

Nanhua Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

2,359
citations

218677

26
h-index

265206

42
g-index

103
all docs

103
docs citations

103
times ranked

3281
citing authors

#	ARTICLE	IF	CITATIONS
1	Childhood Cardiovascular Risk Factors and Adult Cardiovascular Events. <i>New England Journal of Medicine</i> , 2022, 386, 1877-1888.	27.0	210
2	Engagement and Retention: Measuring Breadth and Depth of Participant Use of an Online Intervention. <i>Journal of Medical Internet Research</i> , 2010, 12, e52.	4.3	195
3	Tailoring a fruit and vegetable intervention on ethnic identity: Results of a randomized study.. <i>Health Psychology</i> , 2009, 28, 394-403.	1.6	103
4	Social Environmental Moderators of Long-term Functional Outcomes of Early Childhood Brain Injury. <i>JAMA Pediatrics</i> , 2016, 170, 343.	6.2	84
5	Early Childhood Lead Exposure and Academic Achievement: Evidence From Detroit Public Schools, 2008â€“2010. <i>American Journal of Public Health</i> , 2013, 103, e72-e77.	2.7	83
6	Online Problem-Solving Therapy After Traumatic Brain Injury: A Randomized Controlled Trial. <i>Pediatrics</i> , 2015, 135, e487-e495.	2.1	64
7	â€œBut the moment they find out that you are MSMâ€ â€: a qualitative investigation of HIV prevention experiences among men who have sex with men (MSM) in Ghanaâ€™s health care system. <i>BMC Public Health</i> , 2017, 17, 770.	2.9	64
8	Randomized Clinical Trial of Online Parent Training for Behavior Problems After Early Brain Injury. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017, 56, 930-939.e2.	0.5	61
9	Lifestyle Interventions in Preschool Children: A Meta-analysis of Effectiveness. <i>American Journal of Preventive Medicine</i> , 2017, 53, 102-112.	3.0	60
10	Secondary Attention-Deficit/Hyperactivity Disorder in Children and Adolescents 5 to 10 Years After Traumatic Brain Injury. <i>JAMA Pediatrics</i> , 2018, 172, 437.	6.2	57
11	Electronic monitoring reveals highly variable adherence patterns in patients prescribed ivacaftor. <i>Journal of Cystic Fibrosis</i> , 2015, 14, 621-626.	0.7	56
12	Effect of Intranasal Ketamine vs Fentanyl on Pain Reduction for Extremity Injuries in Children. <i>JAMA Pediatrics</i> , 2019, 173, 140.	6.2	55
13	Economic, Legal, and Social Hardships Associated with HIV Risk among Black Men who have Sex with Men in Six US Cities. <i>Journal of Urban Health</i> , 2016, 93, 170-188.	3.6	54
14	Long-Term Neuropsychological Profiles and Their Role as Mediators of Adaptive Functioning after Traumatic Brain Injury in Early Childhood. <i>Journal of Neurotrauma</i> , 2017, 34, 353-362.	3.4	53
15	The Association of HIV Stigma and HIV/STD Knowledge With Sexual Risk Behaviors Among Adolescent and Adult Men Who Have Sex With Men in Ghana, West Africa. <i>Research in Nursing and Health</i> , 2015, 38, 194-206.	1.6	51
16	Longitudinal Cardiovascular Outcomes of Sleep Disordered Breathing in Children: A Meta-Analysis and Systematic Review. <i>Sleep</i> , 2017, 40, .	1.1	51
17	Subsample Ignorable Likelihood for Regression Analysis with Missing Data. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2011, 60, 591-605.	1.0	48
18	Prediction of adult class II/III obesity from childhood BMI: the i3C consortium. <i>International Journal of Obesity</i> , 2020, 44, 1164-1172.	3.4	41

