

William A Masters

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

2,520
citations

257357

24
h-index

243529

44
g-index

117
all docs

117
docs citations

117
times ranked

2176
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Affordability of the EAT“Lancet reference diet: a global analysis. <i>The Lancet Global Health</i> , 2020, 8, e59-e66. | 2.9 | 341 |
| 2 | Climate and Scale in Economic Growth. <i>Journal of Economic Growth</i> , 2001, 6, 167-186. | 1.1 | 235 |
| 3 | Entry into winner-take-all and proportional-prize contests: An experimental study. <i>Journal of Public Economics</i> , 2010, 94, 604-611. | 2.2 | 192 |
| 4 | Urbanization and farm size in Asia and Africa: Implications for food security and agricultural research. <i>Global Food Security</i> , 2013, 2, 156-165. | 4.0 | 149 |
| 5 | Cost and affordability of nutritious diets at retail prices: Evidence from 177 countries. <i>Food Policy</i> , 2021, 99, 101983. | 2.8 | 82 |
| 6 | The Role of Leaders in Democratic Deliberations: Results from a Field Experiment in São Tomé and Príncipe. <i>World Politics</i> , 2006, 58, 583-622. | 1.8 | 81 |
| 7 | Distortions to Agricultural Incentives in Africa. , 2009, , . | | 66 |
| 8 | Measuring the Affordability of Nutritious Diets in Africa: Price Indexes for Diet Diversity and the Cost of Nutrient Adequacy. <i>American Journal of Agricultural Economics</i> , 2018, 100, 1285-1301. | 2.4 | 62 |
| 9 | Measuring the Comparative Advantage of Agricultural Activities: Domestic Resource Costs and the Social Cost-Benefit Ratio. <i>American Journal of Agricultural Economics</i> , 1995, 77, 243-250. | 2.4 | 56 |
| 10 | Food Compass is a nutrient profiling system using expanded characteristics for assessing healthfulness of foods. <i>Nature Food</i> , 2021, 2, 809-818. | 6.2 | 53 |
| 11 | Welfare Gains from Quality Certification of Infant Foods: Results from a Market Experiment in Mali. <i>American Journal of Agricultural Economics</i> , 2002, 84, 974-989. | 2.4 | 50 |
| 12 | Agriculture, transportation and the timing of urbanization: Global analysis at the grid cell level. <i>Journal of Economic Growth</i> , 2014, 19, 339-368. | 1.1 | 49 |
| 13 | Winner-take-all and proportional-prize contests: Theory and experimental results. <i>Journal of Economic Behavior and Organization</i> , 2020, 175, 314-327. | 1.0 | 43 |
| 14 | Sustainable food systems and nutrition in the 21st century: a report from the 22nd annual Harvard Nutrition Obesity Symposium. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 18-33. | 2.2 | 43 |
| 15 | Climatic conditions and child height: Sex-specific vulnerability and the protective effects of sanitation and food markets in Nepal. <i>Economics and Human Biology</i> , 2016, 23, 63-75. | 0.7 | 41 |
| 16 | Agricultural Transformation, Nutrition Transition and Food Policy in Africa: Preston Curves Reveal New Stylised Facts. <i>Journal of Development Studies</i> , 2018, 54, 788-802. | 1.2 | 38 |
| 17 | First foods: Diet quality among infants aged 6-23 months in 42 countries. <i>Food Policy</i> , 2019, 88, 101762. | 2.8 | 38 |
| 18 | GENETIC IMPROVEMENT AND COCOA YIELDS IN GHANA. <i>Experimental Agriculture</i> , 2005, 41, 491-503. | 0.4 | 37 |

