

Motao Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

1,744
citations

331670

21
h-index

345221

36
g-index

104
all docs

104
docs citations

104
times ranked

2520
citing authors

#	ARTICLE	IF	CITATIONS
1	Racial Disparity in Hypertensive Disorders of Pregnancy in New York State: A 10-Year Longitudinal Population-Based Study. <i>American Journal of Public Health</i> , 2007, 97, 163-170.	2.7	184
2	Maternal Low-Level Lead Exposure and Fetal Growth. <i>Environmental Health Perspectives</i> , 2010, 118, 1471-1475.	6.0	166
3	Polycyclic aromatic hydrocarbon biomarkers and serum markers of inflammation. A positive association that is more evident in men. <i>Environmental Research</i> , 2013, 126, 98-104.	7.5	105
4	Medication use and the risk of motor vehicle collisions among licensed drivers: A systematic review. <i>Accident Analysis and Prevention</i> , 2016, 96, 255-270.	5.7	81
5	Urinary polycyclic aromatic hydrocarbon biomarkers and diabetes mellitus. <i>Occupational and Environmental Medicine</i> , 2014, 71, 437-441.	2.8	60
6	Association of rear seat safety belt use with death in a traffic crash: a matched cohort study. <i>Injury Prevention</i> , 2007, 13, 183-185.	2.4	42
7	Motorcycle helmet type and the risk of head injury and neck injury during motorcycle collisions in California. <i>Accident Analysis and Prevention</i> , 2016, 86, 23-28.	5.7	40
8	Characteristics and Precipitating Circumstances of Suicide Among Children Aged 5 to 11 Years in the United States, 2013-2017. <i>JAMA Network Open</i> , 2021, 4, e2115683.	5.9	40
9	A cross-sectional study of travel patterns of older adults in the USA during 2015: implications for mobility and traffic safety. <i>BMJ Open</i> , 2017, 7, e015780.	1.9	38
10	Trends in drug use among drivers killed in U.S. traffic crashes, 1999â€“2010. <i>Accident Analysis and Prevention</i> , 2014, 70, 178-187.	5.7	31
11	Traumatic brain injury mortality among U.S. children and adolescents ages 0â€“19â€“years, 1999â€“2017. <i>Journal of Safety Research</i> , 2020, 72, 93-100.	3.6	30
12	Graduated driver licensing and motor vehicle crashes involving teenage drivers: an exploratory age-stratified meta-analysis. <i>Injury Prevention</i> , 2013, 19, 49-57.	2.4	29
13	Performance of Between-study Heterogeneity Measures in the Cochrane Library. <i>Epidemiology</i> , 2018, 29, 821-824.	2.7	29
14	Risk of vehicleâ€“pedestrian and vehicleâ€“bicyclist collisions among children with disabilities. <i>Accident Analysis and Prevention</i> , 2006, 38, 1064-1070.	5.7	28
15	Why more male pedestrians die in vehicle-pedestrian collisions than female pedestrians: a decompositional analysis. <i>Injury Prevention</i> , 2013, 19, 227-231.	2.4	28
16	Hand-held cell phone use while driving legislation and observed driver behavior among population sub-groups in the United States. <i>BMC Public Health</i> , 2017, 17, 437.	2.9	28
17	Trend of Age-Adjusted Rates of Pediatric Traumatic Brain Injury in U.S. Emergency Departments from 2006 to 2013. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1171.	2.6	27
18	One step closer to fixing association studies: evidence for age- and gender-specific allele frequency variations and deviations from Hardy-Weinberg expectations in controls. <i>Human Genetics</i> , 2005, 118, 322-330.	3.8	25

