

Laixiang Sun

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

5,149
citations

117625

34
h-index

95266

68
g-index

121
all docs

121
docs citations

121
times ranked

4074
citing authors

#	ARTICLE	IF	CITATIONS
1	æ±å° ä,ç; @ä®šæ€šä,æ²¿æµ·æªæ°æ°”ä€™äãCE-é€,å°”å†³ç-æ-1æ³•è-,è¿°. Chinese Science Bulletin, 2022, , .	0.7	0
2	Advancing index-based climate risk assessment to facilitate adaptation planning: Application in Shanghai and Shenzhen, China. Advances in Climate Change Research, 2022, , .	5.1	3
3	Adoption of biomass for electricity generation in Thailand: Implications for energy security, employment, environment, and land use change. Renewable Energy, 2022, 195, 1454-1467.	8.9	6
4	Social interaction and geographic diffusion of ironâ€biofortified beans in Rwanda. Agricultural Economics (United Kingdom), 2022, 53, 503-528.	3.9	3
5	Stormwater Management Adaptation Pathways under Climate Change and Urbanization. Journal of Sustainable Water in the Built Environment, 2022, 8, .	1.6	5
6	Unequal household carbon footprints in the peak-and-decline pattern of U.S. greenhouse gas emissions. Journal of Cleaner Production, 2022, 368, 132650.	9.3	21
7	Compound flood impact of water level and rainfall during tropical cyclone periods in a coastal city: the case of Shanghai. Natural Hazards and Earth System Sciences, 2022, 22, 2347-2358.	3.6	18
8	Quantifying stakeholder learning in climate change adaptation across multiple relational and participatory networks. Journal of Environmental Management, 2021, 278, 111508.	7.8	13
9	Biophysical and socioeconomic drivers of oil palm expansion in Indonesia. Environmental Research Letters, 2021, 16, 034048.	5.2	9
10	Searching for â€œWin-Winâ€solutions for food-water-GHG emissions tradeoffs across irrigation regimes of paddy rice in China. Resources, Conservation and Recycling, 2021, 166, 105360.	10.8	29
11	Quantifying economic-social-environmental trade-offs and synergies of water-supply constraints: An application to the capital region of China. Water Research, 2021, 195, 116986.	11.3	44
12	Is the tropical cyclone surge in Shanghai more sensitive to landfall location or intensity change?. Atmospheric Science Letters, 2021, 22, e1058.	1.9	5
13	Water-land tradeoffs to meet future demands for sugar crops in Latin America and the Caribbean: A bio-physical and socio-economic nexus perspective. Resources, Conservation and Recycling, 2021, 169, 105510.	10.8	14
14	An integrated framework of coastal flood modelling under the failures of sea dikes: a case study in Shanghai. Natural Hazards, 2021, 109, 671-703.	3.4	7
15	A review of trends and drivers of greenhouse gas emissions by sector from 1990 to 2018. Environmental Research Letters, 2021, 16, 073005.	5.2	421
16	A global North-South division line for portraying urban development. IScience, 2021, 24, 102729.	4.1	17
17	The Effects of Climate Change on Chinese Medicinal Yam Over North China Under the Highâ€Resolution PRECIS Projection. Earth and Space Science, 2021, 8, e2021EA001804.	2.6	1
18	Shifts towards healthy diets in the US can reduce environmental impacts but would be unaffordable for poorer minorities. Nature Food, 2021, 2, 664-672.	14.0	23

