

H Xue

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

8,933
citations

201575

27
h-index

69214

77
g-index

103
all docs

103
docs citations

103
times ranked

11861
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The Obesity Epidemic in the United States Gender, Age, Socioeconomic, Racial/Ethnic, and Geographic Characteristics: A Systematic Review and Meta-Regression Analysis. <i>Epidemiologic Reviews</i> , 2007, 29, 6-28. | 1.3 | 2,321 |
| 2 | Worldwide trends in childhood overweight and obesity. <i>Pediatric Obesity</i> , 2006, 1, 11-25. | 3.2 | 2,159 |
| 3 | Will All Americans Become Overweight or Obese? Estimating the Progression and Cost of the US Obesity Epidemic. <i>Obesity</i> , 2008, 16, 2323-2330. | 1.5 | 1,174 |
| 4 | The global childhood obesity epidemic and the association between socio-economic status and childhood obesity. <i>International Review of Psychiatry</i> , 2012, 24, 176-188. | 1.4 | 549 |
| 5 | Are American children and adolescents of low socioeconomic status at increased risk of obesity? Changes in the association between overweight and family income between 1971 and 2002. <i>American Journal of Clinical Nutrition</i> , 2006, 84, 707-716. | 2.2 | 376 |
| 6 | A Systematic Review of Application and Effectiveness of mHealth Interventions for Obesity and Diabetes Treatment and Self-Management. <i>Advances in Nutrition</i> , 2017, 8, 449-462. | 2.9 | 232 |
| 7 | Effectiveness of Mobile Health Interventions on Diabetes and Obesity Treatment and Management: Systematic Review of Systematic Reviews. <i>JMIR MHealth and UHealth</i> , 2020, 8, e15400. | 1.8 | 136 |
| 8 | Double burden of diseases worldwide: coexistence of undernutrition and overnutritionâ€related nonâ€communicable chronic diseases. <i>Obesity Reviews</i> , 2018, 19, 49-61. | 3.1 | 122 |
| 9 | Measured body mass index, body weight perception, dissatisfaction and control practices in urban, low-income African American adolescents. <i>BMC Public Health</i> , 2009, 9, 183. | 1.2 | 120 |
| 10 | How Much of Racial/Ethnic Disparities in Dietary Intakes, Exercise, and Weight Status Can Be Explained by Nutrition- and Health-Related Psychosocial Factors and Socioeconomic Status among US Adults?. <i>Journal of the American Dietetic Association</i> , 2011, 111, 1904-1911. | 1.3 | 113 |
| 11 | Disparities in Pediatric Obesity in the United States. <i>Advances in Nutrition</i> , 2011, 2, 23-31. | 2.9 | 110 |
| 12 | Worldwide Trends in Dairy Production and Consumption and Calcium Intake: Is Promoting Consumption of Dairy Products a Sustainable Solution for Inadequate Calcium Intake?. <i>Food and Nutrition Bulletin</i> , 2008, 29, 172-185. | 0.5 | 79 |
| 13 | Obesity and related risk factors among low socio-economic status minority students in Chicago. <i>Public Health Nutrition</i> , 2007, 10, 927-938. | 1.1 | 73 |
| 14 | Breastfeeding Reduces Childhood Obesity Risks. <i>Childhood Obesity</i> , 2017, 13, 197-204. | 0.8 | 71 |
| 15 | Ethnic disparities in adolescent body mass index in the United States: The role ofâ€parental socioeconomic status and economic contextual factors. <i>Social Science and Medicine</i> , 2012, 75, 469-476. | 1.8 | 65 |
| 16 | Trends and correlates in meat consumption patterns in the US adult population. <i>Public Health Nutrition</i> , 2010, 13, 1333-1345. | 1.1 | 60 |
| 17 | Association of neighborhood built environments with childhood obesity: Evidence from a 9-year longitudinal, nationally representative survey in the US. <i>Environment International</i> , 2019, 128, 158-164. | 4.8 | 56 |
| 18 | Dietary Intake Patterns of Low-Income Urban African-American Adolescents. <i>Journal of the American Dietetic Association</i> , 2010, 110, 1340-1345. | 1.3 | 49 |

