Derek R Byerlee

List of Publications by Year
in descending order

74	4,195	126858	143943
papers	citations	33 h-index	57 g-index

75	75	75	3319
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rising Global Interest in Farmland. , 2011, , .		591
2	The Rise of Large Farms in Land Abundant Countries: Do They Have a Future?. World Development, 2012, 40, 701-714.	2.6	255
3	Agriculture for Development: Toward a New Paradigm. Annual Review of Resource Economics, 2009, 1, 15-31.	1.5	226
4	Green Revolution research saved an estimated 18 to 27 million hectares from being brought into agricultural production. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8363-8368.	3.3	202
5	Does intensification slow crop land expansion or encourage deforestation?. Global Food Security, 2014, 3, 92-98.	4.0	200
6	The impacts of CGIAR research: A review of recent evidence. Food Policy, 2010, 35, 391-402.	2.8	143
7	Policies to promote cereal intensification in Ethiopia: The search for appropriate public and private roles. Food Policy, 2010, 35, 185-194.	2.8	134
8	Farmers' Stepwise Adoption of Technological Packages: Evidence from the Mexican Altiplano. American Journal of Agricultural Economics, 1986, 68, 519-527.	2.4	130
9	Productivity Growth and Sustainability in Post-Green Revolution Agriculture: The Case of the Indian and Pakistan Punjabs. World Bank Research Observer, 2001, 16, 199-218.	3.3	116
10	Genetic and agronomic contributions to yield gains: A case study for wheat. Field Crops Research, 1995, 44, 55-65.	2.3	114
11	Economic efficiency of small farmers in a changing world: A survey of recent evidence. Journal of International Development, 1991, 3, 1-27.	0.9	111
12	Accessing Modern Science: Policy and Institutional Options for Agricultural Biotechnology in Developing Countries. World Development, 2002, 30, 931-948.	2.6	109
13	Modern varieties, productivity, and sustainability: Recent experience and emerging challenges. World Development, 1996, 24, 697-718.	2.6	94
14	Technical change, productivity, and sustainability in irrigated cropping systems of South Asia: Emerging issues in the postâ€green revolution Era. Journal of International Development, 1992, 4, 477-496.	0.9	90
15	Managing food price risks and instability in a liberalizing market environment: Overview and policy options. Food Policy, 2006, 31, 275-287.	2.8	79
16	Technology Adoption in Intensive Postâ€Green Revolution Systems. American Journal of Agricultural Economics, 2005, 87, 1310-1316.	2.4	74
17	The Fall and Rise Again of Plantations in Tropical Asia: History Repeated?. Land, 2014, 3, 574-597.	1.2	72
18	Farming Systems Research: Issues in Research Strategy and Technology Design. American Journal of Agricultural Economics, 1982, 64, 897-904.	2.4	70

