotes the Progression of Human Breast Cancer through inducing Activation of EphA3. Current Cancer Drug Targets, 2020, 20, 76-83.	0.8	5
36	How spatial accessibility to colonoscopy affects diagnostic adherences and adverse intestinal outcomes among the patients with positive preliminary screening findings. Cancer Medicine, 2020, 9, 4405-4419.	1.3	4

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37	Association Between Ambient Air Pollution and Daily Hospital Admissions for Depression in 75 Chinese Cities. American Journal of Psychiatry, 2020, 177, 735-743.	4.0	54
38	The Association between Respiratory Infection and Air Pollution in the Setting of Air Quality Policy and Economic Change. Annals of the American Thoracic Society, 2019, 16, 321-330.	1.5	77
39	Projected Changes in Maternal Heat Exposure During Early Pregnancy and the Associated Congenital Heart Defect Burden in the United States. Journal of the American Heart Association, 2019, 8, e010995.	1.6	41
40	Combined Acoustic Radiation Force Impulse and Conventional Ultrasound in the Quantitative Assessment of Immunoglobulin a Nephropathy. Ultrasound in Medicine and Biology, 2019, 45, 2309-2316.	0.7	11
41	Impact of Extremely Hot Days on Emergency Department Visits for Cardiovascular Disease among Older Adults in New York State. International Journal of Environmental Research and Public Health, 2019, 16, 2119.	1.2	17
42	Using Machine Learning Algorithms to Predict Hepatitis B Surface Antigen Seroclearance. Computational and Mathematical Methods in Medicine, 2019, 2019, 1-7.	0.7	39
43	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. Radiotherapy and Oncology, 2019, 137, 137-144.	0.3	26
44	The immediate and lasting impact of Hurricane Sandy on pregnancy complications in eight affected counties of New York State. Science of the Total Environment, 2019, 678, 755-760.	3.9	21
45	Changes in the acute response of respiratory diseases to PM2.5 in New York State from 2005 to 2016. Science of the Total Environment, 2019, 677, 328-339.	3.9	66
46	Spatiotemporal Distribution of Hand, Foot, and Mouth Disease in Guangdong Province, China and Potential Predictors, 2009â€"2012. International Journal of Environmental Research and Public Health, 2019, 16, 1191.	1.2	19
47	Triggering of cardiovascular hospital admissions by source specific fine particle concentrations in urban centers of New York State. Environment International, 2019, 126, 387-394.	4.8	68
48	Do all patients with advanced N-stage nasopharyngeal carcinoma benefit from the addition of induction chemotherapy to concurrent chemoradiotherapy?. Therapeutic Advances in Medical Oncology, 2019, 11, 175883591983386.	1.4	10
49	The synergistic effects of vitamin D and estradiol deficiency on metabolic syndrome in Chinese postmenopausal women. Menopause, 2019, 26, 1171-1177.	0.8	16
50	Weather effects on hand, foot, and mouth disease at individual level: a case-crossover study. BMC Infectious Diseases, 2019, 19, 1029.	1.3	8
51	Survival impact of radiotherapy interruption in nasopharyngeal carcinoma in the intensity-modulated radiotherapy era: A big-data intelligence platform-based analysis. Radiotherapy and Oncology, 2019, 132, 178-187.	0.3	24
52	Prognostic value of neutrophil-to-lymphocyte ratio in advanced nasopharyngeal carcinoma: a large institution-based cohort study from an endemic area. BMC Cancer, 2019, 19, 37.	1.1	26
53	Interactions between climate factors and air pollution on daily HFMD cases: A time series study in Guangdong, China. Science of the Total Environment, 2019, 656, 1358-1364.	3.9	41
54	The Characteristics and Survival Outcomes in Patients Aged 70 Years and Older with Nasopharyngeal Carcinoma in the Intensity-Modulated Radiotherapy Era. Cancer Research and Treatment, 2019, 51, 34-42.	1.3	15