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19	A vital option for food security and greenhouse gases mitigation: planting elite super rice in double-to single-rice cropping fields in China. <i>Environmental Research Letters</i> , 2021, 16, 094038.	5.2	0
20	Socioeconomic drivers of provincial-level changes in the blue and green water footprints in China. <i>Resources, Conservation and Recycling</i> , 2021, 175, 105834.	10.8	47
21	The potential contribution of growing rapeseed in winter fallow fields across Yangtze River Basin to energy and food security in China. <i>Resources, Conservation and Recycling</i> , 2021, 164, 105159.	10.8	28
22	Environmental implications of economic transformation in China's Pearl River Delta region: Dynamics at four nested geographical scales over 1987–2017. <i>Science of the Total Environment</i> , 2021, 816, 151631.	8.0	3
23	Agro-ecological suitability assessment of Chinese Medicinal Yam under future climate change. <i>Environmental Geochemistry and Health</i> , 2020, 42, 987-1000.	3.4	13
24	Projecting Changes in Mean and Extreme Precipitation Over Eastern China During 2041–2060. <i>Earth and Space Science</i> , 2020, 7, e2019EA001024.	2.6	9
25	Labor migration and the decoupling of the crop-livestock system in a rural mountainous area: Evidence from Chongqing, China. <i>Land Use Policy</i> , 2020, 99, 105088.	5.6	18
26	Limiting rice and sugarcane residue burning in Thailand: Current status, challenges and strategies. <i>Journal of Environmental Management</i> , 2020, 276, 111228.	7.8	23
27	Household carbon and energy inequality in Latin American and Caribbean countries. <i>Journal of Environmental Management</i> , 2020, 273, 110979.	7.8	38
28	High-Resolution Projections of Mean and Extreme Precipitation over China by Two Regional Climate Models. <i>Journal of Meteorological Research</i> , 2020, 34, 965-985.	2.4	16
29	Mitigating heat-related mortality risk in Shanghai, China: system dynamics modeling simulations. <i>Environmental Geochemistry and Health</i> , 2020, 42, 3171-3184.	3.4	6
30	Nature-based solutions for urban pluvial flood risk management. <i>Wiley Interdisciplinary Reviews: Water</i> , 2020, 7, e1421.	6.5	63
31	Using a cross-scale simulation tool to assess future maize production under multiple climate change scenarios: An application to the Northeast Farming Region of China. <i>Climate Services</i> , 2020, 18, 100150.	2.5	5
32	Assessment of Wetland Change on the Delmarva Peninsula from 1984 to 2010. <i>Journal of Coastal Research</i> , 2020, 36, 575.	0.3	5
33	Satellite-detected gain in built-up area as a leading economic indicator. <i>Environmental Research Letters</i> , 2019, 14, 114015.	5.2	4
34	Synthesized trade-off analysis of flood control solutions under future deep uncertainty: An application to the central business district of Shanghai. <i>Water Research</i> , 2019, 166, 115067.	11.3	24
35	Explaining virtual water trade: A spatial-temporal analysis of the comparative advantage of land, labor and water in China. <i>Water Research</i> , 2019, 153, 304-314.	11.3	89
36	An Index-Based Assessment of Perceived Climate Risk and Vulnerability for the Urban Cluster in the Yangtze River Delta Region of China. <i>Sustainability</i> , 2019, 11, 2099.	3.2	14

