

Calum G Turvey

List of Publications by Year in descending order

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144
papers

2,539
citations

257357

24
h-index

265120

42
g-index

150
all docs

150
docs citations

150
times ranked

1577
citing authors

#	ARTICLE	IF	CITATIONS
1	Weather Derivatives for Specific Event Risks in Agriculture. <i>Applied Economic Perspectives and Policy</i> , 2001, 23, 333-351.	1.0	170
2	Informal lending amongst friends and relatives: Can microcredit compete in rural China?. <i>China Economic Review</i> , 2010, 21, 544-556.	2.1	120
3	The Potential and Uptake of Remote Sensing in Insurance: A Review. <i>Remote Sensing</i> , 2014, 6, 10888-10912.	1.8	111
4	The Effect of Agricultural Policy on Farmland Values. <i>Land Economics</i> , 1999, 75, 425.	0.5	78
5	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
6	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
7	Economics of Structural Change in Agriculture. <i>Canadian Journal of Agricultural Economics</i> , 1993, 41, 475-489.	1.2	65
8	Quantifying spatial basis risk for weather index insurance. <i>Journal of Risk Finance</i> , 2012, 14, 20-34.	3.6	63
9	A Farm-Level Financial Analysis of Farmers' Use of Futures and Options under Alternative Farm Programs. <i>American Journal of Agricultural Economics</i> , 1990, 72, 946-957.	2.4	60
10	Decomposition Measures of Technical Efficiency for Ontario Dairy Farms. <i>Canadian Journal of Agricultural Economics</i> , 1990, 38, 439-456.	1.2	55
11	Borrowing amongst friends: the economics of informal credit in rural China. <i>China Agricultural Economic Review</i> , 2010, 2, 133-147.	1.8	53
12	Climate change, adaptation and China's grain production. <i>China Economic Review</i> , 2014, 28, 72-89.	2.1	52
13	Weather Index Insurance and Crop Insurance. <i>Journal of Risk and Insurance</i> , 2012, 79, 515-540.	1.0	51
14	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
15	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
16	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
17	Poverty Traps and Climate Risk: Limitations and Opportunities of Index-Based Risk Financing. <i>SSRN Electronic Journal</i> , 0, , .	0.4	46
18	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

#	ARTICLE	IF	CITATIONS
19	The pricing of degree-day weather options. <i>Agricultural Finance Review</i> , 2005, 65, 59-85.	0.7	40
20	Collateral-free lending with risk-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
21	The relationship between economic value added and the stock market performance of agribusiness firms. <i>Agribusiness</i> , 2000, 16, 399-416.	1.9	34
22	Value chain approaches to development. <i>Journal of Agribusiness in Developing and Emerging Economies</i> , 2014, 4, 2-22.	1.2	34
23	Contingent Claim Pricing Models Implied by Agricultural Stabilization and Insurance Policies. <i>Canadian Journal of Agricultural Economics</i> , 1992, 40, 183-198.	1.2	32
24	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
25	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
26	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
27	Business and financial risks of small farm households in China. <i>China Agricultural Economic Review</i> , 2009, 1, 155-172.	1.8	27
28	Farm credit and credit demand elasticities in Shaanxi and Gansu. <i>China Economic Review</i> , 2012, 23, 1020-1035.	2.1	27
29	Financial inclusion, financial education, and e-commerce in rural china. <i>Agribusiness</i> , 2017, 33, 279-285.	1.9	27
30	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
31	Weed Control Decision Rules under Uncertainty. <i>Applied Economic Perspectives and Policy</i> , 1993, 15, 39.	1.0	25
32	Policy rationing in rural credit markets. <i>Agricultural Finance Review</i> , 2013, 73, 209-232.	0.7	25
33	On the transaction values of land use rights in rural China. <i>Journal of Comparative Economics</i> , 2013, 41, 863-878.	1.2	24
34	Optimal Hedging under Alternative Capital Structures and Risk Aversion. <i>Canadian Journal of Agricultural Economics</i> , 1989, 37, 135-143.	1.2	23
35	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
36	Evaluating Premiums for a Farm Income Insurance Policy. <i>Canadian Journal of Agricultural Economics</i> , 1989, 37, 233-247.	1.2	22