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|----|---|-----|-----------|
| 19 | Epidemic of Childhood Obesity: Implications for Kidney Disease. <i>Advances in Chronic Kidney Disease</i> , 2006, 13, 336-351. | 0.6 | 48 |
| 20 | Reconciling Statistical and Systems Science Approaches to Public Health. <i>Health Education and Behavior</i> , 2013, 40, 123S-131S. | 1.3 | 46 |
| 21 | Use of various obesity measurement and classification methods in occupational safety and health research: a systematic review of the literature. <i>BMC Obesity</i> , 2018, 5, 28. | 3.1 | 46 |
| 22 | Sociodemographic Disparities in the Composition of Metabolic Syndrome Components Among Adults in South Korea. <i>Diabetes Care</i> , 2012, 35, 2028-2035. | 4.3 | 45 |
| 23 | Ethnic Differences in Risk Factors for Obesity among Adults in California, the United States. <i>Journal of Obesity</i> , 2017, 2017, 1-10. | 1.1 | 42 |
| 24 | Changes in the Neighborhood Food Store Environment and Children's Body Mass Index at Peripuberty in the United States. <i>Journal of Adolescent Health</i> , 2016, 58, 111-118. | 1.2 | 41 |
| 25 | Concurrent validity of skin carotenoid status as a concentration biomarker of vegetable and fruit intake compared to multiple 24-h recalls and plasma carotenoid concentrations across one year: a cohort study. <i>Nutrition Journal</i> , 2019, 18, 78. | 1.5 | 41 |
| 26 | Applications of systems modelling in obesity research. <i>Obesity Reviews</i> , 2018, 19, 1293-1308. | 3.1 | 33 |
| 27 | MicroRNA-150 protects against cigarette smoke-induced lung inflammation and airway epithelial cell apoptosis through repressing p53: MicroRNA-150 in CS-induced lung inflammation. <i>Human and Experimental Toxicology</i> , 2018, 37, 920-928. | 1.1 | 32 |
| 28 | Association between household poverty dynamics and childhood overweight risk and health behaviours in the United States: a 8-year nationally representative longitudinal study of 16,800 children. <i>Pediatric Obesity</i> , 2018, 13, 590-597. | 1.4 | 30 |
| 29 | Are single children more likely to be overweight or obese than those with siblings? The influence of China's one-child policy on childhood obesity. <i>Preventive Medicine</i> , 2017, 103, 8-13. | 1.6 | 29 |
| 30 | Nutrition transition and double burden of malnutrition in Africa: A case study of four selected countries with different social economic development. <i>AIMS Public Health</i> , 2020, 7, 425-439. | 1.1 | 28 |
| 31 | Connecting micro dynamics and population distributions in system dynamics models. <i>System Dynamics Review</i> , 2013, 29, 197-215. | 1.1 | 25 |
| 32 | Relationship between frequency of eating and cardiovascular disease mortality in U.S. adults: the NHANES III follow-up study. <i>Annals of Epidemiology</i> , 2016, 26, 527-533. | 0.9 | 25 |
| 33 | Examining social norm impacts on obesity and eating behaviors among US school children based on agent-based model. <i>BMC Public Health</i> , 2014, 14, 923. | 1.2 | 23 |
| 34 | Association between obesity and metabolic co-morbidities among children and adolescents in South Korea based on national data. <i>BMC Public Health</i> , 2014, 14, 279. | 1.2 | 22 |
| 35 | Between-Group Differences in Nutrition- and Health-Related Psychosocial Factors among US Adults and Their Associations with Diet, Exercise, and Weight Status. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2012, 112, 486-498.e3. | 0.4 | 21 |
| 36 | Obesity trend in the United States and economic intervention options to change it: A simulation study linking ecological epidemiology and system dynamics modeling. <i>Public Health</i> , 2018, 161, 20-28. | 1.4 | 21 |

