

Liqiang Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

1,735
citations

279701

23
h-index

315616

38
g-index

85
all docs

85
docs citations

85
times ranked

2481
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Pulse Pressure and Mean Arterial Pressure in Relation to Ischemic Stroke Among Patients With Uncontrolled Hypertension in Rural Areas of China. <i>Stroke</i> , 2008, 39, 1932-1937. | 1.0 | 123 |
| 2 | Alkaline Double-Network Hydrogels with High Conductivities, Superior Mechanical Performances, and Antifreezing Properties for Solid-State Zinc-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 11778-11788. | 4.0 | 116 |
| 3 | Association Between Pre-hypertension and Cardiovascular Outcomes: A Systematic Review and Meta-analysis of Prospective Studies. <i>Current Hypertension Reports</i> , 2013, 15, 703-716. | 1.5 | 107 |
| 4 | Poly(ionic liquid) hydrogels exhibiting superior mechanical and electrochemical properties as flexible electrolytes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 1112-1118. | 5.2 | 72 |
| 5 | An update on the prevalence of metabolic syndrome and its associated factors in rural northeast China. <i>BMC Public Health</i> , 2014, 14, 877. | 1.2 | 69 |
| 6 | Alcohol consumption and cardiovascular diseases in rural China. <i>International Journal of Cardiology</i> , 2016, 215, 257-262. | 0.8 | 68 |
| 7 | The prevalence of prehypertension and hypertension among rural adults in liaoning province of China. <i>Clinical Cardiology</i> , 2007, 30, 183-187. | 0.7 | 61 |
| 8 | Lithium-Containing Zwitterionic Poly(Ionic Liquid)s as Polymer Electrolytes for Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2017, 121, 17756-17763. | 1.5 | 58 |
| 9 | Grim status of hypertension in rural China: results from Northeast China Rural Cardiovascular Health Study 2013. <i>Journal of the American Society of Hypertension</i> , 2015, 9, 358-364. | 2.3 | 52 |
| 10 | Prevalence and Associated Factors of Overweight and Obesity in a Chinese Rural Population. <i>Obesity</i> , 2008, 16, 168-171. | 1.5 | 44 |
| 11 | Predictors of progression from prehypertension to hypertension among rural Chinese adults: results from Liaoning Province. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2010, 17, 217-222. | 3.1 | 43 |
| 12 | The high yield synthesis and characterization of gold nanoparticles with superior stability and their catalytic activity. <i>CrystEngComm</i> , 2012, 14, 7600. | 1.3 | 43 |
| 13 | An update on overweight and obesity in rural Northeast China: from lifestyle risk factors to cardiometabolic comorbidities. <i>BMC Public Health</i> , 2014, 14, 1046. | 1.2 | 42 |
| 14 | Photoresponsive Self-Assembly of Surface Active Ionic Liquid. <i>Langmuir</i> , 2016, 32, 8163-8170. | 1.6 | 41 |
| 15 | Predictive Value for the Rural Chinese Population of the Framingham Hypertension Risk Model: Results From Liaoning Province. <i>American Journal of Hypertension</i> , 2014, 27, 409-414. | 1.0 | 39 |
| 16 | Prehypertension Is Not Associated with All-Cause Mortality: A Systematic Review and Meta-Analysis of Prospective Studies. <i>PLoS ONE</i> , 2013, 8, e61796. | 1.1 | 37 |
| 17 | Low-Molecular-Weight Supramolecular Ionogel Based on Host-Guest Interaction. <i>Langmuir</i> , 2017, 33, 13982-13989. | 1.6 | 36 |
| 18 | Serum gut microbe-dependent trimethylamine N-oxide improves the prediction of future cardiovascular disease in a community-based general population. <i>Atherosclerosis</i> , 2019, 280, 126-131. | 0.4 | 34 |

