

Calum G Turvey

List of Publications by Year in descending order

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144
papers

2,539
citations

293460

24
h-index

299063

42
g-index

150
all docs

150
docs citations

150
times ranked

1771
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequenced Crop Evapotranspiration and Water Requirement in Developing a Multitrigger Rainfall Index Insurance and Risk-Contingent Credit. <i>Weather, Climate, and Society</i> , 2022, 14, 19-38.	0.5	3
2	Subjective and objective risk perceptions and the willingness to pay for agricultural insurance: evidence from an in-the-field choice experiment in rural China. <i>GENEVA Risk and Insurance Review</i> , 2022, 47, 98-121.	0.4	6
3	The willingness to offer livestock insurance in rural China: a discrete choice experiment among Chinese insurance agents. <i>Agricultural Finance Review</i> , 2022, ahead-of-print, .	0.7	0
4	Special issue "Risk Considerations and Insurance in Developing Countries" of the Geneva Risk and Insurance Review. <i>GENEVA Risk and Insurance Review</i> , 2022, 47, 1-5.	0.4	1
5	Heterogeneous choice in WTP and WTA for renting land use rights in rural china: Choice experiments from the field. <i>Land Use Policy</i> , 2022, 119, 106123.	2.5	5
6	Heterogeneous Demand and Supply for an Insurance-linked Credit Product in Kenya: A Stated Choice Experiment Approach. <i>Journal of Agricultural Economics</i> , 2021, 72, 244-267.	1.6	9
7	Inclusive Finance, Farm Households Entrepreneurship, and Inclusive Rural Transformation in Rural Poverty-stricken Areas in China. <i>Emerging Markets Finance and Trade</i> , 2021, 57, 1929-1958.	1.7	30
8	A vulnerability index for priority targeting of agricultural crops under a changing climate. <i>Climatic Change</i> , 2021, 166, 1.	1.7	0
9	Market microstructure and the historical relationship between the US farm credit system, farm service agency and commercial bank lending. <i>Agricultural Finance Review</i> , 2021, 81, 360-385.	0.7	4
10	The impact of the China-USA trade war on USA Chapter 12 farm bankruptcies. <i>Agricultural Finance Review</i> , 2021, 81, 386-414.	0.7	5
11	Impact of Financial Literacy on Retirement Financial Portfolio: Evidence from China*. <i>Asian Economic Journal</i> , 2021, 35, 390-412.	0.5	3
12	Does Credit Influence Fertilizer Intensification in Rice Farming? Empirical Evidence from Côte D'Ivoire. <i>Agronomy</i> , 2020, 10, 1063.	1.3	15
13	Uptake of insurance-embedded credit in presence of credit rationing: evidence from a randomized controlled trial in Kenya. <i>Agricultural Finance Review</i> , 2020, 80, 745-766.	0.7	19
14	Addressing Fractional Dimensionality in the Application of Weather Index Insurance and Climate Risk Financing in Agricultural Development: A Dynamic Triggering Approach. <i>Weather, Climate, and Society</i> , 2019, 11, 901-915.	0.5	7
15	Design and rating of risk-contingent credit for balancing business and financial risks for Kenyan farmers. <i>Applied Economics</i> , 2019, 51, 5447-5465.	1.2	12
16	Farm Credit Demand and Supply in 1930s China. , 2019, , 225-257.		0
17	Drinking water and off-farm labour supply: between-gender and within-gender bias. <i>Australian Journal of Agricultural and Resource Economics</i> , 2018, 62, 103-120.	1.3	4
18	Alternative Strategies to Manage Weather Risk in Perennial Fruit Crop Production. <i>Agricultural and Resource Economics Review</i> , 2018, 47, 452-476.	0.6	7