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19	Long-Term Behavioral Outcomes after a Randomized, Clinical Trial of Counselor-Assisted Problem Solving for Adolescents with Complicated Mild-to-Severe Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2015, 32, 967-975.	3.4	40
20	Prospective validation of a machine learning model that uses provider notes to identify candidates for resective epilepsy surgery. <i>Epilepsia</i> , 2020, 61, 39-48.	5.1	39
21	Predictors of Condom Use among Peer Social Networks of Men Who Have Sex with Men in Ghana, West Africa. <i>PLoS ONE</i> , 2015, 10, e0115504.	2.5	37
22	Are UCH-L1 and GFAP promising biomarkers for children with mild traumatic brain injury?. <i>Brain Injury</i> , 2016, 30, 1231-1238.	1.2	37
23	Telehealth delivery of adherence and medication management system improves outcomes in inner-city children with asthma. <i>Pediatric Pulmonology</i> , 2020, 55, 858-865.	2.0	37
24	Association between urinary manganese and blood pressure: Results from National Health and Nutrition Examination Survey (NHANES), 2011-2014. <i>PLoS ONE</i> , 2017, 12, e0188145.	2.5	33
25	Feasibility and Potential Benefits of a Web-Based Intervention Delivered Acutely After Mild Traumatic Brain Injury in Adolescents: A Pilot Study. <i>Journal of Head Trauma Rehabilitation</i> , 2016, 31, 369-378.	1.7	32
26	Increasing Donor Designation through Black Churches: Results of a Randomized Trial. <i>Progress in Transplantation</i> , 2012, 22, 161-167.	0.7	31
27	Using Facebook in a Healthy Lifestyle Intervention: Feasibility and Preliminary Efficacy. <i>Western Journal of Nursing Research</i> , 2018, 40, 1818-1842.	1.4	29
28	Online Problem Solving for Adolescent Brain Injury: A Randomized Trial of 2 Approaches. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2018, 39, 154-162.	1.1	25
29	Childhood Exposure to Religions With High Prevalence of Members Who Discourage Homosexuality Is Associated With Adult HIV Risk Behaviors and HIV Infection in Black Men Who Have Sex With Men. <i>American Journal of Men's Health</i> , 2017, 11, 1309-1321.	1.6	24
30	Influence of Catechol-O-methyltransferase on Executive Functioning Longitudinally After Early Childhood Traumatic Brain Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2016, 31, E1-E9.	1.7	23
31	The Stability and Influence of Barriers to Medication Adherence on Seizure Outcomes and Adherence in Children With Epilepsy Over 2 Years. <i>Journal of Pediatric Psychology</i> , 2018, 43, 122-132.	2.1	23
32	Feasibility and Emotional Impact of Experimentally Extending Sleep in Short-Sleeping Adolescents. <i>Sleep</i> , 2017, 40, .	1.1	22
33	Mining patient-specific and contextual data with machine learning technologies to predict cancellation of children's surgery. <i>International Journal of Medical Informatics</i> , 2019, 129, 234-241.	3.3	21
34	When Intraclass Correlation Coefficients Go Awry: A Case Study From a School-Based Smoking Prevention Study in South Africa. <i>American Journal of Public Health</i> , 2010, 100, 1714-1718.	2.7	20
35	Recovery Trajectories of Child and Family Outcomes Following Online Family Problem-Solving Therapy for Children and Adolescents after Traumatic Brain Injury. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 941-949.	1.8	19
36	Implementation and evaluation of a culturally grounded group-based HIV prevention programme for men who have sex with men in Ghana. <i>Global Public Health</i> , 2021, 16, 1028-1045.	2.0	19