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37	Impacts of Urban Expansion on Terrestrial Carbon Storage in China. <i>Environmental Science & Technology</i> , 2019, 53, 6834-6844.	10.0	90
38	Optimizing regional cropping systems with a dynamic adaptation strategy for water sustainable agriculture in the Hebei Plain. <i>Agricultural Systems</i> , 2019, 173, 94-106.	6.1	30
39	Future increases in irrigation water requirement challenge the water-food nexus in the northeast farming region of China. <i>Agricultural Water Management</i> , 2019, 213, 594-604.	5.6	46
40	The land-water nexus of biofuel production in Brazil: Analysis of synergies and trade-offs using a multiregional input-output model. <i>Journal of Cleaner Production</i> , 2019, 214, 52-61.	9.3	55
41	Decarbonizing China's Urban Agglomerations. <i>Annals of the American Association of Geographers</i> , 2019, 109, 266-285.	2.2	26
42	Agricultural Adaptation to Climate Change in China. , 2019, , 111-122.		3
43	An estimation of the extent of cropland abandonment in mountainous regions of China. <i>Land Degradation and Development</i> , 2018, 29, 1327-1342.	3.9	105
44	Maintaining rice production while mitigating methane and nitrous oxide emissions from paddy fields in China: Evaluating tradeoffs by using coupled agricultural systems models. <i>Agricultural Systems</i> , 2018, 159, 175-186.	6.1	35
45	The Water-Energy-Food Nexus in East Asia: A tele-connected value chain analysis using inter-regional input-output analysis. <i>Applied Energy</i> , 2018, 210, 550-567.	10.1	194
46	Changes in production potentials of rapeseed in the Yangtze River Basin of China under climate change: A multi-model ensemble approach. <i>Journal of Chinese Geography</i> , 2018, 28, 1700-1714.	3.9	40
47	Quantifying the impact of diet quality on hunger and undernutrition. <i>Journal of Cleaner Production</i> , 2018, 205, 432-446.	9.3	8
48	Industry Agglomeration, Sub-National Institutions and the Profitability of Foreign Subsidiaries. <i>Management International Review</i> , 2018, 58, 969-993.	3.3	7
49	The impacts of increased heat stress events on wheat yield under climate change in China. <i>Climatic Change</i> , 2017, 140, 605-620.	3.6	67
50	Uncovering the spatially distant feedback loops of global trade: A network and input-output approach. <i>Science of the Total Environment</i> , 2017, 586, 401-408.	8.0	31
51	How do sub-national institutional constraints impact foreign firm performance?. <i>International Business Review</i> , 2017, 26, 555-565.	4.8	29
52	Mission Impossible? Maintaining regional grain production level and recovering local groundwater table by cropping system adaptation across the North China Plain. <i>Agricultural Water Management</i> , 2017, 193, 1-12.	5.6	49
53	A cross-scale model coupling approach to simulate the risk-reduction effect of natural adaptation on soybean production under climate change. <i>Human and Ecological Risk Assessment (HERA)</i> , 2017, 23, 426-440.	3.4	7
54	Does foreign direct investment stimulate new firm creation? In search of spillovers through industrial and geographical linkages. <i>Small Business Economics</i> , 2017, 48, 613-631.	6.7	15

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55	Uncovering the Green, Blue, and Grey Water Footprint and Virtual Water of Biofuel Production in Brazil: A Nexus Perspective. Sustainability, 2017, 9, 2049.	3.2	23
56	Global carbon inequality. Energy, Ecology and Environment, 2017, 2, 361-369.	3.9	167
57	Global Trade, Pollution and Mortality. , 2017, , 161-171.		0
58	Global Implications of China's Future Food Consumption. Journal of Industrial Ecology, 2016, 20, 593-602.	5.5	56
59	Potential negative consequences of geoengineering on crop production: A study of Indian groundnut. Geophysical Research Letters, 2016, 43, 11786-11795.	4.0	18
60	Correspondence: Reply to "Reassessing the contribution of natural gas to US CO2 emission reductions since 2007". Nature Communications, 2016, 7, 10693.	12.8	11
61	Drivers of cropland abandonment in mountainous areas: A household decision model on farming scale in Southwest China. Land Use Policy, 2016, 57, 459-469.	5.6	181
62	Heat wave, electricity rationing, and trade-offs between environmental gains and economic losses: The example of Shanghai. Applied Energy, 2016, 184, 951-959.	10.1	12
63	Length of stay in urban areas of circular migrants from the mountainous areas in China. Journal of Mountain Science, 2016, 13, 947-956.	2.0	4
64	Some Bad News Is Good News for Foreign Investors: The Case of Intellectual Property Rights Infringement in China. Thunderbird International Business Review, 2016, 58, 317-329.	1.8	1
65	Modeling the carbon consequences of pro-environmental consumer behavior. Applied Energy, 2016, 184, 1207-1216.	10.1	55
66	Inequalities in Global Trade: A Cross-Country Comparison of Trade Network Position, Economic Wealth, Pollution and Mortality. PLoS ONE, 2015, 10, e0144453.	2.5	25
67	Unequal carbon exchanges: understanding pollution embodied in global trade. Environmental Sociology, 2015, 1, 256-267.	2.9	39
68	Entrepreneurship across time and space: empirical evidence from Korea. Small Business Economics, 2015, 44, 705-719.	6.7	14
69	Drivers of the US CO2 emissions 1997-2013. Nature Communications, 2015, 6, 7714.	12.8	296
70	Impact of the changing area sown to winter wheat on crop water footprint in the North China Plain. Ecological Indicators, 2015, 57, 100-109.	6.3	41
71	Impact of exchange rate regime reform on asset returns in China. European Journal of Finance, 2015, 21, 147-171.	3.1	5
72	Agriculture under Climate Change in China: Mitigate the Risks by Grasping the Emerging Opportunities. Human and Ecological Risk Assessment (HERA), 2015, 21, 1259-1276.	3.4	8