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19	Financial inclusion, financial education, and e-commerce in rural china. <i>Agribusiness</i> , 2017, 33, 279-285.	1.9	27
20	Historical developments in agricultural finance and the genesis of America's farm credit system. <i>Agricultural Finance Review</i> , 2017, 77, 4-21.	0.7	23
21	Applying weather index insurance to agricultural pest and disease risks. <i>International Journal of Pest Management</i> , 2016, 62, 195-204.	0.9	12
22	On the Impact of Agricultural Livestock Microinsurance on Death-Loss, Production and Vaccine Use: Observations from a Quasi-Natural Experiment in China. <i>Geneva Papers on Risk and Insurance: Issues and Practice</i> , 2016, 41, 225-243.	1.1	7
23	Incentive mechanisms, loan decisions and policy rationing. <i>Agricultural Finance Review</i> , 2016, 76, 326-347.	0.7	4
24	An autoregressive approach to modeling commodity prices as a quasi-fractional Brownian motion. <i>Agricultural Finance Review</i> , 2016, 76, 54-75.	0.7	1
25	Fear and trust: How risk perceptions of avian influenza affect Chinese consumers' demand for chicken. <i>China Economic Review</i> , 2016, 40, 91-104.	2.1	22
26	The Elasticity of Demand for Microcredit: Evidence from Latin America. <i>Development Policy Review</i> , 2015, 33, 725-757.	1.0	13
27	Existing Food Habits and Recent Choices Lead to Disregard of Food Safety Announcements. <i>Canadian Journal of Agricultural Economics</i> , 2015, 63, 491-511.	1.2	13
28	A field study for assessing risk-contingent credit for Kenyan pastoralists and dairy farmers. <i>Agricultural Finance Review</i> , 2015, 75, 330-348.	0.7	13
29	Testing Asset Dynamics for Poverty Traps in Rural China. <i>Canadian Journal of Agricultural Economics</i> , 2015, 63, 129-162.	1.2	3
30	Designing catastrophic bonds for catastrophic risks in agriculture. <i>Agricultural Finance Review</i> , 2015, 75, 47-62.	0.7	6
31	The Potential and Uptake of Remote Sensing in Insurance: A Review. <i>Remote Sensing</i> , 2014, 6, 10888-10912.	1.8	111
32	Value chain approaches to development. <i>Journal of Agribusiness in Developing and Emerging Economies</i> , 2014, 4, 2-22.	1.2	34
33	Financial engineering for the farm problem. <i>Agricultural Finance Review</i> , 2014, 74, 271-286.	0.7	11
34	Borrower attitudes, lender attitudes and agricultural lending in rural China. <i>International Journal of Bank Marketing</i> , 2014, 32, 104-129.	3.6	17
35	Risk rationing and the demand for agricultural credit: a comparative investigation of Mexico and China. <i>Agricultural Finance Review</i> , 2014, 74, 248-270.	0.7	26
36	Climate change, adaptation and China's grain production. <i>China Economic Review</i> , 2014, 28, 72-89.	2.1	52