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|----|---|-----|-----------|
| 37 | Systems simulation model for assessing the sustainability and synergistic impacts of sugar-sweetened beverages tax and revenue recycling on childhood obesity prevention. <i>Journal of the Operational Research Society</i> , 2016, 67, 708-721. | 2.1 | 20 |
| 38 | Controversies Regarding Reported Trends: Has the Obesity Epidemic Leveled Off in the United States?. <i>Advances in Nutrition</i> , 2012, 3, 751-752. | 2.9 | 19 |
| 39 | The changing food outlet distributions and local contextual factors in the United States. <i>BMC Public Health</i> , 2014, 14, 42. | 1.2 | 19 |
| 40 | Increased obesity risks for being an only child in China: findings from a nationally representative study of 19,487 children. <i>Public Health</i> , 2017, 153, 44-51. | 1.4 | 19 |
| 41 | Investigating the Diffusion of Agent-based Modelling and System Dynamics Modelling in Population Health and Healthcare Research. <i>Systems Research and Behavioral Science</i> , 2018, 35, 203-215. | 0.9 | 19 |
| 42 | A multicomponent behavioral intervention for smoking cessation during pregnancy: a nonconcurrent multiple-baseline design. <i>Translational Behavioral Medicine</i> , 2019, 9, 308-318. | 1.2 | 18 |
| 43 | Socioeconomic and Demographic Factors for Spousal Resemblance in Obesity Status and Habitual Physical Activity in the United States. <i>Journal of Obesity</i> , 2014, 2014, 1-11. | 1.1 | 16 |
| 44 | Obesity, body image, and its impact on children's eating and exercise behaviors in China: A nationwide longitudinal study. <i>Preventive Medicine</i> , 2018, 106, 101-106. | 1.6 | 16 |
| 45 | Snacking frequency and dietary intake in toddlers and preschool children. <i>Appetite</i> , 2019, 142, 104369. | 1.8 | 16 |
| 46 | Association between dietary fat intake and insulin resistance in Chinese child twins. <i>British Journal of Nutrition</i> , 2017, 117, 230-236. | 1.2 | 15 |
| 47 | Joint Associations of Physical Activity and Hypertension with the Development of Type 2 Diabetes among Urban Men and Women in Mainland China. <i>PLoS ONE</i> , 2014, 9, e88719. | 1.1 | 14 |
| 48 | Does child-parent resemblance in body weight status vary by sociodemographic factors in the USA?. <i>Journal of Epidemiology and Community Health</i> , 2014, 68, 1034-1042. | 2.0 | 14 |
| 49 | Applications of Systems Science in Biomedical Research Regarding Obesity and Noncommunicable Chronic Diseases: Opportunities, Promise, and Challenges. <i>Advances in Nutrition</i> , 2015, 6, 88-95. | 2.9 | 14 |
| 50 | Assessing the role of access and price on the consumption of fruits and vegetables across New York City using agent-based modeling. <i>Preventive Medicine</i> , 2018, 106, 73-78. | 1.6 | 14 |
| 51 | Prices of Unhealthy Foods, Food Stamp Program Participation, and Body Weight Status Among U.S. Low-Income Women. <i>Journal of Family and Economic Issues</i> , 2011, 32, 245-256. | 1.3 | 13 |
| 52 | Is the decline of active travel to school unavoidable by-products of economic growth and urbanization in developing countries?. <i>Sustainable Cities and Society</i> , 2019, 47, 101446. | 5.1 | 13 |
| 53 | Road network intersection density and childhood obesity risk in the US: a national longitudinal study. <i>Public Health</i> , 2020, 178, 31-37. | 1.4 | 13 |
| 54 | Neighborhood sidewalk access and childhood obesity. <i>Obesity Reviews</i> , 2021, 22, e13057. | 3.1 | 13 |

