Michael J Roberts

List of Publications by Year
in descending order

29 papers	5,489 citations	304743 22 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	5139 citing authors

#	Article	IF	Citations
1	Nonlinear temperature effects indicate severe damages to U.S. crop yields under climate change. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15594-15598.	7.1	2,237
2	Greater Sensitivity to Drought Accompanies Maize Yield Increase in the U.S. Midwest. Science, 2014, 344, 516-519.	12.6	779
3	The critical role of extreme heat for maize production in the United States. Nature Climate Change, 2013, 3, 497-501.	18.8	706
4	The Economic Impacts of Climate Change: Evidence from Agricultural Output and Random Fluctuations in Weather: Comment. American Economic Review, 2012, 102, 3749-3760.	8.5	334
5	Identifying Supply and Demand Elasticities of Agricultural Commodities: Implications for the US Ethanol Mandate. American Economic Review, 2013, 103, 2265-2295.	8.5	233
6	Nonlinear Effects of Weather on Corn Yields*. Applied Economic Perspectives and Policy, 2006, 28, 391-398.	1.0	186
7	Comparing and combining process-based crop models and statistical models with some implications for climate change. Environmental Research Letters, 2017, 12, 095010.	5.2	124
8	Projected temperature changes indicate significant increase in interannual variability of U.S. maize yields. Climatic Change, 2012, 112, 525-533.	3.6	121
9	Agronomic Weather Measures in Econometric Models of Crop Yield with Implications for Climate Change. American Journal of Agricultural Economics, 2013, 95, 236-243.	4.3	114
10	The Incidence of Government Program Payments on Agricultural Land Rents: The Challenges of Identification. American Journal of Agricultural Economics, 2003, 85, 762-769.	4.3	97
11	Continuous Corn and Soybean Yield Penalties across Hundreds of Thousands of Fields. Agronomy Journal, 2017, 109, 541-548.	1.8	64
12	Government Payments and Farm Business Survival. American Journal of Agricultural Economics, 2006, 88, 382-392.	4.3	63
13	Nonpecuniary Benefits to Farming: Implications for Supply Response to Decoupled Payments. American Journal of Agricultural Economics, 2009, 91, 1-18.	4.3	61
14	The effects of extremely wet planting conditions on maize and soybean yields. Climatic Change, 2015, 130, 247-260.	3.6	57
15	World Supply and Demand of Food Commodity Calories. American Journal of Agricultural Economics, 2009, 91, 1235-1242.	4.3	47
16	Estimating the Extent of Moral Hazard in Crop Insurance Using Administrative Data*. Applied Economic Perspectives and Policy, 2006, 28, 381-390.	1.0	36
17	Slippage in the Conservation Reserve Program or Spurious Correlation? A Comment. American Journal of Agricultural Economics, 2005, 87, 244-250.	4.3	35
18	US maize adaptability. Nature Climate Change, 2013, 3, 690-691.	18.8	35

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19	Who Really Benefits from Agricultural Subsidies? Evidence from Fieldâ€level Data. American Journal of Agricultural Economics, 2016, 98, 1095-1113.	4.3	34
20	Agricultural Payments and Land Concentration: A Semiparametric Spatial Regression Analysis. American Journal of Agricultural Economics, 2008, 90, 627-643.	4.3	33
21	Optimal Sequential Plantings of Corn and Soybeans Under Price Uncertainty. American Journal of Agricultural Economics, 2015, 97, 855-878.	4.3	29
22	Farmâ€Level Production Effects from Participation in Government Commodity Programs: Did the 1996 Federal Agricultural Improvement and Reform Act Make a Difference?. American Journal of Agricultural Economics, 2005, 87, 1211-1219.	4.3	24
23	Reply to 'Temperature and drought effects on maize yield'. Nature Climate Change, 2014, 4, 234-234.	18.8	20
24	Risk and farm operator labour supply. Applied Economics, 2006, 38, 573-586.	2.2	13
25	Randomized double auctions: gains from trade, trader roles, and price discovery. Experimental Economics, 2021, 24, 1325-1364.	2.1	2
26	Does Liquidity Matter to Agricultural Production?. , 2002, , 391-415.		2
27	Why Climate Change Impacts on Agriculture Could be Economically Substantial. , 2010, , 47-75.		2
28	Reply to Meerburg et al: Growing Areas in Brazil and the United States with Similar Exposure to Extreme Heat Have Similar Yields - Appendix. SSRN Electronic Journal, 0, , .	0.4	1
29	How Will Climate Change Affect Residential Water Demand? Evidence from Hawaiâ€˜i Microclimates. Water Economics and Policy, 2021, 07, 2150005.	1.0	0