

# Lei Si

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

1,892  
citations

279798

23  
h-index

302126

39  
g-index

101  
all docs

101  
docs citations

101  
times ranked

2435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Projection of osteoporosis-related fractures and costs in China: 2010–2050. Osteoporosis International, 2015, 26, 1929-1937.	3.1	296
2	A Systematic Review of Cost-of-Illness Studies of Multimorbidity. Applied Health Economics and Health Policy, 2018, 16, 15-29.	2.1	119
3	A Global Social Media Survey of Attitudes to Human Genome Editing. Cell Stem Cell, 2016, 18, 569-572.	11.1	79
4	A systematic review and meta-analysis of utility-based quality of life for osteoporosis-related conditions. Osteoporosis International, 2014, 25, 1987-97.	3.1	78
5	Recommendations for the conduct of economic evaluations in osteoporosis: outcomes of an experts' consensus meeting organized by the European Society for Clinical and Economic Aspects of Osteoporosis, Osteoarthritis and Musculoskeletal Diseases (ESCEO) and the US branch of the International Osteoporosis Foundation. Osteoporosis International, 2019, 30, 45-57.	3.1	67
6	Computer Modeling of Diabetes and Its Transparency: A Report on the Eighth Mount Hood Challenge. Value in Health, 2018, 21, 724-731.	0.3	63
7	An Updated Systematic Review of Cost-Effectiveness Analyses of Drugs for Osteoporosis. Pharmacoeconomics, 2021, 39, 181-209.	3.3	63
8	Social health insurance, healthcare utilization, and costs in middle-aged and elderly community-dwelling adults in China. International Journal for Equity in Health, 2018, 17, 17.	3.5	62
9	A systematic review of models used in cost-effectiveness analyses of preventing osteoporotic fractures. Osteoporosis International, 2014, 25, 51-60.	3.1	54
10	Bariatric surgery is a cost-saving treatment for obesity: A comprehensive meta-analysis and updated systematic review of health economic evaluations of bariatric surgery. Obesity Reviews, 2020, 21, e12932.	6.5	50
11	Interventions to improve adherence to anti-osteoporosis medications: an updated systematic review. Osteoporosis International, 2020, 31, 1645-1669.	3.1	49
12	Residual lifetime and 10 year absolute risks of osteoporotic fractures in Chinese men and women. Current Medical Research and Opinion, 2015, 31, 1149-1156.	1.9	44
13	Estimation of the cost-effective threshold of a quality-adjusted life year in China based on the value of statistical life. European Journal of Health Economics, 2022, 23, 607-615.	2.8	34
14	A Need for Better Understanding Is the Major Determinant for Public Perceptions of Human Gene Editing. Human Gene Therapy, 2019, 30, 36-43.	2.7	33
15	Cost-effectiveness of strain-targeted cardioprotection for prevention of chemotherapy-induced cardiotoxicity. International Journal of Cardiology, 2016, 212, 336-345.	1.7	32
16	Rapidly increasing prevalence of overweight and obesity in older Ghanaian adults from 2007-2015: Evidence from WHO-SAGE Waves 1 & 2. PLoS ONE, 2019, 14, e0215045.	2.5	32
17	Evaluating the Ability of Economic Models of Diabetes to Simulate New Cardiovascular Outcomes Trials: A Report on the Ninth Mount Hood Diabetes Challenge. Value in Health, 2020, 23, 1163-1170.	0.3	32
18	Cost Effectiveness of Sodium-Glucose Cotransporter-2 (SGLT2) Inhibitors, Glucagon-Like Peptide-1 (GLP-1) Receptor Agonists, and Dipeptidyl Peptidase-4 (DPP-4) Inhibitors: A Systematic Review. Pharmacoeconomics, 2019, 37, 777-818.	3.3	30