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37	Losing sleep by staying up late leads adolescents to consume more carbohydrates and a higher glycemic load. <i>Sleep</i> , 2022, 45, .	1.1	19
38	Adolescents with Mild Traumatic Brain Injury Get SMART: An Analysis of a Novel Web-Based Intervention. <i>Telemedicine Journal and E-Health</i> , 2017, 23, 600-607.	2.8	18
39	Behavior Problems Following Childhood TBI: The Role of Sex, Age, and Time Since Injury. <i>Journal of Head Trauma Rehabilitation</i> , 2020, 35, E393-E404.	1.7	18
40	The epidemiology of HIV and other sexually transmitted infections in African, Caribbean and Black men in Toronto, Canada. <i>BMC Infectious Diseases</i> , 2019, 19, 294.	2.9	16
41	Observed parent behaviors as time-varying moderators of problem behaviors following traumatic brain injury in young children.. <i>Developmental Psychology</i> , 2016, 52, 1777-1792.	1.6	16
42	Barriers to HIV pre-exposure prophylaxis among African, Caribbean and Black men in Toronto, Canada. <i>PLoS ONE</i> , 2019, 14, e0213740.	2.5	15
43	A Pediatric Emergency Department Intervention to Increase Contraception Initiation Among Adolescents. <i>Academic Emergency Medicine</i> , 2019, 26, 761-769.	1.8	15
44	Caution regarding the choice of standard deviations to guide sample size calculations in clinical trials. <i>Clinical Trials</i> , 2013, 10, 522-529.	1.6	14
45	Ethnic Identity, Questionnaire Content, and the Dilemma of Race Matching in Surveys of African Americans by African American Interviewers. <i>Field Methods</i> , 2013, 25, 142-161.	0.8	14
46	Online Family Problem Solving for Pediatric Traumatic Brain Injury: Influences of Parental Marital Status and Participation on Adolescent Outcomes. <i>Journal of Head Trauma Rehabilitation</i> , 2018, 33, 158-166.	1.7	14
47	A Preliminary Study of the Effects of Attentive Music Listening on Cochlear Implant Usersâ€™ Speech Perception, Quality of Life, and Behavioral and Objective Measures of Frequency Change Detection. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 110.	2.0	14
48	Development of a Scale to Measure African American Attitudes toward Organ Donation. <i>Journal of Health Psychology</i> , 2012, 17, 389-398.	2.3	13
49	Online Family Problem-solving Treatment for Pediatric Traumatic Brain Injury. <i>Pediatrics</i> , 2018, 142, .	2.1	12
50	Does Apolipoprotein e4 Status Moderate the Association of Family Environment with Long-Term Child Functioning following Early Moderate to Severe Traumatic Brain Injury? A Preliminary Study. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 859-864.	1.8	11
51	Age-related changes in baroreflex sensitivity and cardiac autonomic tone in children mirrored by regional brain gray matter volume trajectories. <i>Pediatric Research</i> , 2018, 83, 498-505.	2.3	11
52	Effects of Web-Based Parent Training on Caregiver Functioning Following Pediatric Traumatic Brain Injury: A Randomized Control Trial. <i>Journal of Head Trauma Rehabilitation</i> , 2018, 33, E19-E29.	1.7	11
53	Examination of Injury, Host, and Social-Environmental Moderators of Online Family Problem Solving Treatment Efficacy for Pediatric Traumatic Brain Injury Using an Individual Participant Data Meta-Analytic Approach. <i>Journal of Neurotrauma</i> , 2019, 36, 1147-1155.	3.4	11
54	Autonomy-Supportive Healthcare Climate and HIV-Related Stigma Predict Linkage to HIV Care in Men Who Have Sex With Men in Ghana, West Africa. <i>Journal of the International Association of Providers of AIDS Care</i> , 2021, 20, 232595822097811.	1.5	11