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37	Improving humanitarian response to slow-onset disasters using famine-indexed weather derivatives. <i>Agricultural Finance Review</i> , 2008, 68, 169-195.	0.7	22
38	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
39	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
40	Further thoughts on the relationship between economic value added and stock market performance. <i>Agribusiness</i> , 2003, 19, 255-267.	1.9	21
41	Farm business decisions and the sustainable growth challenge paradigm. <i>Agricultural Finance Review</i> , 2009, 69, 228-247.	0.7	21
42	Are the poor really more trustworthy? A micro-lending experiment. <i>Agricultural Finance Review</i> , 2009, 69, 67-87.	0.7	19
43	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
44	Credit Risk and the Demand for Agricultural Loans. <i>Canadian Journal of Agricultural Economics</i> , 1997, 45, 201-217.	1.2	18
45	The Precautionary Principle and the law of unintended consequences. <i>Food Policy</i> , 2005, 30, 145-161.	2.8	17
46	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
47	Borrower attitudes, lender attitudes and agricultural lending in rural China. <i>International Journal of Bank Marketing</i> , 2014, 32, 104-129.	3.6	17
48	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
49	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
50	Systematic and Nonsystematic Risk in Farm Portfolio Selection. <i>American Journal of Agricultural Economics</i> , 1988, 70, 831-836.	2.4	15
51	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
52	Does Credit Influence Fertilizer Intensification in Rice Farming? Empirical Evidence from Côte D'Ivoire. <i>Agronomy</i> , 2020, 10, 1063.	1.3	15
53	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
54	The Relationship between Exports, Credit Risk and Credit Guarantees. <i>Canadian Journal of Agricultural Economics</i> , 2002, 50, 281-296.	1.2	13

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55	The Elasticity of Demand for Microcredit: Evidence from Latin America. <i>Development Policy Review</i> , 2015, 33, 725-757.	1.0	13
56	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
57	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
58	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
59	An assessment of the strategies and strengths of medium-sized food processors. <i>Agribusiness</i> , 2003, 19, 115-132.	1.9	12
60	Factors influencing Shaanxi and Gansu farmers' willingness to purchase weather insurance. <i>China Agricultural Economic Review</i> , 2011, 3, 423-440.	1.8	12
61	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
62	Applying weather index insurance to agricultural pest and disease risks. <i>International Journal of Pest Management</i> , 2016, 62, 195-204.	0.9	12
63	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
64	Hedging financial and business risks in agriculture with commodity-linked loans. <i>Agricultural Finance Review</i> , 2002, 62, 41-57.	0.7	11
65	Managing food industry business and financial risks with commodity-linked credit instruments. <i>Agribusiness</i> , 2006, 22, 523-545.	1.9	11
66	An Internet-Based Tool for Weather Risk Management. <i>Agricultural and Resource Economics Review</i> , 2008, 37, 63-78.	0.6	11
67	Financial engineering for the farm problem. <i>Agricultural Finance Review</i> , 2014, 74, 271-286.	0.7	11
68	Credit Risk Assessment and the Opportunity Costs of Loan Misclassification. <i>Canadian Journal of Agricultural Economics</i> , 1997, 45, 285-299.	1.2	10
69	US rural land value bubbles. <i>Applied Economics Letters</i> , 2010, 17, 649-656.	1.0	10
70	Alternative estimates of weighted implied volatilities from soybean and live cattle options. <i>Journal of Futures Markets</i> , 1990, 10, 353-366.	0.9	9
71	Dynamics of Structural Change in the Ontario Hog Industry. <i>Canadian Journal of Agricultural Economics</i> , 1992, 40, 93-107.	1.2	9
72	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