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55	Assessing associations between indoor environment and health symptoms in Romanian school children: an analysis of data from the SINPHONIE project. Environmental Science and Pollution Research, 2018, 25, 9186-9193.	2.7	11
56	Efficacy and safety of primary surgery with postoperative radiotherapy in head and neck mucosal melanoma: a single-arm Phase II study. Cancer Management and Research, 2018, Volume 10, 6985-6996.	0.9	8
57	Bayesian spatiotemporal analysis for association of environmental factors with hand, foot, and mouth disease in Guangdong, China. Scientific Reports, 2018, 8, 15147.	1.6	12
58	Epidemiological characteristics of severe cases of hand, foot, and mouth disease in Guangdong, China. Biostatistics and Epidemiology, 2018, 2, 99-114.	0.4	4
59	Prognostic Value of Circulating Lipoprotein in Patients with Locoregionally Advanced Nasopharyngeal Carcinoma. Cellular Physiology and Biochemistry, 2018, 48, 285-292.	1.1	6
60	The detrimental effects of radiotherapy interruption on local control after concurrent chemoradiotherapy for advanced T-stage nasopharyngeal carcinoma: an observational, prospective analysis. BMC Cancer, 2018, 18, 740.	1.1	31
61	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. Environmental Pollution, 2018, 242, 1404-1416.	3.7	69
62	Comparing treatment outcomes of concurrent chemoradiotherapy with or without nimotuzumab in patients with locoregionally advanced nasopharyngeal carcinoma. Cancer Biology and Therapy, 2018, 19, 1102-1107.	1.5	18
63	Prognostic value of serum bilirubin in southern Chinese patients with advanced nasopharyngeal carcinoma. Clinica Chimica Acta, 2018, 484, 314-319.	0.5	8
64	A Case-control Study on Risk Factors for Severe Hand, Foot and Mouth Disease. Scientific Reports, 2017, 7, 40282.	1.6	11
65	Radiotherapy with neoadjuvant chemotherapy versus concurrent chemoradiotherapy for ascending-type nasopharyngeal carcinoma: a retrospective comparison of toxicity and prognosis. Chinese Journal of Cancer, 2017, 36, 26.	4.9	30
66	The Effect of Adding Neoadjuvant Chemotherapy to Concurrent Chemoradiotherapy in Patients with Locoregionally Advanced Nasopharyngeal Carcinoma and Undetectable Pretreatment Epstein-Barr Virus DNA. Translational Oncology, 2017, 10, 527-534.	1.7	6
67	The association between human perceived heat and early-stage syphilis and its variance: Results from a case-report system. Science of the Total Environment, 2017, 593-594, 773-778.	3.9	11
68	Predicting the hand, foot, and mouth disease incidence using search engine query data and climate variables: an ecological study in Guangdong, China. BMJ Open, 2017, 7, e016263.	0.8	34
69	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. Tumor Biology, 2017, 39, 101042831771784.	0.8	4
70	Prognostic value of serum Epstein–Barr virus antibodies in patients with nasopharyngeal carcinoma and undetectable pretreatment Epstein–Barr virus DNA. Cancer Science, 2017, 108, 1640-1647.	1.7	23
71	Is pretreatment Epstein-Barr virus DNA still associated with 6-year survival outcomes in locoregionally advanced nasopharyngeal carcinoma?. Journal of Cancer, 2017, 8, 976-982.	1.2	29
72	Estimating the basic reproduction rate of HFMD using the time series SIR model in Guangdong, China. PLoS ONE, 2017, 12, e0179623.	1.1	30

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73	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. Chinese Journal of Cancer, 2017, 36, 98.	4.9	29
74	Predictors of Mastoiditis after Intensity-Modulated Radiotherapy in Nasopharyngeal Carcinoma: A Dose-Volume Analysis. Journal of Cancer, 2016, 7, 276-282.	1.2	4
75	A prospective study on radiation doses to organs at risk (OARs) during intensity-modulated radiotherapy for nasopharyngeal carcinoma patients. Oncotarget, 2016, 7, 21742-21752.	0.8	11
76	Hand-Washing: The Main Strategy for Avoiding Hand, Foot and Mouth Disease. International Journal of Environmental Research and Public Health, 2016, 13, 610.	1.2	22
77	Meteorological Factors for Dengue Fever Control and Prevention in South China. International Journal of Environmental Research and Public Health, 2016, 13, 867.	1.2	21
78	The Impact of Clinical Stage on Radiation Doses to Organs at Risk Following Intensity-modulated Radiotherapy in Nasopharyngeal Carcinoma: A Prospective Analysis. Journal of Cancer, 2016, 7, 2157-2164.	1.2	5
79	Assessing the impact of humidex on HFMD in Guangdong Province and its variability across social-economic status and age groups. Scientific Reports, 2016, 6, 18965.	1.6	22
80	Quantifying the adverse effect of excessive heat on children: An elevated risk of hand, foot and mouth disease in hot days. Science of the Total Environment, 2016, 541, 194-199.	3.9	32
81	Boosted regression tree model-based assessment of the impacts of meteorological drivers of hand, foot and mouth disease in Guangdong, China. Science of the Total Environment, 2016, 553, 366-371.	3.9	61
82	Children's Caregivers and Public Playgrounds: Potential Reservoirs of Infection of Hand-foot-and-mouth Disease. Scientific Reports, 2016, 6, 36375.	1.6	9
83	The threshold effects of meteorological factors on Hand, foot, and mouth disease (HFMD) in China, 2011. Scientific Reports, 2016, 6, 36351.	1.6	26
84	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. PLoS ONE, 2016, 11, e0161878.	1.1	8
85	Dose-volume factors associated with ear disorders following intensity modulated radiotherapy in nasopharyngeal carcinoma. Scientific Reports, 2015, 5, 13525.	1.6	14
86	Syphilis in the economic center of South China: results from a real-time, web-based surveillance program. BMC Infectious Diseases, 2015, 15, 318.	1.3	8
87	Predictive value of coronary blood flow for future cardiovascular events in patients with atrial fibrillation. International Journal of Cardiology, 2014, 177, 545-547.	0.8	6
88	Prognostic Evaluation of Categorical Platelet-based Indices Using Clustering Methods Based on the Monte Carlo Comparison for Hepatocellular Carcinoma. Asian Pacific Journal of Cancer Prevention, 2014, 15, 5721-5727.	0.5	2