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19	Keeping an Eye on Distracted Driving. JAMA - Journal of the American Medical Association, 2013, 309, 877.	7.4	25
20	Driver obesity and the risk of fatal injury during traffic collisions. Emergency Medicine Journal, 2014, 31, 9-12.	1.0	25
21	The association between states' texting regulations and the prevalence of texting while driving among U.S. high school students. Annals of Epidemiology, 2015, 25, 888-893.	1.9	25
22	Who actually receives cell phone use while driving citations and how much are these laws enforced among states? A descriptive, cross-sectional study. BMJ Open, 2016, 6, e011381.	1.9	25
23	Child passenger fatality: Child restraint system usage and contributing factors among the youngest passengers from 2011 to 2015. Journal of Safety Research, 2019, 70, 33-38.	3.6	24
24	An investigation of driver, pedestrian, and environmental characteristics and resulting pedestrian injury. Traffic Injury Prevention, 2019, 20, 510-514.	1.4	21
25	<scp>Suicideâ€related overâ€theâ€counter</scp> analgesic exposures reported to United States poison control centers, 2000â€2018. Pharmacoepidemiology and Drug Safety, 2020, 29, 1011-1021.	1.9	21
26	Adaptive response criteria in road hazard detection among older drivers. Traffic Injury Prevention, 2018, 19, 141-146.	1.4	20
27	The association between handheld phone bans and the prevalence of handheld phone conversations among young drivers in the United States. Annals of Epidemiology, 2016, 26, 833-837.e1.	1.9	19
28	Texting/Emailing While Driving Among High School Students in 35 States, United States, 2015. Journal of Adolescent Health, 2018, 63, 701-708.	2.5	19
29	Risk Perceptions of Cellphone Use While Driving: Results from a Delphi Survey. International Journal of Environmental Research and Public Health, 2018, 15, 1074.	2.6	19
30	Cellphone Legislation and Self-Reported Behaviors Among Subgroups of Adolescent U.S. Drivers. Journal of Adolescent Health, 2018, 62, 618-625.	2.5	19
31	Effects of graduated driver licensing on licensure and traffic injury rates in Upstate New York. Accident Analysis and Prevention, 2009, 41, 531-535.	5.7	18
32	Association Between Changes in Social Distancing Policies in Ohio and Traffic Volume and Injuries, January Through July 2020. JAMA - Journal of the American Medical Association, 2021, 325, 1003.	7.4	17
33	Maternal birthplace and major congenital malformations among New York Hispanics. Birth Defects Research Part A: Clinical and Molecular Teratology, 2006, 76, 467-473.	1.6	16
34	Urban and rural variation in walking patterns and pedestrian crashes. Injury Prevention, 2008, 14, 377-380.	2.4	16
35	A validity study of self-reported daily texting frequency, cell phone characteristics, and texting styles among young adults. BMC Research Notes, 2015, 8, 120.	1.4	16
36	The association of graduated driver licensing with miles driven and fatal crash rates per miles driven among adolescents. Injury Prevention, 2015, 21, e23-e27.	2.4	15

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37	Association between cellphone use while driving legislation and self-reported behaviour among adult drivers in USA: a cross-sectional study. <i>BMJ Open</i> , 2019, 9, e023456.	1.9	15
38	Self-reported driving after marijuana use in association with medical and recreational marijuana policies. <i>International Journal of Drug Policy</i> , 2021, 92, 102944.	3.3	15
39	Methamphetamine exposures reported to United States poison control centers, 2000–2019. <i>Clinical Toxicology</i> , 2021, 59, 705-714.	1.9	15
40	Intimate partner violence-related hospitalizations in Appalachia and the non-Appalachian United States. <i>PLoS ONE</i> , 2017, 12, e0184222.	2.5	15
41	Novelty helmet use and motorcycle rider fatality. <i>Accident Analysis and Prevention</i> , 2017, 103, 123-128.	5.7	13
42	Cell phone use while driving laws and motor vehicle driver fatalities: differences in population subgroups and location. <i>Annals of Epidemiology</i> , 2018, 28, 730-735.	1.9	13
43	Validation of not-at-fault driver representativeness assumption for quasi-induced exposure using U.S. national traffic databases. <i>Journal of Safety Research</i> , 2019, 71, 243-249.	3.6	13
44	The Relationship of School Start Times, Sleep Duration and Mental Health among a Representative Sample of High School Students in Colorado, 2019. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5708.	2.6	13
45	Medication use and the risk of motor vehicle collision in West Virginia drivers 65 years of age and older: a case-crossover study. <i>BMC Research Notes</i> , 2016, 9, 166.	1.4	12
46	Bans on Cellphone Use While Driving and Traffic Fatalities in the United States. <i>Epidemiology</i> , 2021, 32, 731-739.	2.7	11
47	Association of Graduated Driver Licensing With Driver, Non-Driver, and Total Fatalities Among Adolescents. <i>American Journal of Preventive Medicine</i> , 2016, 51, 63-70.	3.0	10
48	Trends and patterns in fatal US motorcycle crashes, 2000–2016. <i>Traffic Injury Prevention</i> , 2019, 20, 641-647.	1.4	10
49	Motor vehicle-related electric scooter injuries in the US: A descriptive analysis of NEISS data. <i>American Journal of Emergency Medicine</i> , 2022, 55, 1-5.	1.6	10
50	Analysis of US Teen Driving After Using Marijuana, 2017. <i>JAMA Network Open</i> , 2020, 3, e2030473.	5.9	9
51	On estimation of bivariate biomarkers with known detection limits. <i>Environmetrics</i> , 2008, 19, 301-317.	1.4	8
52	A new weighted injury severity scoring system: better predictive power for adult trauma mortality. <i>Injury Epidemiology</i> , 2019, 6, 40.	1.8	8
53	Suicide Attempts in Association With Traditional and Electronic Bullying Among Heterosexual and Sexual Minority U.S. High School Students. <i>Journal of Adolescent Health</i> , 2021, 68, 1211-1214.	2.5	8
54	Comparing distance and time as driving exposure measures to evaluate fatal crash risk ratios. <i>Accident Analysis and Prevention</i> , 2020, 142, 105576.	5.7	8