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73	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
74	Reinsuring Agricultural Risk. <i>Canadian Journal of Agricultural Economics</i> , 1999, 47, 281-291.	1.2	8
75	Evaluating the effects of asymmetric information in a model of crop insurance. <i>Agricultural Finance Review</i> , 2007, 67, 341-356.	0.7	8
76	Market Structure and the Value of Agricultural Contingent Claims. <i>Canadian Journal of Agricultural Economics</i> , 2008, 56, 79-94.	1.2	8
77	The Pricing of Revenue Assurance: Comment. <i>American Journal of Agricultural Economics</i> , 2003, 85, 1062-1065.	2.4	7
78	The Relationship between Hedging with Futures and the Financing Function of Farm Management. <i>Canadian Journal of Agricultural Economics</i> , 1989, 37, 629-638.	1.2	7
79	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
80	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
81	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
82	Martingale Restrictions and the Implied Market Price of Risk. <i>Canadian Journal of Agricultural Economics</i> , 2006, 54, 379-399.	1.2	6
83	Small businesses and risk contingent credit. <i>Journal of Risk Finance</i> , 2012, 13, 491-506.	3.6	6
84	Designing catastrophic bonds for catastrophic risks in agriculture. <i>Agricultural Finance Review</i> , 2015, 75, 47-62.	0.7	6
85	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
86	Decomposition Measures of Technical Efficiency for Ontario Dairy Farms. <i>Canadian Journal of Agricultural Economics</i> , 1990, 38, 1023-1023.	1.2	5
87	Optimal Hedging under Alternative Capital Structures and Risk Aversion: Reply. <i>Canadian Journal of Agricultural Economics</i> , 1992, 40, 503-504.	1.2	5
88	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
89	Financial repression in China's agricultural economy. <i>China Agricultural Economic Review</i> , 2009, 1, 260-274.	1.8	5
90	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

#	ARTICLE	IF	CITATIONS
91	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
92	The impact of the Chinaâ€“USA trade war on USA Chapter 12 farm bankruptcies. <i>Agricultural Finance Review</i> , 2021, 81, 386-414.	0.7	5
93	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
94	Regional and Farm-Level Risk Analyses with the Single-Index Model. <i>Agricultural and Resource Economics Review</i> , 1991, 20, 181-188.	0.2	4
95	Equity and efficiency considerations in area versus individual yield insurance. <i>Agricultural Economics (United Kingdom)</i> , 1995, 12, 23-35.	2.0	4
96	Risk, Savings and Farm Household Credit Demand Elasticities in Rural China. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
97	The Elasticity of Demand for Microcredit. <i>SSRN Electronic Journal</i> , 2010, , .	0.4	4
98	Revealing the impact of index traders on commodity futures markets. <i>Applied Economics Letters</i> , 2011, 18, 621-626.	1.0	4
99	Incentive mechanisms, loan decisions and policy rationing. <i>Agricultural Finance Review</i> , 2016, 76, 326-347.	0.7	4
100	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
101	The Performance of Index Based Livestock Insurance: Ex Ante Assessment in the Presence of a Poverty Trap. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
102	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
103	On the Inclusion of Hay in Ontario's Gross Revenue Insurance Plan: A Target Semivariance Approach. <i>Applied Economic Perspectives and Policy</i> , 1994, 16, 321.	1.0	3
104	Biography: <i>Agricultural Finance Review</i> . <i>Agricultural Finance Review</i> , 2009, 69, 5-14.	0.7	3
105	Applicability of the Normalized Difference Vegetation Index in Index-Based Crop Insurance Design. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
106	Risk Rationing and the Demand for Agricultural Credit. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
107	Credit Constraint Impacts on Farm Households: Survey Results from India and China. <i>SSRN Electronic Journal</i> , 2012, , .	0.4	3
108	Testing Asset Dynamics for Poverty Traps in Rural China. <i>Canadian Journal of Agricultural Economics</i> , 2015, 63, 129-162.	1.2	3