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37	Attitudinal Asymmetries and the Lender-Borrower Relationship: Survey Results on Farm Lending in Shandong, China. <i>Journal of Financial Services Research</i> , 2014, 46, 115-135.	0.6	12
38	Cross market price support and agricultural development. <i>Journal of Risk Finance</i> , 2014, 15, 33-51.	3.6	1
39	On the transaction values of land use rights in rural China. <i>Journal of Comparative Economics</i> , 2013, 41, 863-878.	1.1	24
40	Subjective Risks, Objective Risks and the Crop Insurance Problem in Rural China. <i>Geneva Papers on Risk and Insurance: Issues and Practice</i> , 2013, 38, 612-633.	1.1	15
41	Policy rationing in rural credit markets. <i>Agricultural Finance Review</i> , 2013, 73, 209-232.	0.7	25
42	The Impact of Credit Constraints on Farm Households: Survey Results from India and China. <i>Applied Economic Perspectives and Policy</i> , 2013, 35, 508-527.	3.1	48
43	Quantifying spatial basis risk for weather index insurance. <i>Journal of Risk Finance</i> , 2012, 14, 20-34.	3.6	63
44	Applicability of the Normalized Difference Vegetation Index (NDVI) in Index-Based Crop Insurance Design. <i>Weather, Climate, and Society</i> , 2012, 4, 271-284.	0.5	67
45	The effects of government sponsored enterprise (GSE) status on the pricing of bonds issued by the Federal Farm Credit Banks Funding Corporation (FFCB). <i>Agricultural Finance Review</i> , 2012, 72, 488-506.	0.7	5
46	Small businesses and risk contingent credit. <i>Journal of Risk Finance</i> , 2012, 13, 491-506.	3.6	6
47	Farm credit and credit demand elasticities in Shaanxi and Gansu. <i>China Economic Review</i> , 2012, 23, 1020-1035.	2.1	27
48	Macroeconomic costs to large scale disruptions of food production: The case of foot- and-mouth disease in the United States. <i>Economic Modelling</i> , 2012, 29, 1921-1930.	1.8	17
49	Credit Constraint Impacts on Farm Households: Survey Results from India and China. <i>SSRN Electronic Journal</i> , 2012, , .	0.4	3
50	W<scp>hole</scp> F<scp>arm</scp> I<scp>ncome</scp> I<scp>nsurance</scp>. <i>Journal of Risk and Insurance</i> , 2012, 79, 515-540.	1.0	51
51	Collateralâ€free lending with riskâ€contingent credit for agricultural development: indemnifying loans against pulse crop price risk in India. <i>Agricultural Economics (United Kingdom)</i> , 2012, 43, 561-574.	2.0	39
52	Can households form consistent/convergent and unbiased expectation of interest rate?. <i>Applied Economics Letters</i> , 2011, 18, 1553-1557.	1.0	0
53	Revealing the impact of index traders on commodity futures markets. <i>Applied Economics Letters</i> , 2011, 18, 621-626.	1.0	4
54	Microfinance, Rural Finance, and Development: Multiple Products for Multiple Challenges: Discussion. <i>American Journal of Agricultural Economics</i> , 2011, 93, 415-417.	2.4	2

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55	Factors influencing Shaanxi and Gansu farmers' willingness to purchase weather insurance. <i>China Agricultural Economic Review</i> , 2011, 3, 423-440.	1.8	12
56	The 7 Cs of rural credit in China. <i>Journal of Agribusiness in Developing and Emerging Economies</i> , 2011, 1, 100-133.	1.2	32
57	Does taxation have real effects on agricultural output? Theory and empirical evidence from China. <i>Journal of Economic Policy Reform</i> , 2011, 14, 227-242.	1.9	5
58	Weather risk and the viability of weather insurance in China's Gansu, Shaanxi, and Henan provinces. <i>China Agricultural Economic Review</i> , 2010, 2, 5-24.	1.8	42
59	Long-range dependence in the volatility of commodity futures prices: Wavelet-based evidence. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 79-90.	1.2	49
60	The Elasticity of Demand for Microcredit. <i>SSRN Electronic Journal</i> , 2010, , .	0.4	4
61	Whole Farm Income Insurance in a Canadian Context. <i>SSRN Electronic Journal</i> , 2010, , .	0.4	2
62	Farmers'™ Willingness to Purchase Weather Insurance in Rural China. <i>SSRN Electronic Journal</i> , 2010, , .	0.4	1
63	US rural land value bubbles. <i>Applied Economics Letters</i> , 2010, 17, 649-656.	1.0	10
64	Borrowing amongst friends: the economics of informal credit in rural China. <i>China Agricultural Economic Review</i> , 2010, 2, 133-147.	1.8	53
65	Informal lending amongst friends and relatives: Can microcredit compete in rural China?. <i>China Economic Review</i> , 2010, 21, 544-556.	2.1	120
66	Risk, fear, bird flu and terrorists: A study of risk perceptions and economics. <i>Journal of Socio-Economics</i> , 2010, 39, 1-10.	1.0	22
67	Biography: Agricultural Finance Review. <i>Agricultural Finance Review</i> , 2009, 69, 5-14.	0.7	3
68	Are the poor really more trustworthy? A micro-€lending experiment. <i>Agricultural Finance Review</i> , 2009, 69, 67-87.	0.7	19
69	Farm business decisions and the sustainable growth challenge paradigm. <i>Agricultural Finance Review</i> , 2009, 69, 228-247.	0.7	21
70	On the exit value of a forward contract. <i>Journal of Futures Markets</i> , 2009, 29, 179-196.	0.9	0
71	How does initial public financing influence private incentives for follow-on investment in early-stage technologies?. <i>Journal of Technology Transfer</i> , 2009, 34, 43-58.	2.5	48
72	Business and financial risks of small farm households in China. <i>China Agricultural Economic Review</i> , 2009, 1, 155-172.	1.8	27