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55	The impact of short sleep on food reward processes in adolescents. <i>Journal of Sleep Research</i> , 2021, 30, e13054.	3.2	10
56	Flexible link functions in a joint model of binary and longitudinal data. <i>Stat</i> , 2015, 4, 320-330.	0.4	9
57	The Moderating Effect of the Ankyrin Repeat and Kinase Domain Containing One Gene on the Association of Family Environment with Longitudinal Executive Function following Traumatic Brain Injury in Early Childhood: A Preliminary Study. <i>Journal of Neurotrauma</i> , 2018, 35, 2796-2802.	3.4	9
58	Relationship between exercise capacity and glucose tolerance in cystic fibrosis. <i>Pediatric Pulmonology</i> , 2018, 53, 154-161.	2.0	9
59	Screen time use impacts low-income preschool children's sleep quality, tiredness, and ability to fall asleep. <i>Child: Care, Health and Development</i> , 2021, 47, 618-626.	1.7	9
60	Joint modeling of a linear mixed effects model for self-esteem from mean ages 13 to 22 and a generalized linear model for anxiety disorder at mean age 33. <i>Journal of Medical Statistics and Informatics</i> , 2015, 3, 1.	1.0	9
61	Organ Donation Attitudes and Practices among African Americans: An Adapted Measurement Instrument. <i>Journal of Health Care for the Poor and Underserved</i> , 2016, 27, 1397-1410.	0.8	8
62	Parenting Behaviors after Moderate to Severe Traumatic Injury in Early Childhood. <i>Developmental Neurorehabilitation</i> , 2019, 22, 437-444.	1.1	8
63	The Acoustic Change Complex in Response to Frequency Changes and Its Correlation to Cochlear Implant Speech Outcomes. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 757254.	2.0	8
64	A joint model of binary and longitudinal data with non-ignorable missingness, with application to marital stress and late-life major depression in women. <i>Journal of Applied Statistics</i> , 2014, 41, 1028-1039.	1.3	7
65	Predictors of the Charges for Lumbar Fusion Surgery in Florida Hospitals. <i>Spine</i> , 2014, 39, 1990-1995.	2.0	7
66	A Bayesian nonparametric model for spatially distributed multivariate binary data with application to a multidrug-resistant tuberculosis (MDR-TB) study. <i>Biometrics</i> , 2014, 70, 981-992.	1.4	7
67	Catechol-O-Methyltransferase Genotypes and Parenting Influence on Long-Term Executive Functioning After Moderate to Severe Early Childhood Traumatic Brain Injury: An Exploratory Study. <i>Journal of Head Trauma Rehabilitation</i> , 2017, 32, 404-412.	1.7	7
68	Peer Leaders Increase Organ Donor Designation Among Members of Historically African American Fraternities and Sororities. <i>Progress in Transplantation</i> , 2017, 27, 369-376.	0.7	7
69	Factors associated with lumbar fusion surgery: a case-control study. <i>European Spine Journal</i> , 2017, 26, 698-707.	2.2	6
70	Feasibility and impact on daytime sleepiness of an experimental protocol inducing variable sleep duration in adolescents. <i>PLoS ONE</i> , 2019, 14, e0218894.	2.5	6
71	Long term effects of early childhood traumatic brain injury on narrative discourse gist and psychosocial functioning. <i>Disability and Rehabilitation</i> , 2020, 42, 2383-2392.	1.8	6
72	Caregiver and Child Behavioral Health Service Utilization Following Pediatric Traumatic Brain Injury. <i>Research on Child and Adolescent Psychopathology</i> , 2021, 49, 491-501.	2.3	6