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|----|---|-----|-----------|
| 19 | Energy Contents of Frequently Ordered Restaurant Meals and Comparison with Human Energy Requirements and US Department of Agriculture Database Information: A Multisite Randomized Study. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2016, 116, 590-598.e6. | 0.4 | 35 |
| 20 | The impact of agricultural research in Africa: aggregate and case study evidence. <i>Agricultural Economics (United Kingdom)</i> , 1998, 19, 81-86. | 2.0 | 34 |
| 21 | Household food production is positively associated with dietary diversity and intake of nutrient-dense foods for older preschool children in poorer families: Results from a nationally-representative survey in Nepal. <i>PLoS ONE</i> , 2017, 12, e0186765. | 1.1 | 34 |
| 22 | Misreporting Month of Birth: Diagnosis and Implications for Research on Nutrition and Early Childhood in Developing Countries. <i>Demography</i> , 2019, 56, 707-728. | 1.2 | 33 |
| 23 | Seasonality of diet costs reveals food system performance in East Africa. <i>Science Advances</i> , 2020, 6, . | 4.7 | 32 |
| 24 | The impact of agricultural research in Africa: aggregate and case study evidence. <i>Agricultural Economics (United Kingdom)</i> , 1998, 19, 81-86. | 2.0 | 28 |
| 25 | Effects and determinants of mild underweight among preschool children across countries and over time. <i>Economics and Human Biology</i> , 2011, 9, 66-77. | 0.7 | 26 |
| 26 | Global variation in the cost of a nutrient-adequate diet by population group: an observational study. <i>Lancet Planetary Health</i> , The, 2022, 6, e19-e28. | 5.1 | 26 |
| 27 | Gender and Agricultural Change: Crop-Livestock Integration in Senegal. <i>Society and Natural Resources</i> , 2000, 13, 203-222. | 0.9 | 25 |
| 28 | Beyond Calories: The New Economics of Nutrition. <i>Annual Review of Resource Economics</i> , 2019, 11, 237-259. | 1.5 | 25 |
| 29 | Global dietary convergence from 1970 to 2010 altered inequality in agriculture, nutrition and health. <i>Nature Food</i> , 2021, 2, 156-165. | 6.2 | 25 |
| 30 | Property rights, production technology, and deforestation: cocoa in Cameroon. <i>Agricultural Economics (United Kingdom)</i> , 2006, 35, 19-26. | 2.0 | 24 |
| 31 | The nutrition transition and agricultural transformation: a Preston curve approach. <i>Agricultural Economics (United Kingdom)</i> , 2016, 47, 97-114. | 2.0 | 24 |
| 32 | Retail prices of nutritious food rose more in countries with higher COVID-19 case counts. <i>Nature Food</i> , 2022, 3, 325-330. | 6.2 | 22 |
| 33 | Nutrient composition of premixed and packaged complementary foods for sale in low- and middle-income countries: Lack of standards threatens infant growth. <i>Maternal and Child Nutrition</i> , 2017, 13, . | 1.4 | 21 |
| 34 | Education and micronutrient deficiencies: an ecological study exploring interactions between women's schooling and children's micronutrient status. <i>BMC Public Health</i> , 2018, 18, 470. | 1.2 | 21 |
| 35 | Urbanization, market development and malnutrition in farm households: evidence from the Demographic and Health Surveys, 1986-2011. <i>Food Security</i> , 2015, 7, 521-533. | 2.4 | 20 |
| 36 | A Spatial Analysis of Maize Marketing Policy Reforms in Zambia. <i>American Journal of Agricultural Economics</i> , 1997, 79, 514-523. | 2.4 | 18 |

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|----|---|-----|-----------|
| 37 | A market-based approach to child nutrition: mothers' demand for quality certification of infant foods in Bamako, Mali. <i>Food Policy</i> , 2002, 27, 251-268. | 2.8 | 18 |
| 38 | Impact of caregiver incentives on child health: Evidence from an experiment with Anganwadi workers in India. <i>Journal of Health Economics</i> , 2017, 55, 219-231. | 1.3 | 18 |
| 39 | The Uruguay Round and Africa: a Global, General Equilibrium Analysis. <i>Journal of African Economies</i> , 1998, 7, 208-234. | 0.8 | 17 |
| 40 | Investing in soils: field bunds and microcatchments in Burkina Faso. <i>Environment and Development Economics</i> , 2002, 7, 571-591. | 1.3 | 17 |
| 41 | Diffusion and spillover of new technology: a heterogeneous-agent model for cassava in West Africa. <i>Agricultural Economics (United Kingdom)</i> , 2006, 35, 119-129. | 2.0 | 17 |
| 42 | Introduction to the special issue on the world food crisis. <i>Agricultural Economics (United Kingdom)</i> , 2008, 39, 373-374. | 2.0 | 17 |
| 43 | An African Growth Trap: Production Technology and the Time-Consistency of Agricultural Taxation, R&D and Investment. <i>Review of Development Economics</i> , 2003, 7, 179-191. | 1.0 | 16 |
| 44 | Designing programs to improve diets for maternal and child health: estimating costs and potential dietary impacts of nutrition-sensitive programs in Ethiopia, Nigeria, and India. <i>Health Policy and Planning</i> , 2018, 33, 564-573. | 1.0 | 14 |
| 45 | Returns from research in economies with policy distortions: hybrid sorghum in Sudan. <i>Agricultural Economics (United Kingdom)</i> , 1995, 12, 183-192. | 2.0 | 13 |
| 46 | Winner-Take-All and Proportional-Prize Contests: Theory and Experimental Results. <i>SSRN Electronic Journal</i> , 2012, , . | 0.4 | 12 |
| 47 | Priority interventions to improve maternal and child diets in sub-Saharan Africa and South Asia. <i>Maternal and Child Nutrition</i> , 2018, 14, e12526. | 1.4 | 11 |
| 48 | Beyond price and income: Preferences and food values in peri-urban Viet Nam. <i>Appetite</i> , 2021, 166, 105439. | 1.8 | 11 |
| 49 | Agriculture, nutrition, and health in global development: typology and metrics for integrated interventions and research. <i>Annals of the New York Academy of Sciences</i> , 2014, 1331, 258-269. | 1.8 | 10 |
| 50 | Disease control, demographic change and institutional development in Africa. <i>Journal of Development Economics</i> , 2014, 110, 313-326. | 2.1 | 10 |
| 51 | Modelling the potential cost-effectiveness of food-based programs to reduce malnutrition. <i>Global Food Security</i> , 2021, 29, 100550. | 4.0 | 10 |
| 52 | Agricultural Price Distortions and Stabilization. , 0, , 215-240. | | 9 |
| 53 | Does Child Undernutrition Persist Despite Poverty Reduction in Developing Countries? Quantile Regression Results. <i>Journal of Development Studies</i> , 2012, 48, 1699-1715. | 1.2 | 9 |
| 54 | Nutrition Smoothing: Can Proximity to Towns and Cities Protect Rural Children against Seasonal Variation in Agroclimatic Conditions at Birth?. <i>PLoS ONE</i> , 2017, 12, e0168759. | 1.1 | 9 |

