

Yongzhao Shao

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

2,174
citations

331670

21
h-index

265206

42
g-index

105
all docs

105
docs citations

105
times ranked

3765
citing authors

#	ARTICLE	IF	CITATIONS
1	PM2.5 air pollution and cause-specific cardiovascular disease mortality. <i>International Journal of Epidemiology</i> , 2020, 49, 25-35.	1.9	284
2	Ambient Particulate Matter Air Pollution Exposure and Mortality in the NIH-AARP Diet and Health Cohort. <i>Environmental Health Perspectives</i> , 2016, 124, 484-490.	6.0	166
3	Proteomic differences in amyloid plaques in rapidly progressive and sporadic Alzheimer's disease. <i>Acta Neuropathologica</i> , 2017, 133, 933-954.	7.7	150
4	Serum microRNAs as biomarkers for recurrence in melanoma. <i>Journal of Translational Medicine</i> , 2012, 10, 155.	4.4	116
5	Mediterranean Diet and the Association Between Air Pollution and Cardiovascular Disease Mortality Risk. <i>Circulation</i> , 2019, 139, 1766-1775.	1.6	97
6	Mathematical Modeling of Therapy-induced Cancer Drug Resistance: Connecting Cancer Mechanisms to Population Survival Rates. <i>Scientific Reports</i> , 2016, 6, 22498.	3.3	96
7	A miRNA-Based Signature Detected in Primary Melanoma Tissue Predicts Development of Brain Metastasis. <i>Clinical Cancer Research</i> , 2015, 21, 4903-4912.	7.0	73
8	De Novo vs Nevus-Associated Melanomas: Differences in Associations With Prognostic Indicators and Survival. <i>Journal of the National Cancer Institute</i> , 2016, 108, djw121.	6.3	67
9	Sensitivity of plasma BRAF ^{mutant} and NRAS ^{mutant} cell-free DNA assays to detect metastatic melanoma in patients with low RECIST scores and non-RECIST disease progression. <i>Molecular Oncology</i> , 2016, 10, 157-165.	4.6	63
10	Association between long-term exposure to ambient air pollution and diabetes mortality in the US. <i>Environmental Research</i> , 2018, 165, 330-336.	7.5	57
11	Elevated C-reactive protein and posttraumatic stress pathology among survivors of the 9/11 World Trade Center attacks. <i>Journal of Psychiatric Research</i> , 2017, 89, 14-21.	3.1	56
12	Development of Novel Mutation-Specific Droplet Digital PCR Assays Detecting TERT Promoter Mutations in Tumor and Plasma Samples. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 274-285.	2.8	46
13	A powerful test for multivariate normality. <i>Journal of Applied Statistics</i> , 2014, 41, 351-363.	1.3	41
14	Serum perfluoroalkyl substances and cardiometabolic consequences in adolescents exposed to the World Trade Center disaster and a matched comparison group. <i>Environment International</i> , 2017, 109, 128-135.	10.0	40
15	Multicellular gene network analysis identifies a macrophage-related gene signature predictive of therapeutic response and prognosis of gliomas. <i>Journal of Translational Medicine</i> , 2019, 17, 159.	4.4	40
16	Elevated Peripheral Eosinophils Are Associated with New-Onset and Persistent Wheeze and Airflow Obstruction in World Trade Center-Exposed Individuals. <i>Journal of Asthma</i> , 2013, 50, 25-32.	1.7	36
17	Sample size calculation with dependence adjustment for FDR-control in microarray studies. <i>Statistics in Medicine</i> , 2007, 26, 4219-4237.	1.6	33
18	Systemic Inflammation Associated With World Trade Center Dust Exposures and Airway Abnormalities in the Local Community. <i>Journal of Occupational and Environmental Medicine</i> , 2015, 57, 610-616.	1.7	28