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|----|---|-----|-----------|
| 19 | Associations between metabolic risk factors and body mass index, waist circumference, waist-to-height ratio and waist-to-hip ratio in a Chinese rural population. <i>Journal of Diabetes Investigation</i> , 2016, 7, 601-606. | 1.1 | 31 |
| 20 | Co-assembly of Polyoxometalates and Zwitterionic Amphiphiles into Supramolecular Hydrogels: From Crystalline Fibrillar to Amorphous Micellar Networks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4025-4029. | 7.2 | 30 |
| 21 | Temporal relationship between body mass index and triglyceride-glucose index and its impact on the incident of hypertension. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 1220-1229. | 1.1 | 29 |
| 22 | Sex difference in the incidence of stroke and its corresponding influence factors: results from a follow-up 8.4 years of rural China hypertensive prospective cohort study. <i>Lipids in Health and Disease</i> , 2019, 18, 72. | 1.2 | 28 |
| 23 | The effects of transitions in metabolic health and obesity status on incident cardiovascular disease: Insights from a general Chinese population. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1250-1258. | 0.8 | 25 |
| 24 | Prevalence of Hypertension and Associated Factors among Older Rural Adults: Results from Liaoning Province, China. <i>Medical Principles and Practice</i> , 2010, 19, 22-27. | 1.1 | 24 |
| 25 | Prehypertension in Rural Northeastern China: Results From the Northeast China Rural Cardiovascular Health Study. <i>Journal of Clinical Hypertension</i> , 2014, 16, 664-670. | 1.0 | 24 |
| 26 | Dually cross-linked single network poly(ionic liquid)/ionic liquid ionogels for a flexible strain-humidity bimodal sensor. <i>Soft Matter</i> , 2021, 17, 10918-10925. | 1.2 | 23 |
| 27 | Polyoxometalate-Based Photochromic Supramolecular Hydrogels with Highly Ordered Spherical and Cylindrical Micellar Nanostructures. <i>Chemistry - A European Journal</i> , 2019, 25, 6203-6211. | 1.7 | 22 |
| 28 | Anion exchange membranes with well-defined ion transporting nanochannels via self-assembly of polymerizable ionic liquids. <i>Journal of Materials Chemistry A</i> , 2016, 4, 13316-13323. | 5.2 | 21 |
| 29 | Non-traditional lipid profiles associated with ischemic stroke not hemorrhagic stroke in hypertensive patients: results from an 8.4 years follow-up study. <i>Lipids in Health and Disease</i> , 2019, 18, 9. | 1.2 | 19 |
| 30 | Temperature-responsive proton-conductive liquid crystals formed by the self-assembly of zwitterionic ionic liquids. <i>RSC Advances</i> , 2015, 5, 63732-63737. | 1.7 | 18 |
| 31 | Prevalence of dyslipidemia and associated factors among the hypertensive population from rural Northeast China. <i>BMC Public Health</i> , 2015, 15, 1152. | 1.2 | 16 |
| 32 | Relationship of Blood Pressure With Mortality and Cardiovascular Events Among Hypertensive Patients aged ≥ 60 years in Rural Areas of China. <i>Medicine (United States)</i> , 2015, 94, e1551. | 0.4 | 16 |
| 33 | The association between glomerular filtration rate and stroke in hypertensive patients in rural areas of China. <i>Journal of Hypertension</i> , 2012, 30, 901-907. | 0.3 | 15 |
| 34 | Hybrid Poly(ionic liquid) Membranes with in Situ Grown Layered Double Hydroxide and Preserved Liquid Crystal Morphology for Hydroxide Transport. <i>ACS Applied Nano Materials</i> , 2018, 1, 4537-4547. | 2.4 | 15 |
| 35 | An Epidemiological Survey of Stroke among Rural Chinese Adults Results from the Liaoning Province. <i>International Journal of Stroke</i> , 2013, 8, 701-706. | 2.9 | 14 |
| 36 | The facile construction of an anion exchange membrane with 3D interconnected ionic nano-channels. <i>Chemical Communications</i> , 2017, 53, 767-770. | 2.2 | 14 |