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|----|---|-----|-----------|
| 55 | Orange Fanta versus orange fruit: A novel measure of nutrition knowledge in Malawi. <i>Maternal and Child Nutrition</i> , 2019, 15, e12656. | 1.4 | 9 |
| 56 | Panterritorial versus regional pricing for maize in Zimbabwe. <i>World Development</i> , 1993, 21, 1647-1658. | 2.6 | 8 |
| 57 | Production costs and input substitution in Zimbabwe's smallholder agriculture. <i>Agricultural Economics (United Kingdom)</i> , 1997, 17, 201-209. | 2.0 | 8 |
| 58 | Cost and Affordability of the EAT- <i>Lancet</i> Diet in 159 Countries. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 8 |
| 59 | Production costs and input substitution in Zimbabwe's smallholder agriculture. <i>Agricultural Economics (United Kingdom)</i> , 1997, 17, 201-209. | 2.0 | 7 |
| 60 | Performance bonuses in the public sector: Winner-take-all prizes versus proportional payments to reduce child malnutrition in India. <i>Journal of Development Economics</i> , 2020, 146, 102295. | 2.1 | 7 |
| 61 | Review: Retail consumer price data reveal gaps and opportunities to monitor food systems for nutrition. <i>Food Policy</i> , 2021, 104, 102148. | 2.8 | 7 |
| 62 | Measuring protection in agriculture: The producer subsidy equivalent revisited. <i>Oxford Agrarian Studies</i> , 1993, 21, 133-142. | 0.1 | 6 |
| 63 | Returns from research in economies with policy distortions: hybrid sorghum in Sudan. <i>Agricultural Economics (United Kingdom)</i> , 1995, 12, 183-192. | 2.0 | 6 |
| 64 | Research prizes: a new kind of incentive for innovation in African agriculture. <i>International Journal of Biotechnology</i> , 2005, 7, 195. | 1.2 | 6 |
| 65 | Can shorter mothers have taller children? Nutritional mobility, health equity and the intergenerational transmission of relative height. <i>Economics and Human Biology</i> , 2020, 39, 100928. | 0.7 | 6 |
| 66 | Food Systems as Drivers of Optimal Nutrition and Health: Complexities and Opportunities for Research and Implementation. <i>Current Developments in Nutrition</i> , 2021, 5, nzab062. | 0.1 | 6 |
| 67 | Technical change in Senegal's irrigated rice sector: impact assessment under uncertainty. <i>Agricultural Economics (United Kingdom)</i> , 2001, 24, 179-197. | 2.0 | 5 |
| 68 | Pasture taxes and agricultural intensification in southern Mali. <i>Agricultural Economics (United Kingdom)</i> , 2001, 24, 179-197. | 2.0 | 4 |
| 69 | Understanding the Political Economy of Agriculture in the Tropics. <i>American Journal of Agricultural Economics</i> , 2000, 82, 738-742. | 2.4 | 4 |
| 70 | Complementarity and sequencing of innovations: new varieties and mechanized processing for cassava in West Africa. <i>Economics of Innovation and New Technology</i> , 2004, 13, 19-31. | 2.1 | 4 |
| 71 | Linear Growth Spurts are Preceded by Higher Weight Gain Velocity and Followed by Weight Slowdowns Among Rural Children in Burkina Faso: A Longitudinal Study. <i>Journal of Nutrition</i> , 2022, 152, 1963-1973. | 1.3 | 4 |
| 72 | Measuring exchange rate misalignment: Inflation differentials and domestic relative prices. <i>World Development</i> , 1998, 26, 465-477. | 2.6 | 3 |

