

Yue Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

2,344
citations

304602

22
h-index

243529

44
g-index

100
all docs

100
docs citations

100
times ranked

3680
citing authors

#	ARTICLE	IF	CITATIONS
1	Selection and evaluation of clinically relevant AAV variants in a xenograft liver model. <i>Nature</i> , 2014, 506, 382-386.	13.7	376
2	Correlation of SARS-CoV-2 RNA in wastewater with COVID-19 disease burden in sewersheds. <i>Science of the Total Environment</i> , 2021, 775, 145790.	3.9	243
3	A 20-year study of suicide death in a statewide autism population. <i>Autism Research</i> , 2019, 12, 658-666.	2.1	116
4	The influence of radiographic viewing perspective and demographics on the critical shoulder angle. <i>Journal of Shoulder and Elbow Surgery</i> , 2015, 24, e149-e158.	1.2	113
5	Short-Term Air Pollution and Incident Pneumonia. A Case-“Crossover Study. <i>Annals of the American Thoracic Society</i> , 2018, 15, 449-459.	1.5	86
6	The Minimal Clinically Important Difference of the PROMIS and QuickDASH Instruments in a Nonshoulder Hand and Upper Extremity Patient Population. <i>Journal of Hand Surgery</i> , 2020, 45, 399-407.e6.	0.7	69
7	Targeting tumor-associated macrophages in the tumor microenvironment (Review). <i>Oncology Letters</i> , 2020, 20, 1-1.	0.8	61
8	Residential Traffic-Related Pollution Exposures and Exhaled Nitric Oxide in the Children’s Health Study. <i>Environmental Health Perspectives</i> , 2011, 119, 1472-1477.	2.8	55
9	Predictive Factors for Acute Proximal Junctional Failure after Adult Deformity Surgery with Upper Instrumented Vertebrae in the Thoracolumbar Spine. <i>Evidence-based Spine-care Journal</i> , 2014, 05, 160-162.	0.9	52
10	In vivo tomographic imaging with fluorescence and MRI using tumor-targeted dual-labeled nanoparticles. <i>International Journal of Nanomedicine</i> , 2014, 9, 33.	3.3	50
11	Characteristics of Antimicrobial Stewardship Programs at Veterans Affairs Hospitals: Results of a Nationwide Survey. <i>Infection Control and Hospital Epidemiology</i> , 2016, 37, 647-654.	1.0	49
12	The N6-methyladenosine modification enhances ferroptosis resistance through inhibiting SLC7A11 mRNA deadenylation in hepatoblastoma. <i>Clinical and Translational Medicine</i> , 2022, 12, e778.	1.7	46
13	Traffic-related air pollution and alveolar nitric oxide in southern California children. <i>European Respiratory Journal</i> , 2016, 47, 1348-1356.	3.1	45
14	Bioinspired MXene-Based User-Interactive Electronic Skin for Digital and Visual Dual-Channel Sensing. <i>Nano-Micro Letters</i> , 2022, 14, 119.	14.4	45
15	Longitudinal effects of air pollution on exhaled nitric oxide: the Children’s Health Study. <i>Occupational and Environmental Medicine</i> , 2014, 71, 507-513.	1.3	44
16	Reverse total shoulder arthroplasty: a biomechanical evaluation of humeral and glenosphere hardware configuration. <i>Journal of Shoulder and Elbow Surgery</i> , 2015, 24, e68-e77.	1.2	43
17	Identification of a genetic variant associated with rotator cuff repair healing. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 865-872.	1.2	37
18	Short-term results of acellular porcine corneal stroma keratoplasty for herpes simplex keratitis. <i>Xenotransplantation</i> , 2019, 26, e12509.	1.6	37