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|----|--|-----|-----------|
| 55 | Healthfulness Assessment of Recipes Shared on Pinterest: Natural Language Processing and Content Analysis. <i>Journal of Medical Internet Research</i> , 2021, 23, e25757. | 2.1 | 13 |
| 56 | Applications of Complex Systems Science in Obesity and Noncommunicable Chronic Disease Research. <i>Advances in Nutrition</i> , 2014, 5, 574-577. | 2.9 | 12 |
| 57 | Reproducibility and validity of dietary patterns identified using factor analysis among Chinese populations. <i>British Journal of Nutrition</i> , 2016, 116, 842-852. | 1.2 | 12 |
| 58 | Temporal growth and spatial distribution of the fast food industry and its relationship with economic development in China 2005-2012. <i>Preventive Medicine</i> , 2017, 102, 79-85. | 1.6 | 12 |
| 59 | School beverage environment and children's energy expenditure associated with physical education class: an agent-based model simulation. <i>Pediatric Obesity</i> , 2017, 12, 203-212. | 1.4 | 11 |
| 60 | Opportunities and challenges of using big data for global health. <i>Science Bulletin</i> , 2019, 64, 1652-1654. | 4.3 | 11 |
| 61 | Reducing fetal origins of childhood obesity through maternal smoking cessation during pregnancy: an intervention study. <i>International Journal of Obesity</i> , 2019, 43, 1435-1439. | 1.6 | 11 |
| 62 | Double Burden of Malnutrition and Nutrition Transition in Asia: A Case Study of 4 Selected Countries with Different Socioeconomic Development. <i>Advances in Nutrition</i> , 2020, 11, 1663-1670. | 2.9 | 11 |
| 63 | Fruit and Vegetable Purchases and Consumption among WIC Participants after the 2009 WIC Food Package Revision: A Systematic Review. <i>Advances in Nutrition</i> , 2020, 11, 1646-1662. | 2.9 | 11 |
| 64 | Revisiting the relationship between WIC participation and breastfeeding among low-income children in the U.S. after the 2009 WIC food package revision. <i>Food Policy</i> , 2021, 101, 102089. | 2.8 | 11 |
| 65 | Changes in patterns of the double burden of undernutrition and overnutrition in Nepal over time. <i>Obesity Reviews</i> , 2019, 20, 1321-1334. | 3.1 | 10 |
| 66 | Healthier Food and Beverage Interventions in Schools: Four Community Guide Systematic Reviews. <i>American Journal of Preventive Medicine</i> , 2020, 59, e15-e26. | 1.6 | 10 |
| 67 | Patient-health care professional gender or race/ethnicity concordance and its association with weight-related advice in the United States. <i>Patient Education and Counseling</i> , 2016, 99, 271-278. | 1.0 | 7 |
| 68 | Parenting practices and overweight status of junior high school students in China: A nationally representative study of 19,487 students from 112 schools. <i>Preventive Medicine</i> , 2018, 107, 1-7. | 1.6 | 7 |
| 69 | Angiotensin II enhances β^2 -adrenergic receptor-mediated vasorelaxation in aortas from young but not old rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 279, H2807-H2814. | 1.5 | 6 |
| 70 | High prevalence of tobacco use and exposure to secondhand tobacco smoke among adolescents in low- and middle-income countries. <i>Annals of Translational Medicine</i> , 2017, 5, S4-S4. | 0.7 | 6 |
| 71 | National childhood obesity-related intervention systems and intervention programs in China in 1949 to 2020: A narrative review. <i>Obesity</i> , 2022, 30, 320-337. | 1.5 | 6 |
| 72 | NASA Mission X Program for Healthy Eating and Active Living among Taiwanese Elementary School Students. <i>Journal of Pediatric Nursing</i> , 2019, 49, e8-e14. | 0.7 | 5 |

