

Rick S Llewellyn

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,563
citations

159585

30
h-index

149698

56
g-index

59
all docs

59
docs citations

59
times ranked

2746
citing authors

#	ARTICLE	IF	CITATIONS
1	Reducing the Risks of Herbicide Resistance: Best Management Practices and Recommendations. <i>Weed Science</i> , 2012, 60, 31-62.	1.5	786
2	Predicting farmer uptake of new agricultural practices: A tool for research, extension and policy. <i>Agricultural Systems</i> , 2017, 156, 115-125.	6.1	215
3	The farm-level economics of conservation agriculture for resource-poor farmers. <i>Agriculture, Ecosystems and Environment</i> , 2014, 187, 52-64.	5.3	178
4	Extensive use of no-tillage in grain growing regions of Australia. <i>Field Crops Research</i> , 2012, 132, 204-212.	5.1	170
5	Widespread occurrence of multiple herbicide resistance in Western Australian annual ryegrass (<i>Lolium rigidum</i>) populations. <i>Australian Journal of Agricultural Research</i> , 2007, 58, 711.	1.5	168
6	Adoption of variable rate fertiliser application in the Australian grains industry: status, issues and prospects. <i>Precision Agriculture</i> , 2012, 13, 181-199.	6.0	148
7	Factors influencing adoption of conservation tillage in Australian cropping regions*. <i>Australian Journal of Agricultural and Resource Economics</i> , 2008, 52, 169-182.	2.6	129
8	High Levels of Herbicide Resistance in Rigid Ryegrass (<i>Lolium rigidum</i>) in the Wheat Belt of Western Australia ¹ . <i>Weed Technology</i> , 2001, 15, 242-248.	0.9	125
9	Adoption of conservation tillage in Australian cropping regions: An application of duration analysis. <i>Technological Forecasting and Social Change</i> , 2006, 73, 630-647.	11.6	111
10	Stepwise frameworks for understanding the utilisation of conservation agriculture in Africa. <i>Agricultural Systems</i> , 2017, 153, 11-22.	6.1	77
11	Information quality and effectiveness for more rapid adoption decisions by farmers. <i>Field Crops Research</i> , 2007, 104, 148-156.	5.1	75
12	Grain grower perceptions and use of integrated weed management. <i>Australian Journal of Experimental Agriculture</i> , 2004, 44, 993.	1.0	74
13	Are farmers in low-rainfall cropping regions under-fertilising with nitrogen? A risk analysis. <i>Agricultural Systems</i> , 2013, 116, 37-51.	6.1	72
14	Farmer risk-aversion limits closure of yield and profit gaps: A study of nitrogen management in the southern Australian wheatbelt. <i>Agricultural Systems</i> , 2015, 137, 108-118.	6.1	65
15	High Levels of Adoption Indicate That Harvest Weed Seed Control Is Now an Established Weed Control Practice in Australian Cropping. <i>Weed Technology</i> , 2017, 31, 341-347.	0.9	61
16	No-tillage adoption decisions in southern Australian cropping and the role of weed management. <i>Australian Journal of Experimental Agriculture</i> , 2006, 46, 563.	1.0	59
17	Resistance and the herbicide resource: perceptions of Western Australian grain growers. <i>Crop Protection</i> , 2002, 21, 1067-1075.	2.1	57
18	Nitrogen cycling in summer active perennial grass systems in South Australia: non-symbiotic nitrogen fixation. <i>Crop and Pasture Science</i> , 2014, 65, 1044.	1.5	54

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19	Global learnings to inform the local adaptation of conservation agriculture in Eastern and Southern Africa. <i>Global Food Security</i> , 2018, 17, 213-220.	8.1	51
20	Multiple herbicide resistance in barnyardgrass (<i>Echinochloa crus-galli</i>) in direct-seeded rice in the Philippines. <i>International Journal of Pest Management</i> , 2010, 56, 299-307.	1.8	50
21	The Adopters versus the Technology: Which Matters More when Predicting or Explaining Adoption?. <i>Applied Economic Perspectives and Policy</i> , 2020, 42, 80-91.	5.6	50
22	Negative evaluation of conservation agriculture: perspectives from African smallholder farmers. <i>International Journal of Agricultural Sustainability</i> , 2017, 15, 467-481.	3.5	48
23	Herbicide resistance and the adoption of integrated weed management by Western Australian grain growers. <i>Agricultural Economics (United Kingdom)</i> , 2007, 36, 123-130.	3.9	46
24	Controlling Within-Field Sheep Movement Using Virtual Fencing. <i>Animals</i> , 2018, 8, 31.	2.3	41
25	Developing an Ethically Acceptable Virtual Fencing System for Sheep. <i>Animals</i> , 2018, 8, 33.	2.3	40
26	Constraints to the utilisation of conservation agriculture in Africa as perceived by agricultural extension service providers. <i>Land Use Policy</i> , 2018, 73, 331-340.	5.6	39
27	Targeting key perceptions when planning and evaluating extension. <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 1627.	1.0	38
28	Expected mobility of herbicide resistance via weed seeds and pollen in a Western Australian cropping region. <i>Crop Protection</i> , 2006, 25, 520-526.	2.1	37
29	Understanding the Adoption of Innovations in Agriculture: A Review of Selected Conceptual Models. <i>Agronomy</i> , 2021, 11, 139.	3.0	37
30	Economics of pre-emptive management to avoid weed resistance to glyphosate in Australia. <i>Crop Protection</i> , 2005, 24, 659-665.	2.1	34
31	Predicting Adoption of Innovations by Farmers: What is Different in Smallholder Agriculture?. <i>Applied Economic Perspectives and Policy</i> , 2020, 42, 100-112.	5.6	34
32	Virtual Fencing Technology Excludes Beef Cattle from an Environmentally Sensitive Area. <i>Animals</i> , 2020, 10, 1069.	2.3	31
33	Break-crop effects on wheat production across soils and seasons in a semi-arid environment. <i>Crop and Pasture Science</i> , 2015, 66, 566.	1.5	27
34	Prospects for yield improvement in the Australian wheat industry: a perspective. <i>Food and Energy Security</i> , 2016, 5, 107-122.	4.3	27
35	Adoption pathway analysis: Representing the dynamics and diversity of adoption for agricultural practices. <i>Agricultural Systems</i> , 2021, 191, 103173.	6.1	26
36	Herbicide Resistance in Rigid Ryegrass (<i>Lolium rigidum</i>) Has Not Led to Higher Weed Densities in Western Australian Cropping Fields. <i>Weed Science</i> , 2009, 57, 61-65.	1.5	23