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73	A hydro-economic MRIO analysis of the Haihe River Basin's water footprint and water stress. <i>Ecological Modelling</i> , 2015, 318, 157-167.	2.5	78
74	Improving performance of Agro-Ecological Zone (AEZ) modeling by cross-scale model coupling: An application to japonica rice production in Northeast China. <i>Ecological Modelling</i> , 2014, 290, 155-164.	2.5	30
75	A generalized framework for endogenous timing in duopoly games and an application to price-quantity competition. <i>Journal of Economics/ Zeitschrift Fur Nationalokonomie</i> , 2014, 112, 137-164.	0.7	2
76	The Economic Gains and Environmental Losses of US Consumption: A World-Systems and Input-Output Approach. <i>Social Forces</i> , 2014, 93, 405-428.	1.3	66
77	Virtual Scarce Water in China. <i>Environmental Science & Technology</i> , 2014, 48, 7704-7713.	10.0	251
78	Potentials of crop residues for commercial energy production in China: A geographic and economic analysis. <i>Biomass and Bioenergy</i> , 2014, 64, 110-123.	5.7	55
79	Inward Foreign Direct Investment and Domestic Entrepreneurship: A Regional Analysis of New Firm Creation in Korea. <i>Regional Studies</i> , 2014, 48, 910-922.	4.4	22
80	Consumption-based CO ₂ accounting of China's megacities: The case of Beijing, Tianjin, Shanghai and Chongqing. <i>Ecological Indicators</i> , 2014, 47, 26-31.	6.3	236
81	State-Owned versus Township and Village Enterprises in China. , 2014, , 33-59.		0
82	Regional knowledge production and entrepreneurial firm creation: Spatial Dynamic Analyses. <i>Journal of Business Research</i> , 2013, 66, 2106-2115.	10.2	29
83	Outsourcing CO ₂ within China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11654-11659.	7.1	533
84	Agroclimatic conditions in China under climate change scenarios projected from regional climate models. <i>International Journal of Climatology</i> , 2013, 34, n/a-n/a.	3.5	6
85	Estimating potential yield of wheat production in china based on cross-scale data-model fusion. , 2012, , .		1
86	On equivalence between Cournot competition and the Krepsâ€“Scheinkman game. <i>International Journal of Industrial Organization</i> , 2012, 30, 116-125.	1.2	5
87	Estimating potential yield of wheat production in China based on cross-scale data-model fusion. <i>Frontiers of Earth Science</i> , 2012, 6, 364-372.	2.1	21
88	Liquid biofuels in China: Current status, government policies, and future opportunities and challenges. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 3095-3104.	16.4	88
89	Foreign Direct Investment and Total Factor Productivity in China: A Spatial Dynamic Panel Analysis*. <i>Oxford Bulletin of Economics and Statistics</i> , 2011, 73, 771-791.	1.7	27
90	International Listing as a Means to Mobilize the Benefits of Financial Globalization: Micro-level Evidence from China. <i>World Development</i> , 2009, 37, 825-838.	4.9	15