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55	Appalachian versus non-Appalachian U.S. traffic fatalities, 2008–2010. <i>Annals of Epidemiology</i> , 2013, 23, 377-380.	1.9	7
56	A comparison of self-reported seat belt usage among the Appalachian and non-Appalachian United States. <i>Annals of Epidemiology</i> , 2016, 26, 227-230.	1.9	7
57	Cellphone laws and teens' calling while driving: analysis of repeated cross-sectional surveys in 2013, 2015, 2017, and 2019. <i>Injury Epidemiology</i> , 2020, 7, 65.	1.8	7
58	Sports and non-sports-related concussions among Medicaid-insured children: health care utilization before and after Ohio's concussion law. <i>Injury Epidemiology</i> , 2020, 7, 55.	1.8	7
59	Challenges of enforcing cellphone use while driving laws among police in the USA: a cross-sectional analysis. <i>BMJ Open</i> , 2021, 11, e049053.	1.9	7
60	Backseat safety belt use and crash outcome. <i>Journal of Safety Research</i> , 2005, 36, 505-507.	3.6	6
61	The association between graduated driver licensing laws and travel behaviors among adolescents: an analysis of US National Household Travel Surveys. <i>BMC Public Health</i> , 2016, 16, 647.	2.9	6
62	Characterization of drug and alcohol use among senior drivers fatally injured in U.S. motor vehicle collisions, 2008–2012. <i>Traffic Injury Prevention</i> , 2016, 17, 788-795.	1.4	6
63	Factors Associated With Child Restraint Use in Motor Vehicle Crashes. <i>Clinical Pediatrics</i> , 2018, 57, 1423-1431.	0.8	6
64	Differences between occupational and non-occupational-related motor vehicle collisions in West Virginia: A cross-sectional and spatial analysis. <i>PLoS ONE</i> , 2019, 14, e0227388.	2.5	6
65	Older Driver Crash Involvement and Fatalities, by Age and Sex, 2000–2017. <i>Journal of Applied Gerontology</i> , 2021, 40, 1314-1319.	2.0	6
66	Changes in reporting for unintentional injury deaths, United States of America. <i>Bulletin of the World Health Organization</i> , 2019, 97, 190-199.	3.3	6
67	Biased Standard Errors From Complex Survey Analysis: An Example From Applying Ordinary Least Squares to the National Hospital Ambulatory Medical Care Survey. <i>Annals of Epidemiology</i> , 2011, 21, 830-834.	1.9	5
68	Investigating traffic fatality trends and restraint use among rear-seat passengers in the United States, 2000–2016. <i>Journal of Safety Research</i> , 2020, 73, 9-16.	3.6	5
69	Demographic and policy-based differences in behaviors and attitudes towards driving after marijuana use: an analysis of the 2013–2017 Traffic Safety Culture Index. <i>BMC Research Notes</i> , 2021, 14, 226.	1.4	5
70	Cocaine exposures reported to United States poison control centers, 2000–2020. <i>Clinical Toxicology</i> , 2022, 60, 827-837.	1.9	5
71	Exposure sources and reasons for testing among women with low blood lead levels. <i>International Journal of Environmental Health Research</i> , 2011, 21, 286-293.	2.7	4
72	Cosmetic-Related Injuries Treated in US Emergency Departments: 2002 to 2016. <i>Clinical Pediatrics</i> , 2019, 58, 1493-1501.	0.8	4