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73	Liberty Hyde Bailey, the Country Life Commission and the formalization of farm credit in the USA. <i>Agricultural Finance Review</i> , 2009, 69, 133-148.	0.7	1
74	Financial repression in China's agricultural economy. <i>China Agricultural Economic Review</i> , 2009, 1, 260-274.	1.8	5
75	Market Structure and the Value of Agricultural Contingent Claims. <i>Canadian Journal of Agricultural Economics</i> , 2008, 56, 79-94.	1.2	8
76	The influence of Agro-terrorism on consumers' preference for locally grown products: a case-study from New Jersey. <i>Applied Economics Letters</i> , 2008, 15, 991-995.	1.0	1
77	The pricing, structure, and function of weather-linked bonds, mortgages, and operating credit. <i>Agricultural Finance Review</i> , 2008, 68, 135-150.	0.7	16
78	Improving humanitarian response to slow-onset disasters using famine-indexed weather derivatives. <i>Agricultural Finance Review</i> , 2008, 68, 169-195.	0.7	22
79	Political Communication and Agroterrorism. <i>Studies in Conflict and Terrorism</i> , 2008, 31, 947-970.	0.8	1
80	An Internet-Based Tool for Weather Risk Management. <i>Agricultural and Resource Economics Review</i> , 2008, 37, 63-78.	0.6	11
81	Using Weather Index Insurance to Improve Drought Response for Famine Prevention. <i>American Journal of Agricultural Economics</i> , 2007, 89, 1262-1268.	2.4	76
82	Evaluating the effects of asymmetric information in a model of crop insurance. <i>Agricultural Finance Review</i> , 2007, 67, 341-356.	0.7	8
83	A note on scaled variance ratio estimation of the Hurst exponent with application to agricultural commodity prices. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 377, 155-165.	1.2	16
84	Martingale Restrictions and the Implied Market Price of Risk. <i>Canadian Journal of Agricultural Economics</i> , 2007, 55, 138-158.	1.2	2
85	Business start-up survival challenges and strategies of agribusiness and non-agribusiness entrepreneurs. <i>Agricultural Finance Review</i> , 2006, 66, 61-75.	0.7	14
86	Determinants of a social clause in international trade negotiations. <i>Agricultural Economics (United Kingdom)</i> , 2006, 27, 101-110.	2.0	2
87	Martingale Restrictions and the Implied Market Price of Risk. <i>Canadian Journal of Agricultural Economics</i> , 2006, 54, 379-399.	1.2	6
88	Managing food industry business and financial risks with commodity-linked credit instruments. <i>Agribusiness</i> , 2006, 22, 523-545.	1.9	11
89	Pricing Weather Insurance with a Random Strike Price: The Ontario Ice Wine Harvest. <i>American Journal of Agricultural Economics</i> , 2006, 88, 696-709.	2.4	31
90	Developments in portfolio management and risk programming techniques for agriculture. <i>Agricultural Finance Review</i> , 2005, 65, 219-245.	0.7	2