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|----|--|-----|-----------|
| 37 | Comparison of four nontraditional lipid profiles in relation to ischemic stroke among hypertensive Chinese population. <i>International Journal of Cardiology</i> , 2015, 201, 123-125. | 0.8 | 13 |
| 38 | Reversible helical chirality of perylene bisimide aggregates: amino acid-directed chiral transfer and chiral inversion. <i>Soft Matter</i> , 2017, 13, 3072-3075. | 1.2 | 13 |
| 39 | Double-network hydrogels with adjustable surface morphology and multifunctional integration for flexible strain sensors. <i>Soft Matter</i> , 2021, 17, 4352-4362. | 1.2 | 13 |
| 40 | Chirality transfer based on dynamic covalent chemistry: from small chiral molecules to supramolecules. <i>Chemical Communications</i> , 2019, 55, 9861-9864. | 2.2 | 12 |
| 41 | Co-assembly of Polyoxometalates and Zwitterionic Amphiphiles into Supramolecular Hydrogels: From Crystalline Fibrillar to Amorphous Micellar Networks. <i>Angewandte Chemie</i> , 2018, 130, 4089-4093. | 1.6 | 11 |
| 42 | Blood pressure predictors of stroke in rural Chinese dwellers with hypertension: a large-scale prospective cohort study. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 206. | 0.7 | 11 |
| 43 | The relationship between mean arterial pressure and decreased glomerular filtration rate in rural areas of Northeast China. <i>BMC Nephrology</i> , 2015, 16, 137. | 0.8 | 10 |
| 44 | Facile preparation of supramolecular ionogels exhibiting high temperature durability as solid electrolytes. <i>New Journal of Chemistry</i> , 2016, 40, 1169-1174. | 1.4 | 10 |
| 45 | The association of stage 1 hypertension defined by the 2017 ACC/AHA hypertension guideline and subsequent cardiovascular events among adults <50 years. <i>Journal of Human Hypertension</i> , 2020, 34, 233-240. | 1.0 | 10 |
| 46 | Interaction among Worm-like Micelles in Polyoxometalate-Based Supramolecular Hydrogel. <i>Langmuir</i> , 2019, 35, 6137-6144. | 1.6 | 8 |
| 47 | Short- and long-term systolic blood pressure changes have different impacts on major adverse cardiovascular events: Results from a 12.5-year follow-up study. <i>International Journal of Cardiology</i> , 2020, 306, 190-195. | 0.8 | 8 |
| 48 | Association of general and abdominal obesity and their changes with stroke in Chinese adults: Results from an 11.8-year follow-up study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 2001-2007. | 1.1 | 8 |
| 49 | Trajectories of body mass index and risk of incident hypertension among a normal body mass index population: A prospective cohort study. <i>Journal of Clinical Hypertension</i> , 2021, 23, 1212-1220. | 1.0 | 8 |
| 50 | Molecular Insight into Microstructural and Dynamical Heterogeneities in Magnesium Ionic Liquid Electrolytes. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 105-111. | 2.1 | 8 |
| 51 | Nanostructured proton-conducting membranes based on polymerizable zwitterionic ionic liquid microemulsions. <i>New Journal of Chemistry</i> , 2016, 40, 7580-7586. | 1.4 | 7 |
| 52 | Human Cytomegalovirus Increases the Risk of Future Hemorrhagic But Not Ischemic Stroke—A Nested Case-Control Study. <i>Circulation Journal</i> , 2016, 80, 2235-2239. | 0.7 | 7 |
| 53 | Sex-specific association between serum uric acid and prolonged corrected QT interval. <i>Medicine (United States)</i> , 2016, 95, e5568. | 0.4 | 7 |
| 54 | Elevation of Serum Spermidine in Obese Patients: Results from a Cross-Sectional and Follow-Up Study. <i>Nutrients</i> , 2022, 14, 2613. | 1.7 | 7 |