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|----|---|-----|-----------|
| 73 | Socioeconomic disparities in obesity among children and future actions to fight obesity in China. <i>Annals of Translational Medicine</i> , 2019, 7, S377-S377. | 0.7 | 4 |
| 74 | <p>Multi-morbidities are Not a Driving Factor for an Increase of COPD-Related 30-Day Readmission Risk</p>. <i>International Journal of COPD</i> , 2020, Volume 15, 143-154. | 0.9 | 2 |
| 75 | Tracking of blood pressure from childhood to adulthood: A systematic review and meta-analysis. <i>FASEB Journal</i> , 2007, 21, A1363. | 0.2 | 2 |
| 76 | Demographic and socioeconomic correlates of body fat assessed using DXA in US children and adolescents. <i>FASEB Journal</i> , 2011, 25, 974.14. | 0.2 | 1 |
| 77 | How do socio-economic status (SES), perceived economic barriers and nutritional benefits affect quality of dietary intake among US adults?. <i>FASEB Journal</i> , 2007, 21, A1063. | 0.2 | 1 |
| 78 | The Impact of Blood Pressure on the Risk for Cardiovascular Diseases: What Should Be Done Now?. <i>American Journal of Hypertension</i> , 2008, 21, 247-247. | 1.0 | 0 |
| 79 | Nutrition Transition & Double Burden of Malnutrition in Africa: A Case Study of Four Selected Countries with Different Income Levels (P10-074-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz034.P10-074-19. | 0.1 | 0 |
| 80 | Differential Effects of Weight Status on the Relations Between Diet Quality, Socioemotional Development, and Academic Performance in U.S. Schoolchildren (P14-008-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz052.P14-008-19. | 0.1 | 0 |
| 81 | Dynamic patterns of dietary intake and its association with dynamics of body mass index in urban low-income African American adolescents:The HEALTH&KIDS Study. <i>FASEB Journal</i> , 2007, 21, A7. | 0.2 | 0 |
| 82 | Influence of Obesity on Risk and Outcomes of Kidney Disease:A Systematic Review and Meta-analysis. <i>FASEB Journal</i> , 2007, 21, A112. | 0.2 | 0 |
| 83 | Worldwide Trends in Dairy Production and Consumption and Sustainable Solution for the Worldwide Calcium Intake Inadequacy Problem?. <i>FASEB Journal</i> , 2007, 21, A173. | 0.2 | 0 |
| 84 | Dairy and related nutrient consumption among US adults and their association with obesity, central obesity and the metabolic syndrome. <i>FASEB Journal</i> , 2008, 22, 316.6. | 0.2 | 0 |
| 85 | Has the obesity epidemic leveled off in US children? What do recent data tell us?. <i>FASEB Journal</i> , 2010, 24, 95.6. | 0.2 | 0 |
| 86 | Do children and their parents eat a similar diet? Association between child and parental dietary intakes. <i>FASEB Journal</i> , 2010, 24, 561.6. | 0.2 | 0 |
| 87 | Child&parent resemblance in weight status in the U.S.. <i>FASEB Journal</i> , 2010, 24, 95.8. | 0.2 | 0 |
| 88 | Had Americans diagnosed with diet-related chronic diseases improved their diet, and what psychosocial factors might affect the association?. <i>FASEB Journal</i> , 2011, 25, 227.1. | 0.2 | 0 |
| 89 | Serum antioxidant status and its association with metabolic syndrome among US adults: Findings from recent national data. <i>FASEB Journal</i> , 2011, 25, 975.3. | 0.2 | 0 |
| 90 | Metabolic syndrome and its components impairs health-related quality of life among US children and adults similarly regardless of sociodemographic characteristics. <i>FASEB Journal</i> , 2011, 25, 982.19. | 0.2 | 0 |

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|-----|---|-----|-----------|
| 91 | Impacts of rapid postnatal growth on risk of overweight during early childhood vary by sex and age: A large cohort study of 138,616 Children in China. FASEB Journal, 2011, 25, 215.4. | 0.2 | 0 |
| 92 | Racial/socioeconomic disparities in dynamics of local food outlets and fitness facilities in the U.S.. FASEB Journal, 2011, 25, 98.3. | 0.2 | 0 |
| 93 | Systems Analysis of the Complex Obesity Etiology and Trends. FASEB Journal, 2011, 25, 212.8. | 0.2 | 0 |
| 94 | System Dynamics Model Simulated Consumer and Supplier Responses to Sugar/Sweetened Beverage Taxes. FASEB Journal, 2012, 26, . | 0.2 | 0 |
| 95 | Body Weight Misperception Patterns and Their Association with Health Related Behaviors among Adolescents in South Korea. FASEB Journal, 2012, 26, 811.13. | 0.2 | 0 |
| 96 | Different analysis methods reveal different effect of national school lunch program on childhood obesity in the US. FASEB Journal, 2012, 26, 240.3. | 0.2 | 0 |
| 97 | Trends in fast foods and sugar/sweetened beverages consumption in South Korea. FASEB Journal, 2013, 27, 848.3. | 0.2 | 0 |
| 98 | Interdependency between physical education and food environment in school on students' energy balance: an agent-based model. FASEB Journal, 2013, 27, 843.3. | 0.2 | 0 |
| 99 | System Science Models and National Data Projected Future Trends and Racial/Ethnic Disparities in Childhood Obesity in the US. FASEB Journal, 2013, 27, 354.8. | 0.2 | 0 |
| 100 | Positive effect of white button mushrooms when substituted for meat on body weight and composition changes during weight loss and weight maintenance – A one-year randomized clinical trial.. FASEB Journal, 2013, 27, 852.4. | 0.2 | 0 |
| 101 | The myth of energy balance: Is food really making children fat?. FASEB Journal, 2013, 27, 622.23. | 0.2 | 0 |