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73	Pediatric Sports- and Recreation-Related Dental Injuries Treated in US Emergency Departments. <i>Clinical Pediatrics</i> , 2019, 58, 1262-1270.	0.8	4
74	Adolescents' attitudes and intentions to use a smartphone app to promote safe driving. <i>Transportation Research Interdisciplinary Perspectives</i> , 2020, 4, 100090.	2.7	4
75	Support for distracted driving laws: An analysis of adolescent drivers from the Traffic Safety Culture Index from 2011 to 2017. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2021, 78, 424-432.	3.7	4
76	Driving contradictions: behaviors and attitudes regarding handheld and hands-free cellphone use while driving among young drivers. <i>Injury Epidemiology</i> , 2021, 8, 18.	1.8	4
77	Furniture and television tip-over injuries to children treated in United States emergency departments. <i>Injury Epidemiology</i> , 2021, 8, 53.	1.8	4
78	Suspected suicides and nonfatal suicide attempts involving antidepressants reported to United States poison control centers, 2000-2020. <i>Clinical Toxicology</i> , 2022, 60, 818-826.	1.9	4
79	Implications of Conducting Trend Analyses of Emergency Department Visits Using Publicly Released Masked Design Variables. <i>Annals of Emergency Medicine</i> , 2011, 57, 683-687.e1.	0.6	3
80	Investigating the long-term consequences of adverse medical events among older adults. <i>Injury Prevention</i> , 2014, 20, 408-415.	2.4	3
81	Brief Report. <i>Epidemiology</i> , 2016, 27, 620-623.	2.7	3
82	Motor vehicle fatalities during Memorial Day weekends, 1981-2016. <i>BMC Research Notes</i> , 2020, 13, 7.	1.4	3
83	A cross-sectional study of characteristics of bicyclist upper and lower extremity injuries in bicycle-vehicle crashes in Ohio, United States, 2013-2017. <i>BMC Public Health</i> , 2021, 21, 428.	2.9	3
84	Estimating the reference interval from a fixed effects meta-analysis. <i>Research Synthesis Methods</i> , 2021, 12, 630-640.	8.7	3
85	Fun ride or risky transport: Golf cart-related injuries treated in U.S. emergency departments from 2007 through 2017. <i>Journal of Safety Research</i> , 2020, 75, 1-7.	3.6	3
86	Injury-related hospitalisations in a rural county of southern China, 1994-2005. <i>Injury Prevention</i> , 2009, 15, 421-424.	2.4	2
87	Driver License Renewal Laws and Older Adults' Daily Driving, United States, 2003-2017. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2020, 75, 2268-2277.	3.9	2
88	Validating the representativeness assumption of the quasi-induced exposure method using a national representative field observation survey. <i>Traffic Injury Prevention</i> , 2021, 22, 133-138.	1.4	2
89	The Associations Between Older Driver Licensure Laws with Travel and Passenger Behaviors Among Adults Aged 65 Years or Older (United States, 2003-2017). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2251.	2.6	2
90	Mental health and substance use by sexual minority status in high school students who experienced sexual violence. <i>Annals of Epidemiology</i> , 2021, 64, 127-131.	1.9	2

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91	Dangers of Distracted Drivingâ€”Reply. JAMA - Journal of the American Medical Association, 2013, 309, 2436.	7.4	1
92	Increased motor vehicle fatalities Tuesday through Thursday during the US Thanksgiving holiday (1980â€”2018). Preventive Medicine Reports, 2020, 20, 101245.	1.8	1
93	Farm vehicle crashes on public roads: Analysis of farmâ€”level factors. Journal of Rural Health, 2022, 38, 537-545.	2.9	1
94	PW 0148â€”Unintentional injury mortality attributed to changes in data reporting for americans aged 65 years and older, 1999â€”2016. , 2018, , .		0
95	220â€”Farm equipment crashes on public roads: results from a survey of midwest farms. , 2020, , .		0