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19	Associations of World Trade Center exposures with pulmonary and cardiometabolic outcomes among children seeking care for health concerns. <i>Science of the Total Environment</i> , 2013, 444, 320-326.	8.0	26
20	Clinicopathological characteristics at primary melanoma diagnosis as risk factors for brain metastasis. <i>Melanoma Research</i> , 2013, 23, 461-467.	1.2	24
21	Sample Size Calculation for Controlling False Discovery Proportion. <i>Journal of Probability and Statistics</i> , 2012, 2012, 1-13.	0.7	23
22	Risk factors for persistence of lower respiratory symptoms among community members exposed to the 2001 World Trade Center terrorist attacks. <i>Occupational and Environmental Medicine</i> , 2017, 74, 449-455.	2.8	23
23	Oscillometry complements spirometry in evaluation of subjects following toxic inhalation. <i>ERJ Open Research</i> , 2015, 1, 00043-2015.	2.6	21
24	Serum perfluoroalkyl substances in children exposed to the world trade center disaster. <i>Environmental Research</i> , 2017, 154, 212-221.	7.5	21
25	On comparing 2 correlated C indices with censored survival data. <i>Statistics in Medicine</i> , 2017, 36, 4041-4049.	1.6	21
26	Concordance measure and discriminatory accuracy in transformation cure models. <i>Biostatistics</i> , 2018, 19, 14-26.	1.5	20
27	First Trimester Urinary Bisphenol and Phthalate Concentrations and Time to Pregnancy: A Population-Based Cohort Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3540-3547.	3.6	19
28	Innate immunity stimulation via CpG oligodeoxynucleotides ameliorates Alzheimer's disease pathology in aged squirrel monkeys. <i>Brain</i> , 2021, 144, 2146-2165.	7.6	19
29	Genetic Variation in DNA Repair Pathways and Risk of Non-Hodgkin's Lymphoma. <i>PLoS ONE</i> , 2014, 9, e101685.	2.5	19
30	Longitudinal Spirometry Among Patients in a Treatment Program for Community Members With World Trade Center-Related Illness. <i>Journal of Occupational and Environmental Medicine</i> , 2012, 54, 1208-1213.	1.7	18
31	Adolescents exposed to the World Trade Center collapse have elevated serum dioxin and furan concentrations more than 12 years later. <i>Environment International</i> , 2018, 111, 268-278.	10.0	18
32	Genetic associations of the interleukin locus at 1q32.1 with clinical outcomes of cutaneous melanoma. <i>Journal of Medical Genetics</i> , 2015, 52, 231-239.	3.2	17
33	Serum perfluoroalkyl substances and lung function in adolescents exposed to the World Trade Center disaster. <i>Environmental Research</i> , 2019, 172, 266-272.	7.5	16
34	Characteristics of Cancer Patients in the World Trade Center Environmental Health Center. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7190.	2.6	15
35	Isolated small airway reactivity during bronchoprovocation as a mechanism for respiratory symptoms in WTC dust-exposed community members. <i>American Journal of Industrial Medicine</i> , 2016, 59, 767-776.	2.1	14
36	TERT, BRAF, and NRAS Mutational Heterogeneity between Paired Primary and Metastatic Melanoma Tumors. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1609-1618.e7.	0.7	14