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91	The pricing of degree-day weather options. <i>Agricultural Finance Review</i> , 2005, 65, 59-85.	0.7	40
92	The Precautionary Principle and the law of unintended consequences. <i>Food Policy</i> , 2005, 30, 145-161.	2.8	17
93	An assessment of the strategies and strengths of medium-sized food processors. <i>Agribusiness</i> , 2003, 19, 115-132.	1.9	12
94	Further thoughts on the relationship between economic value added and stock market performance. <i>Agribusiness</i> , 2003, 19, 255-267.	1.9	21
95	The Value of Dairy Quota under a Commercial Export Milk Program. <i>Canadian Journal of Agricultural Economics</i> , 2003, 51, 69-83.	1.2	2
96	Agricultural Land Values, Government Payments, and Production: Discussion. <i>American Journal of Agricultural Economics</i> , 2003, 85, 772-773.	2.4	1
97	The Pricing of Revenue Assurance: Comment. <i>American Journal of Agricultural Economics</i> , 2003, 85, 1062-1065.	2.4	7
98	The role of ex ante regulations in addressing problems of moral hazard in agricultural insurance. <i>Agricultural Finance Review</i> , 2002, 62, 103-116.	0.7	9
99	Hedging financial and business risks in agriculture with commodity-linked loans. <i>Agricultural Finance Review</i> , 2002, 62, 41-57.	0.7	11
100	The Relationship between Exports, Credit Risk and Credit Guarantees. <i>Canadian Journal of Agricultural Economics</i> , 2002, 50, 281-296.	1.2	13
101	On the Pricing of Cross Currency Futures Options for Canadian Grains and Livestock. <i>Canadian Journal of Agricultural Economics</i> , 2002, 50, 317-332.	1.2	5
102	Weather Derivatives for Specific Event Risks in Agriculture. <i>Applied Economic Perspectives and Policy</i> , 2001, 23, 333-351.	1.0	170
103	The relationship between economic value added and the stock market performance of agribusiness firms. <i>Agribusiness</i> , 2000, 16, 399-416.	1.9	34
104	The Simultaneous Hedging of Price Risk, Crop Yield Risk and Currency Risk. <i>Canadian Journal of Agricultural Economics</i> , 2000, 48, 123-140.	1.2	12
105	Using US. Bfp/Class III Futures Contracts in Risk Reduction Strategies for Subclasses 5a and 5b Milk for Further Processors. <i>Canadian Journal of Agricultural Economics</i> , 2000, 48, 505-526.	1.2	2
106	The relationship between economic value added and the stock market performance of agribusiness firms. , 2000, 16, 399.		3
107	Income risk and farm consumption behavior. <i>Agricultural Economics (United Kingdom)</i> , 1999, 20, 173-183.	2.0	1
108	The Effect of Agricultural Policy on Farmland Values. <i>Land Economics</i> , 1999, 75, 425.	0.5	78

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109	The Impact of Bank Mergers on Canadian Farm and Rural Communities. Canadian Journal of Agricultural Economics, 1999, 47, 265-279.	1.2	0
110	Reinsuring Agricultural Risk. Canadian Journal of Agricultural Economics, 1999, 47, 281-291.	1.2	8
111	Credit Risk and the Demand for Agricultural Loans. Canadian Journal of Agricultural Economics, 1997, 45, 201-217.	1.2	18
112	Credit Risk Assessment and the Opportunity Costs of Loan Misclassification. Canadian Journal of Agricultural Economics, 1997, 45, 285-299.	1.2	10
113	Equity and efficiency considerations in area versus individual yield insurance. Agricultural Economics (United Kingdom), 1995, 12, 23-35.	2.0	4
114	On the Inclusion of Hay in Ontario's Gross Revenue Insurance Plan: A Target Semivariance Approach. Applied Economic Perspectives and Policy, 1994, 16, 321.	1.0	3
115	Economics of Structural Change in Agriculture. Canadian Journal of Agricultural Economics, 1993, 41, 475-489.	1.2	65
116	Weed Control Decision Rules under Uncertainty. Applied Economic Perspectives and Policy, 1993, 15, 39.	1.0	25
117	Dynamics of Structural Change in the Ontario Hog Industry. Canadian Journal of Agricultural Economics, 1992, 40, 93-107.	1.2	9
118	Financing New Farm Entrants: The Long-term Leasing Option: A Comment. Canadian Journal of Agricultural Economics, 1992, 40, 151-158.	1.2	1
119	Contingent Claim Pricing Models Implied by Agricultural Stabilization and Insurance Policies. Canadian Journal of Agricultural Economics, 1992, 40, 183-198.	1.2	32
120	Optimal Hedging under Alternative Capital Structures and Risk Aversion: Reply. Canadian Journal of Agricultural Economics, 1992, 40, 503-504.	1.2	5
121	Regional and Farm-Level Risk Analyses with the Single-Index Model. Agricultural and Resource Economics Review, 1991, 20, 181-188.	0.2	4
122	Economic Costs of Environmental Quality Constraints. Canadian Journal of Agricultural Economics, 1991, 39, 677-685.	1.2	2
123	Obtaining Management Profiles of Ontario Swine Producers Through Cluster Analysis. Canadian Journal of Agricultural Economics, 1990, 38, 1021-1021.	1.2	1
124	Decomposition Measures of Technical Efficiency for Ontario Dairy Farms. Canadian Journal of Agricultural Economics, 1990, 38, 1023-1023.	1.2	5
125	Alternative estimates of weighted implied volatilities from soybean and live cattle options. Journal of Futures Markets, 1990, 10, 353-366.	0.9	9
126	A Farm-Level Financial Analysis of Farmers' Use of Futures and Options under Alternative Farm Programs. American Journal of Agricultural Economics, 1990, 72, 946-957.	2.4	60