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| 73 | Pasture taxes and agricultural intensification in southern Mali. <i>Agricultural Economics (United Kingdom)</i> , 2000, 24, 179-197. | 2.0 | 3 |
| 74 | Technical change in Senegal's irrigated rice sector: impact assessment under uncertainty. <i>Agricultural Economics (United Kingdom)</i> , 2000, 24, 179-197. | 2.0 | 3 |
| 75 | Correcting for artifactual correlation between misreported month of birth and attained height-for-age reduces but does not eliminate measured vulnerability to season of birth in poorer countries. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 485-497. | 2.2 | 3 |
| 76 | The International Diet-Health Index: a novel tool to evaluate diet quality for cardiometabolic health across countries. <i>BMJ Global Health</i> , 2020, 5, e002120. | 2.0 | 3 |
| 77 | Fortified blended flour supplements displace plain cereals in feeding of young children. <i>Maternal and Child Nutrition</i> , 2021, 17, e13089. | 1.4 | 3 |
| 78 | Monthly measurement of child lengths between 6 and 27 months of age in Burkina Faso reveals both chronic and episodic growth faltering. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 94-104. | 2.2 | 3 |
| 79 | Research ethics beyond the IRB: Selection bias and the direction of innovation in applied economics. <i>Applied Economic Perspectives and Policy</i> , 2021, 43, 1352-1365. | 3.1 | 3 |
| 80 | Testing the Link between Public Intervention and Food Price Variability: Evidence from Rice Markets in the Philippines. <i>Pacific Economic Review</i> , 2002, 7, 545-554. | 0.7 | 2 |
| 81 | Agricultural policy for improved nutrition in Africa and Asia: evidence to guide the US Government's investments in food security. <i>Food Security</i> , 2015, 7, 747-750. | 2.4 | 2 |
| 82 | Association Between Restaurant Menu Item Descriptions and Their Nutrient Content. <i>American Journal of Preventive Medicine</i> , 2021, 60, 232-240. | 1.6 | 2 |
| 83 | Assessing Diet Quality Where Families Share Their Meals: Evidence from Malawi. <i>Journal of Nutrition</i> , 2021, 151, 3820-3830. | 1.3 | 2 |
| 84 | Impact of Caregiver Incentives on Child Health: Evidence from an Experiment with Anganwadi Workers in India. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 1 |
| 85 | Recovery without resilience? A novel way to measure nutritional resilience in Nepal, Bangladesh, and Uganda. <i>Global Food Security</i> , 2021, 31, 100573. | 4.0 | 1 |
| 86 | Performance Bonuses in the Public Sector: Winner-Take-All Prizes Versus Proportional Payments to Reduce Child Malnutrition in India. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 1 |
| 87 | From land grabs to land development. , 2017, , 56-81. | | 1 |
| 88 | Measuring the Cost of Dietary Diversity: Novel Price Indexes to Monitor Access to Nutritious Diets. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 1 |
| 89 | An African Growth Trap: Production Technology and the Time-Consistency of Agricultural Taxation, R&D and Investment. <i>SSRN Electronic Journal</i> , 2003, , . | 0.4 | 0 |
| 90 | Liberaliser l'agriculture mondiale? Théories, modèles et réalités. <i>European Review of Agricultural Economics</i> , 2006, 33, 441-443. | 1.5 | 0 |

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|-----|---|-----|-----------|
| 91 | Retail Food Prices Around the World: Systematic Assessment of Data From National Governments and International Agencies. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 92 | Measuring Resilience as Asymmetric Mean Reversion. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 93 | Economic development theories and strategies. , 2021, , 113-135. | | 0 |
| 94 | Economics of food demand. , 2021, , 45-66. | | 0 |
| 95 | Poverty, hunger, and health. , 2021, , 24-44. | | 0 |
| 96 | Inputs, finance, and risk. , 2021, , 290-312. | | 0 |
| 97 | Population and migration. , 2021, , 67-88. | | 0 |
| 98 | First Foods: Diet Quality Among Infants Aged 6â€“23 Months in 42 Countries. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 99 | Misreporting Month of Birth: Implications for Research on Nutrition and Early Childhood in Developing Countries. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 100 | Cost and Affordability of Nutritious Diets at Retail Prices: Evidence from 744 Foods in 159 Countries. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 101 | Can Shorter Mothers Have Taller Children? Nutritional Mobility, Health Equity and the Inter-Generational Transmission of Relative Height. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 102 | W<scp>illiam</scp> A. M<scp>asters</scp>. American Journal of Agricultural Economics, 2021, 103, 399-400. | 2.4 | 0 |
| 103 | Global Variation in the Cost of a Nutrient Adequate Diet by Population Group. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 104 | Global Inequality in Agriculture, Nutrition, and Health. SSRN Electronic Journal, 0, , . | 0.4 | 0 |