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19	Has the green revolution been sustained? The quantitative impact of the seed-fertilizer revolution in Pakistan revisited. World Development, 1994, 22, 1345-1361.	2.6	69
20	National and International Wheat Improvement Research in the Postâ€Green Revolution Period: Evolution and Impacts. American Journal of Agricultural Economics, 1995, 77, 268-278.	2.4	66
21	The Effects of Agricultural Technological Progress on Deforestation: What Do We Really Know?. Applied Economic Perspectives and Policy, 2014, 36, 211-237.	3.1	54
22	Wheat Rusts and the Costs of Genetic Diversity in the Punjab of Pakistan. American Journal of Agricultural Economics, 1997, 79, 726-737.	2.4	51
23	The SDG of zero hunger 75â€¯years on: Turning full circle on agriculture and nutrition. Global Food Security, 2019, 21, 52-59.	4.0	51
24	RELATIVE VARIABILITY IN WHEAT YIELDS ACROSS COUNTRIES AND OVER TIME. Journal of Agricultural Economics, 1990, 41, 21-32.	1.6	50
25	Spring Wheat Diversity in Irrigated Areas of Two Developing Countries. Crop Science, 1994, 34, 774-783.	0.8	49
26	Impacts of the training and visit extension system on farmers' knowledge and adoption of technology: Evidence from Pakistan. Agricultural Economics (United Kingdom), 1994, 10, 39-47.	2.0	45
27	Productivity Growth and Resource Degradation in Pakistanâ€™s Punjab: A Decomposition Analysis. Economic Development and Cultural Change, 2002, 50, 839-863.	0.9	45
28	Impacts of food crop improvement research: evidence from sub-Saharan Africa. Food Policy, 2000, 25, 531-559.	2.8	43
29	Maize Revolutions in Sub-Saharan Africa. , 2013, , 165-195.		43
30	Rural-Urban Migration in Africa: Theory, Policy and Research Implications. International Migration Review, 1974, 8, 543.	1.4	42
31	Technical Change, Labor Use, and Small Farmer Development: Evidence from Sierra Leone. American Journal of Agricultural Economics, 1976, 58, 874-880.	2.4	42
32	Past and potential impacts of maize research in sub-Saharan Africa: a critical assessment. Food Policy, 1996, 21, 255-277.	2.8	42
33	Factor Intensities and Locational Linkages of Rural Consumption Patterns in Sierra Leone. American Journal of Agricultural Economics, 1978, 60, 197-206.	2.4	41
34	Targeting poverty alleviation in priority setting for agricultural research. Food Policy, 2000, 25, 429-445.	2.8	40
35	A Jointâ€Product Analysis of the Adoption of Modern Cereal Varieties in Developing Countries. American Journal of Agricultural Economics, 1993, 75, 981-989.	2.4	39
36	Will Yield Improvements on the Forest Frontier Reduce Greenhouse Gas Emissions? A Global Analysis of Oil Palm. American Journal of Agricultural Economics, 2013, 95, 1301-1308.	2.4	37

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37	Growing Resource Scarcity and Global Farmland Investment. Annual Review of Resource Economics, 2013, 5, 13-34.	1.5	35
38	Sense and sustainability revisited: the limits of total factor productivity measures of sustainable agricultural systems. Agricultural Economics (United Kingdom), 2001, 26, 227-236.	2.0	33
39	The search for a new paradigm for the development of national agricultural research systems. World Development, 1998, 26, 1049-1055.	2.6	28
40	Efficiency of research investments in the presence of international spillovers: wheat research in developing countries. Agricultural Economics (United Kingdom), 2000, 22, 1-16.	2.0	28
41	From Public to Private Standards for Tropical Commodities: A Century of Global Discourse on Land Governance on the Forest Frontier. Forests, 2015, 6, 1301-1324.	0.9	28
42	The development of the international center model for agricultural research: A prehistory of the CGIAR. World Development, 2020, 135, 105080.	2.6	27
43	Research for marginal environments. Food Policy, 1993, 18, 381-393.	2.8	26
44	Food Pricing Policy in Developing Countries: Bias against Agriculture or for Urban Consumers?. American Journal of Agricultural Economics, 1986, 68, 961-969.	2.4	25
45	Reconciling conflicts in sequential cropping patterns through plant breeding: The example of cotton and wheat in Pakistan's Punjab. Agricultural Systems, 1987, 24, 291-304.	3.2	24
46	Agricultural Research Strategies for Favoured and Marginal Areas: the Experience of Farming Systems Research in Pakistan. Experimental Agriculture, 1993, 29, 155-171.	0.4	23
47	Economic Returns to Crop Management Research in a Postâ€Green Revolution Setting. American Journal of Agricultural Economics, 1992, 74, 573-582.	2.4	21
48	Technical Change and Returns to Wheat Breeding Research in Pakistan's Punjab in the Post-Green Revolution Period. Pakistan Development Review, 1993, 32, 69-86.	0.3	18
49	VALUE OF PREDICTORS OF UNCONTROLLED FACTORS IN RESPONSE FUNCTIONS. Australian Journal of Agricultural Economics, 1969, 13, 118-127.	0.6	17
50	Calculating levels of protection: Is it always appropriate to use world reference prices based on current trading status?. World Development, 1993, 21, 805-815.	2.6	16
51	A Macroâ€Economic Model for Agricultural Sector Analysis. American Journal of Agricultural Economics, 1974, 56, 520-533.	2.4	14
52	The Political Economy of Third World Food Imports: The Case of Wheat. Economic Development and Cultural Change, 1987, 35, 307-328.	0.9	13
53	Strengthening Linkages in Agricultural Research through a Farming Systems Perspective: The Role of Social Scientists. Experimental Agriculture, 1988, 24, 137-151.	0.4	13
54	Linking technical change to research effort: an examination of aggregation and spillovers effects. Agricultural Economics (United Kingdom), 2001, 24, 235-246.	2.0	13