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19	The Dynamic Relationship Between Asthma and Obesity in Schoolchildren. <i>American Journal of Epidemiology</i> , 2020, 189, 583-591.	1.6	32
20	Ginsenoside Rg1 Ameliorates Cigarette Smoke-Induced Airway Fibrosis by Suppressing the TGF- β 1/Smad Pathway In Vivo and In Vitro. <i>BioMed Research International</i> , 2017, 2017, 1-12.	0.9	31
21	Preimplantation Exposure to Bisphenol A and Triclosan May Lead to Implantation Failure in Humans. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	27
22	Estimation of Parameters in the Two-Compartment Model for Exhaled Nitric Oxide. <i>PLoS ONE</i> , 2014, 9, e85471.	1.1	26
23	Inaccuracies in electronic health records smoking data and a potential approach to address resulting underestimation in determining lung cancer screening eligibility. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2022, 29, 779-788.	2.2	26
24	Biomarkers of Environmental Enteropathy are Positively Associated with Immune Responses to an Oral Cholera Vaccine in Bangladeshi Children. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005039.	1.3	25
25	Short-Term Particulate Air Pollution Exposure is Associated with Increased Severity of Respiratory and Quality of Life Symptoms in Patients with Fibrotic Sarcoidosis. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1077.	1.2	24
26	Association of Wearable Device Use With Pulse Rate and Health Care Use in Adults With Atrial Fibrillation. <i>JAMA Network Open</i> , 2021, 4, e215821.	2.8	24
27	Multiple flow exhaled nitric oxide, allergy, and asthma in a population of older children. <i>Pediatric Pulmonology</i> , 2013, 48, 885-896.	1.0	23
28	Patients With Migraine Have Substantial Reductions in Measures of Visual Quality of Life. <i>Headache</i> , 2018, 58, 1007-1013.	1.8	22
29	Perspectives of Physician and Pharmacist Stewards on Successful Antibiotic Stewardship Program Implementation: A Qualitative Study. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa229.	0.4	22
30	Neutrophil extracellular traps promote corneal neovascularization-induced by alkali burn. <i>International Immunopharmacology</i> , 2020, 88, 106902.	1.7	21
31	Pharmacological Inhibition of Galectin-3 Ameliorates Diabetes-Associated Cognitive Impairment, Oxidative Stress and Neuroinflammation in vivo and in vitro. <i>Journal of Inflammation Research</i> , 2020, Volume 13, 533-542.	1.6	20
32	Age-related differences in humerothoracic, scapulothoracic, and glenohumeral kinematics during elevation and rotation motions. <i>Journal of Biomechanics</i> , 2021, 117, 110266.	0.9	20
33	Genetic and epigenetic susceptibility of airway inflammation to PM2.5 in school children: new insights from quantile regression. <i>Environmental Health</i> , 2017, 16, 88.	1.7	19
34	Environmental Contamination of Contact Precaution and Non-Contact Precaution Patient Rooms in Six Acute Care Facilities. <i>Clinical Infectious Diseases</i> , 2021, 72, S8-S16.	2.9	18
35	High-temperature phase and microstructure evolution of polymer-derived SiZrCN and SiZrBCN ceramic nanocomposites. <i>Journal of the American Ceramic Society</i> , 2020, 103, 7001-7013.	1.9	17
36	Risk Factors for Hospital-Acquired Pressure Injury in Surgical Critical Care Patients. <i>American Journal of Critical Care</i> , 2020, 29, e128-e134.	0.8	17

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37	Medium-temperature sintering efficiency of ZrB ₂ ceramics using polymer-derived SiBCN as a sintering aid. <i>Journal of the American Ceramic Society</i> , 2019, 102, 855-866.	1.9	16
38	Personalized Technologist Dose Audit Feedback for Reducing Patient Radiation Exposure From CT. <i>Journal of the American College of Radiology</i> , 2014, 11, 300-308.	0.9	15
39	Start codon disruption with CRISPR/Cas9 prevents murine Fuchs' endothelial corneal dystrophy. <i>ELife</i> , 2021, 10, .	2.8	15
40	Further Study of the Effects of Treatment Intensity on Outcomes of Sound Production Treatment for Acquired Apraxia of Speech: Does Dose Frequency Matter?. <i>American Journal of Speech-Language Pathology</i> , 2020, 29, 263-285.	0.9	14
41	Fine Particulate Matter and Respiratory Healthcare Encounters among Survivors of Childhood Cancers. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1081.	1.2	13
42	Reliable interpretation of scapular kinematics depends on coordinate system definition. <i>Gait and Posture</i> , 2020, 81, 183-190.	0.6	13
43	Acetylsalicylic Acid Promotes Corneal Epithelium Migration by Regulating Neutrophil Extracellular Traps in Alkali Burn. <i>Frontiers in Immunology</i> , 2020, 11, 551057.	2.2	13
44	Bayesian mixed hidden Markov models: a multi-level approach to modeling categorical outcomes with differential misclassification. <i>Statistics in Medicine</i> , 2014, 33, 1395-1408.	0.8	12
45	Alteration in the expression of the renin-angiotensin system in the myocardium of mice conceived by in vitro fertilization. <i>Biology of Reproduction</i> , 2018, 99, 1276-1288.	1.2	12
46	Minimal Clinically Important Difference of the PROMIS Upper-Extremity Computer Adaptive Test and QuickDASH for Ligament Reconstruction Tendon Interposition Patients. <i>Journal of Hand Surgery</i> , 2021, 46, 516-516.e7.	0.7	12
47	Establishing the Minimal Clinically Important Difference for the PROMIS Upper Extremity Computer Adaptive Test Version 2.0 in a Nonshoulder Hand and Upper Extremity Population. <i>Journal of Hand Surgery</i> , 2021, 46, 927.e1-927.e10.	0.7	11
48	Positive or negative anteromedial cortical support of unstable petrochanteric femoral fractures: A finite element analysis study. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111473.	2.5	11
49	Association of Inpatient Antimicrobial Utilization Measures with Antimicrobial Stewardship Activities and Facility Characteristics of Veterans Affairs Medical Centers. <i>Journal of Hospital Medicine</i> , 2017, 12, 301-309.	0.7	11
50	Extended models for nosocomial infection: parameter estimation and model selection. <i>Mathematical Medicine and Biology</i> , 2018, 35, i29-i49.	0.8	10
51	Circular RNA and Its Roles in the Occurrence, Development, Diagnosis of Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 845703.	1.3	10
52	Cardiac Stress Testing during Workup for Abdominal Aortic Aneurysm Repair Is Not Associated with Improved Patient Outcomes. <i>Annals of Vascular Surgery</i> , 2017, 42, 222-230.	0.4	9
53	Patterns and determinants of exhaled nitric oxide trajectories in schoolchildren over a 7-year period. <i>European Respiratory Journal</i> , 2020, 56, 2000011.	3.1	8
54	The minimal clinically important difference of the Patient-Reported Outcomes Measurement Information System (PROMIS) physical function and upper extremity computer adaptive tests and QuickDASH in the setting of elbow trauma. <i>JSES International</i> , 2021, 5, 1132-1138.	0.7	8