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|----|---|-----|-----------|
| 55 | Association between Obese Phenotype and Mildly Reduced eGFR among the General Population from Rural Northeast China. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 540. | 1.2 | 6 |
| 56 | Short-Term and Long-Term Blood Pressure Changes and the Risk of All-Cause and Cardiovascular Mortality. <i>BioMed Research International</i> , 2019, 2019, 1-15. | 0.9 | 6 |
| 57 | Elevated blood pressure level based on 2017 ACC/AHA guideline in relation to stroke risk in rural areas of Liaoning province. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 258. | 0.7 | 6 |
| 58 | Potential impacts of the 2017 American College of Cardiology/American Heart Association high blood pressure guideline on Chinese adults and how to address them. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 237. | 0.7 | 6 |
| 59 | Secular trends of hypertension prevalence based on 2017 ACC/AHA and 2018 Chinese hypertension guidelines: Results from CHNS data (1991â€2015). <i>Journal of Clinical Hypertension</i> , 2021, 23, 28-34. | 1.0 | 6 |
| 60 | Environment Adaptable Nanocomposite Organohydrogels for Multifunctional Epidermal Sensors. <i>Advanced Materials Interfaces</i> , 2022, 9, . | 1.9 | 6 |
| 61 | Formation of supermolecular chiral gels from L-aspartic acid-based perylenebisimides and benzene dicarboxylic acids. <i>New Journal of Chemistry</i> , 2017, 41, 7643-7649. | 1.4 | 5 |
| 62 | The associations between different sleep patterns and osteoporosis based on the Osteoporosis Self-Assessment Tool for Asians. <i>Archives of Osteoporosis</i> , 2020, 15, 164. | 1.0 | 5 |
| 63 | Prevalence of and risk factors for peripheral arterial disease among Chinese hypertensive patients with and without known cardiovascular disease. <i>Acta Cardiologica</i> , 2008, 63, 693-699. | 0.3 | 5 |
| 64 | Serum Spermidine in Relation to Risk of Stroke: A Multilevel Study. <i>Frontiers in Nutrition</i> , 2022, 9, 843616. | 1.6 | 5 |
| 65 | Association of isolated diastolic hypertension based on different guideline definitions with incident cardiovascular risk in a Chinese rural cohort. <i>Journal of Clinical Hypertension</i> , 2022, 24, 18-25. | 1.0 | 5 |
| 66 | Usefulness of metabolic score for insulin resistance index in estimating the risk of mildly reduced estimate glomerular filtration rate: a cross-sectional study of rural population in China. <i>BMJ Open</i> , 2021, 11, e050907. | 0.8 | 5 |
| 67 | Differential Control of Systolic and Diastolic Blood Pressure: Factors Associated With Lack of Blood Pressure Control in Rural Community of Liaoning Province, China. <i>Journal of Health Science</i> , 2007, 53, 209-214. | 0.9 | 4 |
| 68 | Wormlike micelle templated synthesis of mono- and bi-metallic nanochain networks with adjustable structure and constituents. <i>RSC Advances</i> , 2016, 6, 67495-67501. | 1.7 | 4 |
| 69 | Short-term blood pressure changes have a more strong impact on stroke and its subtypes than long-term blood pressure changes. <i>Clinical Cardiology</i> , 2019, 42, 925-933. | 0.7 | 4 |
| 70 | Stage 1 hypertension defined by the 2017 ACC/AHA guideline predicts future cardiovascular events in elderly Chinese individuals. <i>Journal of Clinical Hypertension</i> , 2019, 21, 1637-1644. | 1.0 | 4 |
| 71 | The Association of Stage 1 Hypertension Defined by the 2017 ACC/AHA Guideline with Stroke and Its Subtypes among Elderly Chinese. <i>BioMed Research International</i> , 2020, 2020, 1-8. | 0.9 | 2 |
| 72 | The Association of Stage 1 Hypertension, Defined by the 2017 ACC/AHA Guidelines, With Cardiovascular Events Among Rural Women in Liaoning Province, China. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 710500. | 1.1 | 2 |

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|----|---|-----|-----------|
| 73 | Performance of a novel ECG criterion for improving detection of left ventricular hypertrophy: a cross-sectional study in a general Chinese population. <i>BMJ Open</i> , 2021, 11, e051172. | 0.8 | 2 |
| 74 | Association between body mass index changes and short- and long-term outcomes of hypertension in a Chinese rural cohort study. <i>Journal of Human Hypertension</i> , 2020, 34, 593-601. | 1.0 | 1 |
| 75 | Financial incentives for hypertension control: rationale and study design. <i>Trials</i> , 2020, 21, 134. | 0.7 | 1 |
| 76 | Effects of long- and short-term body mass index changes on incident hypertension are different. <i>Nutrition</i> , 2020, 74, 110755. | 1.1 | 1 |
| 77 | Putting the glass down may keep the stroke away: Results from a prospective cohort study in rural China. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 1113-1120. | 1.1 | 1 |
| 78 | Blood Pressure Changes in a Chinese Population Have a Greater Impact on Short-Term Outcomes Rather Than Long-Term Outcomes of Major Adverse Cardiovascular Events. <i>Asia-Pacific Journal of Public Health</i> , 2021, 33, 39-45. | 0.4 | 1 |
| 79 | Associations between aortic regurgitation severity and risk of incident myocardial infarction and stroke among patients with degenerative aortic valve disease: insights from a large Chinese population-based cohort study. <i>BMJ Open</i> , 2021, 11, e046824. | 0.8 | 1 |
| 80 | Born in winter or spring more susceptible to all-cause and cardiovascular disease death in rural areas of China: results from a 11.9-year follow-up study. <i>Journal of Human Hypertension</i> , 2021, 35, 1170-1179. | 1.0 | 1 |
| 81 | Potential epidemiological impact of the 2017 American College of Cardiology/American Heart Association high blood pressure guideline on the Chinese population: a cross-sectional study in rural areas of Liaoning Province. <i>BMJ Open</i> , 2020, 10, e035900. | 0.8 | 0 |
| 82 | Performance of a novel ECG criterion for improving detection of left ventricular hypertrophy: a cross-sectional study in a general Chinese population. <i>BMJ Open</i> , 2021, 11, e051172. | 0.8 | 0 |
| 83 | Association between rs20456 and rs6930913 of Kinesin-Like Family 6 and Hypertension in a Chinese Cohort. <i>International Journal of Hypertension</i> , 2021, 2021, 1-7. | 0.5 | 0 |