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37	Why do information gaps persist in African smallholder agriculture? Perspectives from farmers lacking exposure to conservation agriculture. <i>Journal of Agricultural Education and Extension</i> , 2018, 24, 191-208.	2.2	22
38	Long-term cropping system studies support intensive and responsive cropping systems in the low-rainfall Australian Mallee. <i>Crop and Pasture Science</i> , 2015, 66, 553.	1.5	20
39	Social influence on the effectiveness of virtual fencing in sheep. <i>PeerJ</i> , 2020, 8, e10066.	2.0	20
40	Further participatory adaptation is required for community leaders to champion conservation agriculture in Africa. <i>International Journal of Agricultural Sustainability</i> , 2018, 16, 286-296.	3.5	19
41	Summer-growing perennial grasses are a potential new feed source in the low rainfall environment of southern Australia. <i>Crop and Pasture Science</i> , 2014, 65, 1033.	1.5	16
42	Research capacity for local innovation: the case of conservation agriculture in Ethiopia, Malawi and Mozambique. <i>Journal of Agricultural Education and Extension</i> , 2018, 24, 249-262.	2.2	16
43	Who will benefit from big data? Farmers' perspective on willingness to share farm data. <i>Journal of Rural Studies</i> , 2021, 88, 346-353.	4.7	16
44	Challenges and opportunities for grain farming on sandy soils of semi-arid south and south-eastern Australia. <i>Soil Research</i> , 2020, 58, 323.	1.1	15
45	From interest to implementation: exploring farmer progression of conservation agriculture in Eastern and Southern Africa. <i>Environment, Development and Sustainability</i> , 2020, 22, 3159-3177.	5.0	14
46	Selecting higher nutritive value annual pasture legumes increases the profitability of sheep production. <i>Agricultural Systems</i> , 2021, 194, 103272.	6.1	14
47	Pathways to intensify the utilization of conservation agriculture by African smallholder farmers. <i>Renewable Agriculture and Food Systems</i> , 2019, 34, 558-570.	1.8	13
48	Using a Choice Experiment to Improve Decision Support Tool Design. <i>Applied Economic Perspectives and Policy</i> , 2014, 36, 351-371.	5.6	10
49	Assessing the Potential for Zone-specific Management of Cereals in Low-Rainfall South-Eastern Australia: Combining On-Farm Results and Simulation Analysis. <i>Journal of Agronomy and Crop Science</i> , 2017, 203, 14-28.	3.5	10
50	Opportunities for plant improvement to increase the value of forage shrubs on low-rainfall mixed farms. <i>Crop and Pasture Science</i> , 2014, 65, 1057.	1.5	10
51	Simulation of water-limited growth of the forage shrub saltbush (<i>Atriplex nummularia</i> Lindl.) in a low-rainfall environment of southern Australia. <i>Crop and Pasture Science</i> , 2014, 65, 1068.	1.5	9
52	Farmer interest in joint venture structures in the Australian broadacre grains sector. <i>Agribusiness</i> , 2018, 34, 472-491.	3.4	8
53	Developing the role of perennial forages for crop-livestock farms: a strategic multi-disciplinary approach. <i>Crop and Pasture Science</i> , 2014, 65, 945.	1.5	8
54	Engaging project proponents in R&D evaluation using bio-economic and socio-economic tools. <i>Agricultural Systems</i> , 2012, 108, 94-103.	6.1	6

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55	The Wisdom of Farm Advisors: Knowing Who and Knowing Why. SSRN Electronic Journal, 0, , .	0.4	5
56	Combined application of nitrogen and phosphorus to enhance nitrogen use efficiency and close the wheat yield gap on varying soils in semi-arid conditions. Journal of Agronomy and Crop Science, 2019, 205, 635-646.	3.5	5
57	What farmer types are most likely to adopt joint venture farm business structures?. Australian Journal of Agricultural and Resource Economics, 2019, 63, 881-896.	2.6	4
58	The Key Social Processes Sustaining the Farmer/Adviser Relationship. SSRN Electronic Journal, 0, , .	0.4	0