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55	Integrating Time-Varying and Ecological Exposures into Multivariate Analyses of Hospital-Acquired Infection Risk Factors: A Review and Demonstration. <i>Infection Control and Hospital Epidemiology</i> , 2016, 37, 411-419.	1.0	7
56	Viewing perspective malrotation influences angular measurements on lateral radiographs of the scapula. <i>Journal of Shoulder and Elbow Surgery</i> , 2020, 29, 1030-1039.	1.2	7
57	Tunicamycin-induced endoplasmic reticulum stress inhibits chemoresistance of FaDu hypopharyngeal carcinoma cells in 3D collagen I cultures and in vivo. <i>Experimental Cell Research</i> , 2021, 405, 112725.	1.2	7
58	The Role of Childhood Asthma in Obesity Development. <i>Epidemiology</i> , 2022, 33, 131-140.	1.2	7
59	CircRNAs: Emerging Bladder Cancer Biomarkers and Targets. <i>Frontiers in Oncology</i> , 2020, 10, 606485.	1.3	7
60	Influence of Radiographic Viewing Perspective on Glenoid Inclination Measurement. <i>Journal of Shoulder and Elbow Arthroplasty</i> , 2019, 3, 247154921882498.	0.5	6
61	Sex-dependent Regeneration Patterns in Mouse Submandibular Glands. <i>Journal of Histochemistry and Cytochemistry</i> , 2020, 68, 305-318.	1.3	6
62	Social dynamics of a population-level dashboard for antimicrobial stewardship: A qualitative analysis. <i>American Journal of Infection Control</i> , 2021, 49, 862-867.	1.1	6
63	The Role of Structural Inequality on COVID-19 Incidence Rates at the Neighborhood Scale in Urban Areas. <i>Covid</i> , 2021, 1, 186-202.	0.7	6
64	Exosomes and Exosomal circRNAs: The Rising Stars in the Progression, Diagnosis and Prognosis of Gastric Cancer. <i>Cancer Management and Research</i> , 2021, Volume 13, 8121-8129.	0.9	6
65	The dynamic of the potential pathogenic bacteria, antibiotic-resistant bacteria, and antibiotic resistance genes in the water at different growth stages of grass carp pond. <i>Environmental Science and Pollution Research</i> , 2022, 29, 23806-23822.	2.7	6
66	Variability in spousal perceptions of caregiving and its relationship to older caregiver health outcomes. <i>Journal of General Internal Medicine</i> , 2018, 33, 1504-1511.	1.3	5
67	Application of artificial neural network optimization for resilient ceramic parts fabricated by direct ink writing. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 217-226.	1.1	5
68	Estimating the optimal individualized treatment rule from a cost-effectiveness perspective. <i>Biometrics</i> , 2022, 78, 337-351.	0.8	5
69	Estimated forces and moments experienced by osseointegrated endoprostheses for lower extremity amputees. <i>Gait and Posture</i> , 2020, 80, 49-55.	0.6	5
70	Long-term exposures to air pollutants affect eNO in children: a longitudinal study. <i>European Respiratory Journal</i> , 2021, 58, 2100705.	3.1	5
71	Minimal Clinically Important Differences of PROMIS PF in Ankle Fracture Patients. <i>Foot and Ankle International</i> , 2022, 43, 968-972.	1.1	5
72	Corneal graft melting: a systematic review. <i>International Journal of Ophthalmology</i> , 2020, 13, 493-502.	0.5	4