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37	Respiratory impedance measured using impulse oscillometry in a healthy urban population. ERJ Open Research, 2021, 7, 00560-2020.	2.6	14
38	The Development of a WTC Environmental Health Center Pan-Cancer Database. International Journal of Environmental Research and Public Health, 2021, 18, 1646.	2.6	14
39	Development of a Melanoma Risk Prediction Model Incorporating MC1R Genotype and Indoor Tanning Exposure: Impact of Mole Phenotype on Model Performance. PLoS ONE, 2014, 9, e101507.	2.5	14
40	Segmented Linear Mixed Model Analysis Reveals Association of the APOE ε4 Allele with Faster Rate of Alzheimer's Disease Dementia Progression. Journal of Alzheimer's Disease, 2021, 82, 921-937.	2.6	13
41	Longitudinal Change of PTSD Symptoms in Community Members after the World Trade Center Destruction. International Journal of Environmental Research and Public Health, 2019, 16, 1215.	2.6	12
42	Anti-V2 antibody deficiency in individuals infected with HIV-1 in Cameroon. Virology, 2019, 529, 57-64.	2.4	12
43	Paresthesias Among Community Members Exposed to the World Trade Center Disaster. Journal of Occupational and Environmental Medicine, 2017, 59, 389-396.	1.7	11
44	Cardiometabolic profiles of adolescents and young adults exposed to the World Trade Center Disaster. Environmental Research, 2018, 160, 107-114.	7.5	11
45	Respiratory Health and Lung Function in Children Exposed to the World Trade Center Disaster. Journal of Pediatrics, 2018, 201, 134-140.e6.	1.8	11
46	Clinical Evaluation of Sarcoidosis in Community Members with World Trade Center Dust Exposure. International Journal of Environmental Research and Public Health, 2019, 16, 1291.	2.6	11
47	Plasma cell-free circulating tumor DNA (ctDNA) detection in longitudinally followed glioblastoma patients using <i>TERT</i> promoter mutation-specific droplet digital PCR assays. Journal of Clinical Oncology, 2019, 37, 2026-2026.	1.6	11
48	Association of SARS-CoV-2 genomic load trends with clinical status in COVID-19: A retrospective analysis from an academic hospital center in New York City. PLoS ONE, 2020, 15, e0242399.	2.5	11
49	Time to Onset of Paresthesia Among Community Members Exposed to the World Trade Center Disaster. International Journal of Environmental Research and Public Health, 2019, 16, 1429.	2.6	10
50	Improvement in severe lower respiratory symptoms and small airway function in World Trade Center dust exposed community members. American Journal of Industrial Medicine, 2016, 59, 777-787.	2.1	9
51	Two Year Outcomes, Cognitive and Behavioral Markers of Decline in Healthy, Cognitively Normal Older Persons with Global Deterioration Scale Stage 2 (Subjective Cognitive Decline with Impairment). Journal of Alzheimer's Disease, 2019, 67, 685-705.	2.6	9
52	Gene-Environment Interaction between the IL1RN Variants and Childhood Environmental Tobacco Smoke Exposure in Asthma Risk. International Journal of Environmental Research and Public Health, 2020, 17, 2036.	2.6	9
53	Late-Stage Melanoma in New York State: Associations with Socioeconomic Factors and Healthcare Access at the County Level. Journal of Investigative Dermatology, 2021, 141, 1699-1706.e7.	0.7	9
54	Development of a melanoma risk prediction model incorporating MC1R genotype and indoor tanning exposure. Journal of Clinical Oncology, 2012, 30, 8574-8574.	1.6	9

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55	Application of concordance probability estimate to predict conversion from mild cognitive impairment to Alzheimer's disease. <i>Biostatistics and Epidemiology</i> , 2017, 1, 105-118.	0.4	8
56	Virus Control in Vaccinated Rhesus Macaques Is Associated with Neutralizing and Capturing Antibodies against the SHIV Challenge Virus but Not with V1V2 Vaccine-Induced Anti-V2 Antibodies Alone. <i>Journal of Immunology</i> , 2021, 206, 1266-1283.	0.8	8
57	A hybrid Bayesian-frequentist approach to evaluate clinical trial designs for tests of superiority and non-inferiority. <i>Statistics in Medicine</i> , 2008, 27, 504-519.	1.6	7
58	Functional variant analyses (FVAs) predict pathogenicity in the BRCA1 DNA double-strand break repair pathway. <i>Human Molecular Genetics</i> , 2015, 24, 3030-3037.	2.9	7
59	Obstructive Sleep Apnea in Community Members Exposed to World Trade Center Dust and Fumes. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 735-743.	2.6	7
60	Association between Ki-67 expression and clinical outcomes among patients with clinically node-negative, thick primary melanoma who underwent nodal staging. <i>Journal of Surgical Oncology</i> , 2018, 118, 150-156.	1.7	7
61	Characterization of Persistent Uncontrolled Asthma Symptoms in Community Members Exposed to World Trade Center Dust and Fumes. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6645.	2.6	7
62	Lung Cancer Characteristics in the World Trade Center Environmental Health Center. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2689.	2.6	7
63	Robust genomic copy number predictor of pan cancer metastasis. <i>Genes and Cancer</i> , 2018, 9, 66-77.	1.9	7
64	Associations between TERT Promoter Mutations and Survival in Superficial Spreading and Nodular Melanomas in a Large Prospective Patient Cohort. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2733-2743.e9.	0.7	7
65	A Monte Carlo method for variance estimation for estimators based on induced smoothing. <i>Biostatistics</i> , 2015, 16, 179-188.	1.5	6
66	Bronchodilator Response Predicts Longitudinal Improvement in Small Airway Function in World Trade Center Dust Exposed Community Members. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1421.	2.6	6
67	Case-Control Study of Paresthesia Among World Trade Center-Exposed Community Members. <i>Journal of Occupational and Environmental Medicine</i> , 2020, 62, 307-316.	1.7	6
68	Germline genetic determinants of immunotherapy response in metastatic melanoma. <i>Journal of Clinical Oncology</i> , 2014, 32, 3004-3004.	1.6	6
69	The ROC of Cox proportional hazards cure models with application in cancer studies. <i>Lifetime Data Analysis</i> , 2021, 27, 195-215.	0.9	5
70	Prediction of breast cancer risk based on flow-variant analysis of circulating peripheral blood B cells. <i>Genetics in Medicine</i> , 2017, 19, 1071-1077.	2.4	4
71	Cognitive Function among World Trade Center-Exposed Community Members with Mental Health Symptoms. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3440.	2.6	4
72	COPD in Smoking and Non-Smoking Community Members Exposed to the World Trade Center Dust and Fumes. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4249.	2.6	4