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73	Nonrespondent Subsample Multiple Imputation in Two-Phase Sampling for Nonresponse. <i>Journal of Official Statistics</i> , 2016, 32, 769-785.	0.4	5
74	Gender equity predicts condom use among adolescent and young adult parents in Toronto, Canada. <i>Canadian Journal of Human Sexuality</i> , 2014, 23, 19-26.	1.6	4
75	Operating Profitability of For-Profit and Not-for-Profit Florida Community Hospitals During Medicare Policy Changes, 2000 to 2010. <i>Inquiry (United States)</i> , 2015, 52, 004695801560075.	0.9	4
76	Explaining Differences in Crash and Injury Crash Outcomes in Red Light Camera Studies. <i>Evaluation and the Health Professions</i> , 2016, 39, 226-244.	1.9	4
77	Emergency Department Care of Young Children at Risk for Traumatic Brain Injury. <i>Pediatric Emergency Care</i> , 2019, 35, 468-473.	0.9	4
78	Social, Clinical, and Behavioral Determinants of HIV Infection and HIV Testing among Black Men in Toronto, Ontario: A Classification and Regression Tree Analysis. <i>Journal of the International Association of Providers of AIDS Care</i> , 2020, 19, 232595822093461.	1.5	4
79	Effectiveness of a Universally Offered Chlamydia and Gonorrhea Screening Intervention in the Pediatric Emergency Department. <i>Journal of Adolescent Health</i> , 2021, 68, 57-64.	2.5	4
80	Ecological and Syndemic Predictors of Drug Use During Sex and Transactional Sex among U.S. Black Men Who Have Sex with Men: A Secondary Data Analysis from the HPTN 061 Study. <i>Archives of Sexual Behavior</i> , 2021, 50, 2031-2047.	1.9	4
81	Seizures and Cognitive Outcome After Traumatic Brain Injury: A Post Hoc Analysis. <i>Neurocritical Care</i> , 2022, 36, 130-138.	2.4	4
82	Methodological Progress Note: Handling Missing Data in Clinical Research. <i>Journal of Hospital Medicine</i> , 2020, 15, 237-239.	1.4	4
83	Earlier bedtimes and more sleep displace sedentary behavior but not moderate-to-vigorous physical activity in adolescents. <i>Sleep Health</i> , 2022, 8, 270-276.	2.5	4
84	Jointly Modeling Event Time and Skewed-Longitudinal Data with Missing Response and Mismeasured Covariate for AIDS Studies. <i>Journal of Biopharmaceutical Statistics</i> , 2015, 25, 670-694.	0.8	3
85	Organ Donation Attitudes Among Individuals With Stage 5 Chronic Kidney Disease. <i>Transplantation Direct</i> , 2018, 4, e378.	1.6	3
86	Dopamine-Related Genes Moderate the Association Between Family Environment and Executive Function Following Pediatric Traumatic Brain Injury: An Exploratory Study. <i>Journal of Head Trauma Rehabilitation</i> , 2020, 35, 262-269.	1.7	3
87	A Pseudo-Bayesian Shrinkage Approach to Regression with Missing Covariates. <i>Biometrics</i> , 2012, 68, 933-942.	1.4	2
88	Results of a Prospective Study Evaluating a Noninvasive Method of Hemoglobin Adjustment for Determining the Diffusing Capacity of the Lung. <i>Annals of the American Thoracic Society</i> , 2017, 14, 41-48.	3.2	2
89	PEMCRC anaphylaxis study protocol: a multicentre cohort study to derive and validate clinical decision models for the emergency department management of children with anaphylaxis. <i>BMJ Open</i> , 2021, 11, e037341.	1.9	2
90	Parent- and Adolescent-reported Executive Functioning in the Context of Randomized Controlled Trials of Online Family Problem-Solving Therapy. <i>Journal of the International Neuropsychological Society</i> , 2021, , 1-7.	1.8	2

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91	Zhang et al. Respond. American Journal of Public Health, 2013, 103, e10-e10.	2.7	1
92	Subsample ignorable likelihood for accelerated failure time models with missing predictors. Lifetime Data Analysis, 2015, 21, 457-469.	0.9	1
93	Accounting for misclassification bias of binary outcomes due to underscreening: a sensitivity analysis. BMC Medical Research Methodology, 2017, 17, 168.	3.1	1
94	Factors influencing ED care of young children at-risk for clinically important traumatic brain injury. American Journal of Emergency Medicine, 2018, 36, 1027-1031.	1.6	1
95	A Clustered Randomized Trial Informing Patients on Dialysis About Their Ability to Donate Organs and Tissues. Progress in Transplantation, 2020, 30, 220-227.	0.7	1
96	Response. Clinical Trials, 2013, 10, 992-993.	1.6	0
97	Is Early Smoking a Causal Risk Factor for Later Cognitive Impairment? A 20-year Prospective Study with Time-varying Propensity Score Matching Based on Random Intercept and Slope. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 2733-2743.	1.2	0
98	Participation in Home Visitation is Associated with Higher Utilization of Early Intervention. Maternal and Child Health Journal, 2018, 22, 494-500.	1.5	0
99	0214 The Impact of Sleep Restriction on the Relative Reinforcing Values of Food in Adolescents. Sleep, 2019, 42, A88-A88.	1.1	0
100	BAYESIAN INFERENCE FOR NONRESPONSE TWO-PHASE SAMPLING. Statistica Sinica, 2018, , .	0.3	0
101	Clinical Outcome Assessments in Pediatric Patients With Ulcerative Colitis and Crohn's Disease Receiving Biologics: A Retrospective Cohort Study. Crohn's & Colitis 360, 0, , .	1.1	0