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19	Screening for osteoporosis in Chinese post-menopausal women: a health economic modelling study. Osteoporosis International, 2016, 27, 2259-2269.	3.1	29
20	Hospital length of stay variation and comorbidity of mental illness: a retrospective study of five common chronic medical conditions. BMC Health Services Research, 2018, 18, 498.	2.2	28
21	Acute Stress Disorder Among Frontline Health Professionals During the COVID-19 Outbreak: A Structural Equation Modeling Investigation. Psychosomatic Medicine, 2021, 83, 373-379.	2.0	26
22	Who Benefits from Government Healthcare Subsidies? An Assessment of the Equity of Healthcare Benefits Distribution in China. PLoS ONE, 2015, 10, e0119840.	2.5	25
23	Forgone care among middle aged and elderly with chronic diseases in China: evidence from the China Health and Retirement Longitudinal Study Baseline Survey. BMJ Open, 2018, 8, e019901.	1.9	24
24	Who Pays for Health Care in China? The Case of Heilongjiang Province. PLoS ONE, 2014, 9, e108867.	2.5	24
25	A Meta-Analysis of the Relative Risk of Mortality for Type 1 Diabetes Patients Compared to the General Population: Exploring Temporal Changes in Relative Mortality. PLoS ONE, 2014, 9, e113635.	2.5	24
26	Who benefited from the New Rural Cooperative Medical System in China? A case study on Anhui Province. BMC Health Services Research, 2016, 16, 195.	2.2	23
27	Assessing equity in benefit distribution of government health subsidy in 2012 across East China: benefit incidence analysis. International Journal for Equity in Health, 2016, 15, 15.	3.5	21
28	Has equity in government subsidy on healthcare improved in China? Evidence from the China's National Health Services Survey. International Journal for Equity in Health, 2017, 16, 6.	3.5	20
29	Using strategic price negotiations to contain costs and expand access to medicines in China. BMJ Global Health, 2020, 5, e002256.	4.7	20
30	Screening for and treatment of osteoporosis: construction and validation of a state-transition microsimulation cost-effectiveness model. Osteoporosis International, 2015, 26, 1477-1489.	3.1	19
31	The evolution of social health insurance in Vietnam and its role towards achieving universal health coverage. Health Policy OPEN, 2020, 1, 100011.	1.5	18
32	Australian insurance costs of jockeys injured in a race-day fall. Occupational Medicine, 2016, 66, 222-229.	1.4	17
33	Cost-Effectiveness of Different Population Screening Strategies for Hereditary Haemochromatosis in Australia. Applied Health Economics and Health Policy, 2017, 15, 521-534.	2.1	16
34	Annual transition probabilities of overweight and obesity in older adults: Evidence from World Health Organization Study on global AGEing and adult health. Social Science and Medicine, 2020, 247, 112821.	3.8	16
35	Multimorbidity and catastrophic health expenditure among patients with diabetes in China: a nationwide population-based study. BMJ Global Health, 2022, 7, e007714.	4.7	16
36	A new model of care and in-house general practitioners for residential aged care facilities: a stepped wedge, cluster randomised trial. Medical Journal of Australia, 2020, 212, 409-415.	1.7	15

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37	How Consistent is the Relationship between Improved Glucose Control and Modelled Health Outcomes for People with Type 2 Diabetes Mellitus?Âa Systematic Review. <i>Pharmacoeconomics</i> , 2017, 35, 319-329.	3.3	13
38	The role of intergenerational educational mobility and household wealth in adult obesity: Evidence from Wave 2 of the World Health Organizationâ€™s Study on global AGEing and adult health. <i>PLoS ONE</i> , 2019, 14, e0208491.	2.5	13
39	Ten years of progress towards universal health coverage: has China achieved equitable healthcare financing?. <i>BMJ Global Health</i> , 2020, 5, e003570.	4.7	13
40	Cost-Effectiveness of a Household Salt Substitution Intervention: Findings From 20 995 Participants of the Salt Substitute and Stroke Study. <i>Circulation</i> , 2022, 145, 1534-1541.	1.6	13
41	Establishing benchmark EQ-5D-3L population health state utilities and identifying their correlates in Gansu Province, China. <i>Quality of Life Research</i> , 2017, 26, 3049-3058.	3.1	11
42	Cost-effectiveness of a multidisciplinary co-management program for the older hip fracture patients in Beijing. <i>Osteoporosis International</i> , 2020, 31, 1545-1553.	3.1	11
43	Workplace Injuries in Thoroughbred Racing: An Analysis of Insurance Payments and Injuries amongst Jockeys in Australia from 2002 to 2010. <i>Animals</i> , 2015, 5, 897-909.	2.3	10
44	Health service utilization and direct healthcare costs associated with obesity in older adult population in Ghana. <i>Health Policy and Planning</i> , 2020, 35, 199-209.	2.7	10
45	Health state utilities for economic evaluation of bariatric surgery: A comprehensive systematic review and metaâ€analysis. <i>Obesity Reviews</i> , 2020, 21, e13028.	6.5	10
46	Who is the main caregiver of the mother during the doing-the-month: is there an association with postpartum depression?. <i>BMC Psychiatry</i> , 2021, 21, 270.	2.6	10
47	Accident rates amongst regular bicycle riders in Tasmania, Australia. <i>Accident Analysis and Prevention</i> , 2014, 72, 376-381.	5.7	9
48	A Systematic Review and Narrative Synthesis of Health Economic Studies Conducted for Hereditary Haemochromatosis. <i>Applied Health Economics and Health Policy</i> , 2015, 13, 469-483.	2.1	9
49	Improving equity in health care financing in China during the progression towards Universal Health Coverage. <i>BMC Health Services Research</i> , 2017, 17, 852.	2.2	9
50	Population norms for quality adjusted life years for the United States of America, China, the United Kingdom and Australia. <i>Health Economics (United Kingdom)</i> , 2021, 30, 1950-1977.	1.7	8
51	Incidence and mortality of oral and oropharyngeal cancer in China, 2015. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association</i> , Beijing Institute for Cancer Research, 2020, 32, 1-9.	2.2	8
52	Challenges to the Chinese Health Insurance System. <i>Chinese Medical Journal</i> , 2015, 128, 571-573.	2.3	7
53	Cost-effectiveness of raloxifene in the treatment of osteoporosis in Chinese postmenopausal women: impact of medication persistence and adherence. <i>Patient Preference and Adherence</i> , 2016, 10, 415.	1.8	7
54	INTensive ambulance-delivered blood pressure Reduction in hyper-ACute stroke Trial (INTERACT4): study protocol for a randomized controlled trial. <i>Trials</i> , 2021, 22, 885.	1.6	7