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73	Network-based survival analysis to discover target genes for developing cancer immunotherapies and predicting patient survival. <i>Journal of Applied Statistics</i> , 2021, 48, 1352-1373.	1.3	3
74	Genetic variation in immunomodulatory genes as markers of melanoma recurrence-free and overall survival. <i>Journal of Clinical Oncology</i> , 2013, 31, 9021-9021.	1.6	3
75	Posttraumatic Stress Disorder Mediates the Association between Traumatic World Trade Center Dust Cloud Exposure and Ongoing Systemic Inflammation in Community Members. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8622.	2.6	3
76	Molecular Clustering Analysis of Blood Biomarkers in World Trade Center Exposed Community Members with Persistent Lower Respiratory Symptoms. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8102.	2.6	3
77	Asymptotic Distribution for Symmetric Spacing Statistics. <i>Communications in Statistics - Theory and Methods</i> , 2007, 36, 37-46.	1.0	2
78	Statistical inference on transformation models: a self-induced smoothing approach. <i>Journal of Nonparametric Statistics</i> , 2018, 30, 308-331.	0.9	2
79	Rapid Next-Generation Sequencing Method for Prediction of Prostate Cancer Risks. <i>Journal of Molecular Diagnostics</i> , 2019, 21, 49-57.	2.8	2
80	A numerical strategy to evaluate performance of predictive scores via a copula-based approach. <i>Statistics in Medicine</i> , 2020, 39, 2671-2684.	1.6	2
81	Sample Size Growth with an Increasing Number of Comparisons. <i>Journal of Probability and Statistics</i> , 2012, 2012, 1-10.	0.7	1
82	On the likelihood of mixture cure models. <i>Statistics and Probability Letters</i> , 2017, 131, 51-55.	0.7	1
83	Longitudinal impact on rat cardiac tissue transcriptomic profiles due to acute intratracheal inhalation exposures to isoflurane. <i>PLoS ONE</i> , 2021, 16, e0257241.	2.5	1
84	Longitudinal Impact of WTC Dust Inhalation on Rat Cardiac Tissue Transcriptomic Profiles. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 919.	2.6	1
85	A likelihood ratio test for goodness-of-fit of recessive and dominant models for case-control studies. <i>Canadian Journal of Statistics</i> , 2013, 41, 341-352.	0.9	0
86	Werner Vach: Regression Models as a Tool in Medical Research. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2014, 19, 158-160.	1.4	0
87	F1â€“04â€“02: Global Deterioration Scale (GDS) Stage 2: Persons with Subjective Cognitive Impairment (SCI) Only Show Significant Declines in GDS Staging System Measures Over a 2â€“Year Interval. <i>Alzheimer's and Dementia</i> , 2016, 12, P167.	0.8	0
88	[F1â€“01â€“04]: COMPREHENSIVE, INDIVIDUALIZED, PERSON-CENTERED MANAGEMENT PROGRAM IN SUBJECTS TREATED WITH MEMANTINE ENHANCES FUNCTIONING BY 750%, IN COMPARISON WITH MEMANTINE TREATMENT ALONE, IN PERSONS WITH MODERATE-TO-SEVERE AD IN 28â€“WEEK RANDOMIZED CONTROLLED TRIALS. <i>Alzheimer's and Dementia</i> , 2017, 13, P173.	0.8	0
89	F3â€“03â€“04: COMPREHENSIVE, INDIVIDUALIZED, PERSON-CENTERED MANAGEMENT PROGRAM REDUCES RISK OF HOSPITALIZATION BY 67% AND EMERGENCY ROOM VISITS BY 50% IN COMMUNITY-RESIDING, ADVANCED AD PERSONS IN A 28â€“WEEK RANDOMIZED, CONTROLLED TRIAL. <i>Alzheimer's and Dementia</i> , 2018, 14, P1001.	0.8	0
90	F3â€“03â€“02: EFFECTS OF A COMPREHENSIVE, INDIVIDUALIZED, PERSON-CENTERED MANAGEMENT (CI-PCM) PROGRAM ON ANXIOLYTIC MEDICATION USAGE IN PERSONS WITH MODERATE-TO-SEVERE ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P999.	0.8	0