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55	Narrowing the Wheat Gap in Sub-Saharan Africa: A Review of Consumption and Production Issues. Economic Development and Cultural Change, 1993, 41, 737-761.	0.9	12
56	The globalization of hybrid maize, 1921â€“70. Journal of Global History, 2020, 15, 101-122.	0.8	12
57	Econometric estimation of a global spillover matrix for wheat varietal technology. Agricultural Economics (United Kingdom), 1996, 14, 159-173.	2.0	10
58	From adaptive research to farmer recommendations and extension advice. Agricultural Administration and Extension, 1987, 27, 231-244.	0.1	9
59	Quantifying and Valuing the Joint Production of Grain and Fodder from Maize Fields: Evidence from Northern Pakistan. Experimental Agriculture, 1989, 25, 435-445.	0.4	8
60	Food Aid and Food Security: A Cautionary Note. Canadian Journal of Agricultural Economics, 1991, 39, 163-175.	1.2	8
61	Wheat in the world food economy. Food Policy, 1983, 8, 67-75.	2.8	6
62	Integrating Agronomic and Economic Perspectives into the Diagnostic Stage of On-farm Research. Experimental Agriculture, 1991, 27, 95-114.	0.4	6
63	Sustainability of the Rice-Wheat System in Pakistan's Punjab: How Large is the Problem?. ASA Special Publication, 0, , 77-95.	0.8	6
64	Plantations and Economic Development in the Twentieth Century: The End of an Era?. , 2018, , 89-117.		6
65	Employment-Output Conflicts, Factor-Price Distortions, and Choice of Technique: Empirical Results from Sierra Leone. Economic Development and Cultural Change, 1983, 31, 315-336.	0.9	5
66	Bread and butter issues in Ecuadorian food policy: A comparative advantage approach. World Development, 1989, 17, 1585-1596.	2.6	5
67	Relative food prices under structural adjustment. Food Policy, 1991, 16, 74-84.	2.8	5
68	Efficiency of research investments in the presence of international spillovers: wheat research in developing countries. Agricultural Economics (United Kingdom), 2000, 22, 1-16.	2.0	5
69	Critical Resource, Technology, and Environmental Issues for Meeting Future Grain Production Needs in Asia. American Journal of Agricultural Economics, 1997, 79, 1480-1484.	2.4	3
70	Role of Tractors, Tubewells and Plant Breeding in Increasing Cropping Intensity in Pakistan's Punjab. Agricultural Economics (United Kingdom), 1990, 4, 13-25.	2.0	2
71	Linking technical change to research effort: an examination of aggregation and spillovers effects. Agricultural Economics (United Kingdom), 2001, 24, 235-246.	2.0	2
72	Agricultural Biotechnology and the Poor: The Role of Development Assistance Agencies. , 2000, , 381-408.		1

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73	A Macroâ€Economic Model for Agricultural Sector Analysis: Errata. American Journal of Agricultural Economics, 1975, 57, 525-525.	2.4	0
74	Plantations versus the people: Explaining the diversity of land policies within the tropical British Empire. Portuguese Journal of Social Science, 2017, 16, 163-179.	0.2	0