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91	Risk-adjusted approaches for planning sustainable agricultural development. Stochastic Environmental Research and Risk Assessment, 2009, 23, 441-450.	4.0	17
92	INCORPORATING TECHNOLOGY DIFFUSION, FACTOR MOBILITY AND STRUCTURAL CHANGE INTO CROSS-REGION GROWTH REGRESSION: AN APPLICATION TO CHINA*. Journal of Regional Science, 2009, 50, 734-755.	3.3	12
93	State ownership and corporate performance: A quantile regression analysis of Chinese listed companies. China Economic Review, 2009, 20, 703-716.	4.4	51
94	Challenging, complementing or assuming "the Mandate of Heaven"? Political distrust and the rise of self-governing social organizations in rural China. Journal of Comparative Economics, 2009, 37, 151-168.	2.2	27
95	<i>Linkages between China's Regions: Measurement and Policy</i>. Nicolaas Groenewold , Anping Chen , Guoping Lee. China Journal, 2009, 62, 190-192.	0.2	0
96	Economic and Societal Changes in China and their Effects on Water Use A Scenario Analysis. Journal of Industrial Ecology, 2008, 9, 187-200.	5.5	62
97	Business Networks and Strategic Alliances in China, Stewart Clegg, Karen Wang and Mike Berrell . Cheltenham, UK and Northampton, MA: Edward Elgar, 2007. xv + 330 pp. ISBN 978-1-84542-306-3. Â£69.95. China Quarterly, 2008, 196, 931-932.	0.7	0
98	Dream of the red financial supermarket: the gradual emergence of integrated financial services provision in China in the 21st century. Journal of Chinese Economic and Business Studies, 2008, 6, 385-405.	2.8	0
99	Special issue on China's adaptation to global best business practices: introduction. Journal of Chinese Economic and Business Studies, 2008, 6, 335-340.	2.8	0
100	Achieving Effective Governance under Divided Government and Private Interest Group Pressure: Taiwan's 2001 Financial Holding Company Law. Journal of Contemporary China, 2007, 16, 655-680.	2.3	2
101	Towards a Labour Market in China. By JOHN KNIGHT and LINA SONG. Economica, 2007, 74, 375-376.	1.6	0
102	Dynamics of Internationalization and Outward Investment: Chinese Corporations' Strategies. China Quarterly, 2006, 187, 610-634.	0.7	138
103	International Listing as a Mechanism of Commitment to More Credible Corporate Governance Practices: the case of the Bank of China (Hong Kong). Corporate Governance: an International Review, 2005, 13, 81-91.	2.4	26
104	Beyond the simple material balance: a reply to Sangwon Suh's note on physical input"output analysis. Ecological Economics, 2004, 48, 19-22.	5.7	26
105	Study on the Impacts of Climate Change on China's Agriculture. Climatic Change, 2004, 65, 125-148.	3.6	63
106	Adaptive Efficiency and the Evolving Diversity of Enterprise Ownership and Governance Forms: An Overview. , 2003, , 1-35.		1
107	Introduction Adaptive Efficiency and Evolving Diversity of Enterprise Ownership and Governance. Journal of Comparative Economics, 2002, 30, 754-758.	2.2	0
108	Fading out of local government ownership: recent ownership reform in China's township and village enterprises. Economic Systems, 2002, 26, 249-269.	2.2	27

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109	A scenario analysis of China's land use and land cover change: incorporating biophysical information into input-output modeling. <i>Structural Change and Economic Dynamics</i> , 2001, 12, 367-397.	4.5	123
110	Title is missing!. <i>Economic Change and Restructuring</i> , 2001, 34, 195-213.	0.4	2
111	Model based analysis of future land-use development in China. <i>Agriculture, Ecosystems and Environment</i> , 2001, 85, 163-176.	5.3	148
112	Anticipatory Ownership Reform Driven by Competition: China' Township-Village and Private Enterprises in the 1990s. <i>Comparative Economic Studies</i> , 2000, 42, 49-75.	1.1	26
113	Liability Sharing as a Mechanism to Improve Firms' Investment and Liquidation Decisions. <i>Journal of Comparative Economics</i> , 2000, 28, 739-761.	2.2	2
114	State-Owned versus Township and Village Enterprises in China. <i>Comparative Economic Studies</i> , 1999, 41, 151-179.	1.1	48
115	Estimating Investment Functions Based on Cointegration: The Case of China. <i>Journal of Comparative Economics</i> , 1998, 26, 175-191.	2.2	22
116	Interest Rate Policy and Incentives of State-Owned Enterprises in the Transitional China. <i>Journal of Comparative Economics</i> , 1996, 23, 292-318.	2.2	19