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55	Sub-nanosecond periodically poled lithium niobate optical parametric generator and amplifier pumped by an actively Q-switched diode-pumped Nd:YAG microlaser. <i>Laser Physics</i> , 2017, 27, 055403.	1.2	6
56	Population Screening for Hereditary Haemochromatosis in Australia: Construction and Validation of a State-Transition Cost-Effectiveness Model. <i>PharmacoEconomics - Open</i> , 2017, 1, 37-51.	1.8	6
57	Evaluation of the Association Between Health State Utilities and Obesity in Sub-Saharan Africa: Evidence From World Health Organization Study on Global AGEing and Adult Health Wave 2. <i>Value in Health</i> , 2019, 22, 1042-1049.	0.3	6
58	Impact of overweight and obesity on life expectancy, quality-adjusted life years and lifetime costs in the adult population of Ghana. <i>BMJ Global Health</i> , 2020, 5, e003332.	4.7	6
59	Health Economic Evaluation Alongside Stepped Wedge Trials: A Methodological Systematic Review. <i>Pharmacoeconomics</i> , 2021, 39, 63-80.	3.3	6
60	Measuring Hypertension Progression With Transition Probabilities: Estimates From the WHO SAGE Longitudinal Study. <i>Frontiers in Public Health</i> , 2021, 9, 571110.	2.7	5
61	Cost-effectiveness of the Da Qing diabetes prevention program: A modelling study. <i>PLoS ONE</i> , 2020, 15, e0242962.	2.5	5
62	Exploring Structural Uncertainty and Impact of Health State Utility Values on Lifetime Outcomes in Diabetes Economic Simulation Models: Findings from the Ninth Mount Hood Diabetes Quality-of-Life Challenge. <i>Medical Decision Making</i> , 2022, 42, 599-611.	2.4	5
63	Standard deviation index for stimulated Brillouin scattering suppression with different homogeneities. <i>Applied Optics</i> , 2016, 55, 3809.	2.1	4
64	Is outpatient care benefit distribution of government healthcare subsidies equitable in rural ethnic minority areas of China? Results from cross-sectional studies in 2010 and 2013. <i>BMJ Open</i> , 2018, 8, e019564.	1.9	4
65	Chinese patients' preference for pharmaceutical treatments of osteoporosis: a discrete choice experiment. <i>Archives of Osteoporosis</i> , 2019, 14, 85.	2.4	4
66	Do Integrated Health Care Interventions Improve Well-Being Among Older Adults with Hypertension? Evidence from Rural China. <i>Social Indicators Research</i> , 2020, , 1.	2.7	4
67	Sociodemographic and health system factors associated with variations in hospitalization costs for fractures in adults aged 45 years and over: a cross-sectional study of provincial health accounts in Jiangsu Province, China. <i>Archives of Osteoporosis</i> , 2021, 16, 147.	2.4	4
68	Theoretical study of the effect of pump wavelength drift on mode instability in a high-power fiber amplifier. <i>Laser Physics</i> , 2018, 28, 045101.	1.2	3
69	The Associations of Multimorbidity With Health-Related Productivity Loss in a Large and Diverse Public Sector Setting. <i>Journal of Occupational and Environmental Medicine</i> , 2018, 60, 528-535.	1.7	3
70	Investigating the costs of major and minor cycling crashes in Tasmania, Australia. <i>Australian and New Zealand Journal of Public Health</i> , 2015, 39, 485-490.	1.8	2
71	Microsimulation model for the health economic evaluation of osteoporosis interventions: study protocol. <i>BMJ Open</i> , 2019, 9, e028365.	1.9	2
72	Resource utilization and disaggregated cost analysis of bariatric surgery in the Australian public healthcare system. <i>European Journal of Health Economics</i> , 2022, 23, 941-952.	2.8	2