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127	Decomposition Measures of Technical Efficiency for Ontario Dairy Farms. Canadian Journal of Agricultural Economics, 1990, 38, 439-456.	1.2	55
128	Optimal Hedging under Alternative Capital Structures and Risk Aversion. Canadian Journal of Agricultural Economics, 1989, 37, 135-143.	1.2	23
129	Evaluating Premiums for a Farm Income Insurance Policy. Canadian Journal of Agricultural Economics, 1989, 37, 233-247.	1.2	22
130	The Relationship between Hedging with Futures and the Financing Function of Farm Management. Canadian Journal of Agricultural Economics, 1989, 37, 629-638.	1.2	7
131	Systematic and Nonsystematic Risk in Farm Portfolio Selection. American Journal of Agricultural Economics, 1988, 70, 831-836.	2.4	15
132	Poverty Traps and Climate Risk: Limitations and Opportunities of Index-Based Risk Financing. SSRN Electronic Journal, 0, , .	0.4	46
133	Risk Perceptions, Consumer Response and the First U.S. Mad Cow Case. SSRN Electronic Journal, 0, , .	0.4	0
134	Risk, Savings and Farm Household Credit Demand Elasticities in Rural China. SSRN Electronic Journal, 0, , .	0.4	4
135	Applicability of the Normalized Difference Vegetation Index in Index-Based Crop Insurance Design. SSRN Electronic Journal, 0, , .	0.4	3
136	Risk Rationing and the Demand for Agricultural Credit. SSRN Electronic Journal, 0, , .	0.4	3
137	Market Prices of Orthogonal Risk and Risk Aversion in Complete Stochastic Volatility Models: Theoretical and Empirical. SSRN Electronic Journal, 0, , .	0.4	2
138	The Performance of Index Based Livestock Insurance: Ex Ante Assessment in the Presence of a Poverty Trap. SSRN Electronic Journal, 0, , .	0.4	4
139	Incentive Mechanisms, Loan Decisions and Credit Rationing: A Framed Field Experiment on China's Responsibility System for Rural Credit. SSRN Electronic Journal, 0, , .	0.4	1
140	Disasters, FMD and Food Security: Macroeconomic Responses to Large Scale Disruptions of U.S. Food Production. SSRN Electronic Journal, 0, , .	0.4	1
141	Collateral Free Lending with Risk-Contingent Credit for Agricultural Development. SSRN Electronic Journal, 0, , .	0.4	1
142	An Application of Risk Contingent Credit Applied to New York Dairy Farms with U.S. Options on Class III Milk Futures. SSRN Electronic Journal, 0, , .	0.4	0
143	It's a™s Excursion Theory, the Hurst Coefficient, and Fractional Excursions in Finance. SSRN Electronic Journal, 0, , .	0.4	0
144	On the Transaction Values of Land Use Rights in Rural China. SSRN Electronic Journal, 0, , .	0.4	0