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91	Effect of comprehensive, individualized, person-centered management on antidepressant usage in advanced Alzheimer's persons in a 28-week, randomized, controlled trial. <i>Alzheimer's and Dementia</i> , 2020, 16, e046307.	0.8	0
92	The melanoma risk loci as determinants of melanoma prognosis.. <i>Journal of Clinical Oncology</i> , 2012, 30, 8557-8557.	1.6	0
93	Early alterations of microRNA expression to predict and modulate melanoma metastasis.. <i>Journal of Clinical Oncology</i> , 2012, 30, 8550-8550.	1.6	0
94	Prognostic value of mitosis-specific antibodies and computer image analysis in calculating mitotic rate in melanoma.. <i>Journal of Clinical Oncology</i> , 2012, 30, e19003-e19003.	1.6	0
95	Breast cancer risk prediction using the novel germ-line signatures in epigenome regulatory pathways.. <i>Journal of Clinical Oncology</i> , 2013, 31, 1500-1500.	1.6	0
96	Analysis of plasma-based <i>BRAF</i> and <i>NRAS</i> mutation detection in patients with stage III and IV melanoma.. <i>Journal of Clinical Oncology</i> , 2013, 31, 9023-9023.	1.6	0
97	The genetic variants in interleukin locus at 1q32.1 as markers of melanoma survival.. <i>Journal of Clinical Oncology</i> , 2014, 32, 9094-9094.	1.6	0
98	Droplet digital PCR monitoring of <i>BRAF</i> and <i>NRAS</i> plasma DNA as biomarkers of treatment response in stage IV melanoma.. <i>Journal of Clinical Oncology</i> , 2014, 32, 9019-9019.	1.6	0
99	De novo versus nevus-associated melanomas: Differences in associations with prognostic indicators and survival.. <i>Journal of Clinical Oncology</i> , 2015, 33, 9025-9025.	1.6	0
100	Analysis of <i>TERT</i> promoter mutations, polymorphisms, clinicopathologic features and recurrence-free survival in primary melanoma.. <i>Journal of Clinical Oncology</i> , 2016, 34, e21065-e21065.	1.6	0
101	Identification of differentially expressed genes associated with clinical response after treatment of breast cancer skin metastases with imiquimod.. <i>Journal of Clinical Oncology</i> , 2017, 35, e12541-e12541.	1.6	0
102	Effect of comprehensive, individualized, person-centered management (CI-PCM) on psychotropic medication usage in advanced Alzheimer's persons in a 28-week randomized controlled trial. <i>Alzheimer's and Dementia</i> , 2021, 17, e056048.	0.8	0
103	Patient- and County-Level Factors Associated with Late-Stage Merkel Cell Carcinoma at Diagnosis. <i>Journal of Investigative Dermatology</i> , 2022, 142, 3113-3117.	0.7	0
104	Comparison of the clinicopathologic features of prostate cancer in US and Chinese populations. <i>Pathology Research and Practice</i> , 2022, 234, 153933.	2.3	0