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73	Cost analysis of employing general practitioners within residential aged care facilities based on a prospective, stepped-wedge, cluster randomised trial. BMC Health Services Research, 2022, 22, 374.	2.2	2
74	The Spring Festival Is Associated With Increased Mortality Risk in China: A Study Based on 285 Chinese Locations. Frontiers in Medicine, 2022, 9, 761060.	2.6	2
75	The Costs of Major and Minor Cycling Accidents in Tasmania, Australia. Value in Health, 2014, 17, A772-A773.	0.3	1
76	Cost-Effectiveness Analyses of Screening and Treatment Strategies for Postmenopausal Osteoporosis in Chinese Women. Value in Health, 2014, 17, A773.	0.3	1
77	Experimental analysis of beam aiming and pointing system with phased only spatial light modulators. , 2015, , .		1
78	COST EFFECTIVENESS OF FIRST-LINE OSTEOPOROSIS TREATMENTS IN CHINESE WOMEN. Value in Health, 2016, 19, A233.	0.3	1
79	Did expansion of health insurance coverage reduce horizontal inequity in healthcare finance? A decomposition analysis for China. BMJ Open, 2019, 9, e025184.	1.9	1
80	Evaluating Health Related Quality of Life in Older People at Risk of Osteoporotic Fracture: A Head-to-Head Comparison of the EQ-5D-5L and AQoL-6D. Social Indicators Research, 2022, 160, 809-824.	2.7	1
81	Cost-Effectiveness of Polygenic Risk Profiling for Primary Open-Angle Glaucoma in the United Kingdom and Australia. SSRN Electronic Journal, 0, , .	0.4	1
82	Protocol for the economic evaluation of the China Salt Substitute and Stroke Study (SSaSS). BMJ Open, 2021, 11, e045929.	1.9	1
83	Healthcare resource utilisation and predictors for critical care unit admissions after primary bariatric surgery in an Australian public hospital setting: an exploratory study using a mixed-methods approach. Australian Health Review, 2022, 46, 42-51.	1.1	1
84	High-power near-infrared supercontinuum source generated in an ytterbium-doped fiber amplifier. Proceedings of SPIE, 2015, , .	0.8	0
85	Cost-Effectiveness of Population Screening for Haemochromatosis In Australia: A State-Transition Model. Value in Health, 2016, 19, A874-A875.	0.3	0
86	Equity of Government Subsidy in Health Care: A Case Study in China. Value in Health, 2016, 19, A819.	0.3	0
87	Life Expectancy, Quality-Adjusted Life Years, and Total Lifetime Costs for Australian People with Multiple Sclerosis. Value in Health, 2016, 19, A808.	0.3	0
88	The Longterm Cost Effectiveness of the “Coaching Patients on Achieving Cardiovascular Health” (Coach) Program in Type 2 Diabetes in Tasmania. Value in Health, 2016, 19, A899.	0.3	0
89	Cost Analysis of Changing A Model of Care and Employing General Practitioners within Residential Aged Care Facilities Based on A Prospective, Stepped-Wedge, Cluster Randomised Trial in an Australian Setting. Value in Health, 2018, 21, S58.	0.3	0
90	Health State Utilities and High Body Mass Index: Evidence from who Study of Global Ageing and Adult Health (SAGE). Value in Health, 2018, 21, S109.	0.3	0

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91	Compact optical image amplifier pumped by a sub-nanosecond Nd:YAG microlaser. Applied Optics, 2018, 57, 2622.	1.8	0
92	PCN312 THE ECONOMIC BURDEN OF MELANOMA PATIENTS IN CHINA. Value in Health, 2019, 22, S115-S116.	0.3	0
93	PDB37 COST EFFECTIVENESS OF SODIUM-GLUCOSE COTRANSPORTER-2 (SGLT2) INHIBITORS, GLUCAGON-LIKE PEPTIDE 1 (GLP-1) RECEPTOR AGONISTS, DIPEPTIDYL PEPTIDASE 4 (DPP-4) INHIBITORS: A SYSTEMATIC REVIEW. Value in Health, 2019, 22, S146.	0.3	0
94	Development and validation of the risk engine for an Australian Health Economics Model of Osteoporosis. Osteoporosis International, 2021, 32, 2073-2081.	3.1	0
95	Prevention of T2DM: health economics (revision number 4). , 2014, , .		0
96	Comparison and enlightenment of optical higher education between America and China. , 2017, , .		0
97	Measures for evidence based improvement in integrated care: Comparative analysis of hospital patients with chronic physical conditions and mental illness. International Journal of Integrated Care, 2018, 18, 20.	0.2	0
98	Public reporting to facilitate integration of physical and mental care for hospital patients. International Journal of Integrated Care, 2019, 19, 493.	0.2	0