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109	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
110	The relationship between economic value added and the stock market performance of agribusiness firms. , 2000, 16, 399.		3
111	Impact of Financial Literacy on Retirement Financial Portfolio: Evidence from China*. <i>Asian Economic Journal</i> , 2021, 35, 390-412.	0.5	3
112	Economic Costs of Environmental Quality Constraints. <i>Canadian Journal of Agricultural Economics</i> , 1991, 39, 677-685.	1.2	2
113	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
114	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
115	Developments in portfolio management and risk programming techniques for agriculture. <i>Agricultural Finance Review</i> , 2005, 65, 219-245.	0.7	2
116	Determinants of a social clause in international trade negotiations. <i>Agricultural Economics (United Kingdom)</i> , 1999, 20, 173-183.	2.0	2
117	Martingale Restrictions and the Implied Market Price of Risk. <i>Canadian Journal of Agricultural Economics</i> , 2007, 55, 138-158.	1.2	2
118	Whole Farm Income Insurance in a Canadian Context. <i>SSRN Electronic Journal</i> , 2010, , .	0.4	2
119	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
120	Market Prices of Orthogonal Risk and Risk Aversion in Complete Stochastic Volatility Models: Theoretical and Empirical. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
121	Obtaining Management Profiles of Ontario Swine Producers Through Cluster Analysis. <i>Canadian Journal of Agricultural Economics</i> , 1990, 38, 1021-1021.	1.2	1
122	Financing New Farm Entrants: The Long-term Leasing Option: A Comment. <i>Canadian Journal of Agricultural Economics</i> , 1992, 40, 151-158.	1.2	1
123	Income risk and farm consumption behavior. <i>Agricultural Economics (United Kingdom)</i> , 1999, 20, 173-183.	2.0	1
124	Agricultural Land Values, Government Payments, and Production: Discussion. <i>American Journal of Agricultural Economics</i> , 2003, 85, 772-773.	2.4	1
125	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
126	Political Communication and Agroterrorism. <i>Studies in Conflict and Terrorism</i> , 2008, 31, 947-970.	0.8	1

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127	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
128	Farmers' Willingness to Purchase Weather Insurance in Rural China. <i>SSRN Electronic Journal</i> , 2010, , .	0.4	1
129	Cross market price support and agricultural development. <i>Journal of Risk Finance</i> , 2014, 15, 33-51.	3.6	1
130	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
131	Incentive Mechanisms, Loan Decisions and Credit Rationing: A Framed Field Experiment on China's Responsibility System for Rural Credit. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
132	Disasters, FMD and Food Security: Macroeconomic Responses to Large Scale Disruptions of U.S. Food Production. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
133	Collateral Free Lending with Risk-Contingent Credit for Agricultural Development. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
134	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
135	The Impact of Bank Mergers on Canadian Farm and Rural Communities. <i>Canadian Journal of Agricultural Economics</i> , 1999, 47, 265-279.	1.2	0
136	Risk Perceptions, Consumer Response and the First U.S. Mad Cow Case. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
137	On the exit value of a forward contract. <i>Journal of Futures Markets</i> , 2009, 29, 179-196.	0.9	0
138	Can households form consistent/convergent and unbiased expectation of interest rate?. <i>Applied Economics Letters</i> , 2011, 18, 1553-1557.	1.0	0
139	A vulnerability index for priority targeting of agricultural crops under a changing climate. <i>Climatic Change</i> , 2021, 166, 1.	1.7	0
140	An Application of Risk Contingent Credit Applied to New York Dairy Farms with U.S. Options on Class III Milk Futures. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
141	It's Excursion Theory, the Hurst Coefficient, and Fractional Excursions in Finance. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
142	On the Transaction Values of Land Use Rights in Rural China. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
143	Farm Credit Demand and Supply in 1930s China. , 2019, , 225-257.		0
144	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