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73	What factors influence patient experience in orthopedic oncology office visits?. World Journal of Clinical Oncology, 2020, 11, 136-142.	0.9	4
74	In Vitro Simulation of Shoulder Motion Driven by Three-Dimensional Scapular and Humeral Kinematics. Journal of Biomechanical Engineering, 2022, 144, .	0.6	4
75	Establishing the Substantial Clinical Benefit in a Non-Shoulder Hand and Upper Extremity Population for the QuickDASH and PROMIS Upper Extremity and Physical Function Computer Adaptive Tests. Journal of Hand Surgery, 2022, 47, 358-369.e3.	0.7	4
76	Vaccine hesitancy among parents and its influencing factors: a cross-sectional study in Guangzhou, China. Human Vaccines and Immunotherapeutics, 2024, 17, 1-9.	1.4	4
77	Determinants of Children's Exhaled Nitric Oxide: New Insights from Quantile Regression. PLoS ONE, 2015, 10, e0130505.	1.1	3
78	Specifying an implementation framework for Veterans Affairs antimicrobial stewardship programmes: using a factor analysis approach. Journal of Antimicrobial Chemotherapy, 2018, 73, 2559-2566.	1.3	3
79	Upper extremity prosthetic selection influences loading of transhumeral osseointegrated systems. PLoS ONE, 2020, 15, e0237179.	1.1	3
80	Motivation and Problem Solving Versus Mobile 360° Videos to Promote Enrollment in the National Diabetes Prevention Program's Lifestyle Change Program Among People With Prediabetes: Protocol for a Randomized Trial. JMIR Research Protocols, 2021, 10, e28884.	0.5	3
81	Mobile Virtual Reality Versus Mobile 360° Video to Promote Enrollment in the Diabetes Prevention Program Among Hispanic Adults: Pilot Study. JMIR Diabetes, 2022, 7, e26013.	0.9	3
82	Patient-reported outcomes and costs associated with vascular closure and same-day discharge following atrial fibrillation ablation. Journal of Cardiovascular Electrophysiology, 2022, 33, 1737-1744.	0.8	3
83	Cyclic stretch stimulates recruitment of active Na ⁺ /K ⁺ -ATPase subunits to the plasma membrane of skeletal muscle cells. Molecular and Cellular Biochemistry, 2012, 366, 299-308.	1.4	2
84	Influence of Pseudomonas autoinducer N-3-oxododecanoyl homoserine lactone on human corneal epithelial cells. Experimental Biology and Medicine, 2021, 246, 426-435.	1.1	2
85	Inhibitory effects of alopentine on voltage-gated Na ⁺ channels in rat ventricular myocytes. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 1579-1588.	1.4	2
86	1328Decreased Vancomycin Use after Implementation of a Decision Support Program for Antibiotic Time Outs. Open Forum Infectious Diseases, 2014, 1, S54-S54.	0.4	1
87	Dynamic latent trait models with mixed hidden Markov structure for mixed longitudinal outcomes. Journal of Applied Statistics, 2016, 43, 704-720.	0.6	1
88	Comparing Risk Profiles in Critical Care Patients With Stage 2 and Deep Tissue Pressure Injuries: Exploratory Retrospective Cohort Study. JMIR Dermatology, 2021, 4, e29757.	0.4	1
89	Longitudinal personalized urinary tumor DNA analysis in muscle-invasive bladder cancer from the neoadjuvant immunotherapy trial RJBLC-I2N003.. Journal of Clinical Oncology, 2022, 40, 552-552.	0.8	1
90	How to Use Antimicrobial Use Data? A Model to Support Decision-Making and Facilitate Understanding. Open Forum Infectious Diseases, 2017, 4, S249-S250.	0.4	0

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91	Effects of Policy and Resources on Antimicrobial Stewardship Interventions in the VA: Applying a Transaction Cost Economics Framework. Open Forum Infectious Diseases, 2017, 4, S254-S254.	0.4	0
92	2198. Increased Global Incidence and Altered Demographic Profile of Hepatitis Delta Virus (HDV). Open Forum Infectious Diseases, 2018, 5, S649-S649.	0.4	0
93	497. Identification of Patients at Risk of <i>Clostridium difficile</i> Infection for Enrollment in Vaccine Clinical Trials. Open Forum Infectious Diseases, 2018, 5, S184-S184.	0.4	0
94	Interaction of environmental eukaryotic microorganisms and fungi in the pond-cultured carps: new insights into the potential pathogenic fungi in the freshwater aquaculture. Environmental Science and Pollution Research, 2021, 28, 38839-38854.	2.7	0