

# Hayley C Norman

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,103  
citations

516710  
16  
h-index

414414  
32  
g-index

37  
all docs

37  
docs citations

37  
times ranked

970  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosaline agriculture for forage and livestock production. <i>Agriculture, Ecosystems and Environment</i> , 2007, 119, 234-248.	5.3	168
2	<i>Asparagopsis taxiformis</i> decreases enteric methane production from sheep. <i>Animal Production Science</i> , 2018, 58, 681.	1.3	123
3	Halophytes as forages in saline landscapes: Interactions between plant genotype and environment change their feeding value to ruminants. <i>Environmental and Experimental Botany</i> , 2013, 92, 96-109.	4.2	96
4	Potential use of oldman saltbush ( <i>Atriplex nummularia</i> Lindl.) in sheep and goat feeding. <i>Small Ruminant Research</i> , 2010, 91, 13-28.	1.2	89
5	Feed intake and production in sheep fed diets high in sodium and potassium. <i>Australian Journal of Agricultural Research</i> , 2005, 56, 427.	1.5	78
6	Variation within and between two saltbush species in plant composition and subsequent selection by sheep. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 999.	1.5	54
7	Hardseededness in annual clovers: variation between populations from wet and dry environments. <i>Australian Journal of Agricultural Research</i> , 2002, 53, 821.	1.5	42
8	Stable carbon isotopes accurately predict diet selection by sheep fed mixtures of C3 annual pastures and saltbush or C4 perennial grasses. <i>Livestock Science</i> , 2009, 121, 162-172.	1.6	42
9	Sheep production, plant growth and nutritive value of a saltbush-based pasture system subject to rotational grazing or set stocking. <i>Small Ruminant Research</i> , 2010, 91, 103-109.	1.2	35
10	Agricultural Systems for Saline Soil: The Potential Role of Livestock. <i>Asian-Australasian Journal of Animal Sciences</i> , 2005, 18, 296-300.	2.4	35
11	Australian perennial shrub species add value to the feed base of grazing livestock in low- to medium-rainfall zones. <i>Animal Production Science</i> , 2013, 53, 1221.	1.3	30
12	Annual clovers ( <i>Trifolium</i> spp.) have different reproductive strategies to achieve persistence in Mediterranean-type climates. <i>Australian Journal of Agricultural Research</i> , 2005, 56, 33.	1.5	24
13	The potential of a salt-tolerant plant ( <i>Distichlis spicata</i> cv. NyPa Forage) to treat effluent from inland saline aquaculture and provide livestock feed on salt-affected farmland. <i>Science of the Total Environment</i> , 2013, 445-446, 192-201.	8.0	23
14	Broad near-infrared spectroscopy calibrations can predict the nutritional value of >100 forage species within the Australian feedbase. <i>Animal Production Science</i> , 2020, 60, 1111.	1.3	22
15	Variation in seed softening patterns and impact of seed production environment on hardseededness in early-maturing genotypes of subterranean clover. <i>Australian Journal of Agricultural Research</i> , 2006, 57, 65.	1.5	21
16	Minerals in pastures—are we meeting the needs of livestock?. <i>Crop and Pasture Science</i> , 2019, 70, 1184.	1.5	17
17	Hardseededness in annual clovers: variation within populations and subsequent shifts due to environmental changes. <i>Australian Journal of Agricultural Research</i> , 2002, 53, 831.	1.5	16
18	Preliminary assessment of bladder clover ( <i>Trifolium spumosum</i> L.) as an annual legume for ley farming systems in southern Australia. <i>Crop and Pasture Science</i> , 2012, 63, 582.	1.5	16

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19	The source of nitrogen (NH <sub>4</sub> <sup>+</sup> or NO <sub>3</sub> <sup>-</sup> ) affects the concentration of oxalate in the shoots and the growth of <i>Atriplex nummularia</i> (oldman saltbush). <i>Functional Plant Biology</i> , 2013, 40, 1057.	2.1	16
20	The relative feeding value of a new pasture legume, eastern star clover ( <i>Trifolium dasyurum</i> ), compared with subterranean clover ( <i>Trifolium subterraneum</i> ). <i>Australian Journal of Agricultural Research</i> , 2005, 56, 637.	1.5	14
21	The nutritive value of river saltbush ( <i>Atriplex amnicola</i> ) when grown in different concentrations of sodium chloride irrigation solution. <i>Small Ruminant Research</i> , 2010, 91, 56-62.	1.2	14
22	Productivity and nutritional value of 20 species of perennial legumes in a low-rainfall Mediterranean-type environment in southern Australia. <i>Grass and Forage Science</i> , 2021, 76, 134-158.	2.9	14
23	Selecting higher nutritive value annual pasture legumes increases the profitability of sheep production. <i>Agricultural Systems</i> , 2021, 194, 103272.	6.1	14
24	Small effects of deferment of annual pastures through grazing spring wheat crops in Western Australia can benefit livestock productivity. <i>Crop and Pasture Science</i> , 2015, 66, 410.	1.5	13
25	Use of functional traits to identify Australian forage grasses, legumes and shrubs for domestication and use in pastoral areas under a changing climate. <i>Crop and Pasture Science</i> , 2015, 66, 71.	1.5	13
26	Improving saltland revegetation through understanding the "recruitment niche": potential lessons for ecological restoration in extreme environments. <i>Restoration Ecology</i> , 2016, 24, S91.	2.9	11
27	Sheep grazing bladder clover ( <i>Trifolium spumosum</i> L.) had similar productivity and meat quality to sheep grazing subterranean clover ( <i>Trifolium subterraneum</i> L.). <i>Animal Production Science</i> , 2013, 53, 209.	1.3	10
28	Halophytic shrubs accumulate minerals associated with antioxidant pathways. <i>Grass and Forage Science</i> , 2019, 74, 345-355.	2.9	10
29	An on-farm evaluation of the capability of saline land for livestock production in southern Australia. <i>Animal Production Science</i> , 2009, 49, 79.	1.3	9
30	Cattle performed as well as sheep when grazing a river saltbush ( <i>Atriplex amnicola</i> )-based pasture. <i>Animal Production Science</i> , 2009, 49, 998.	1.3	9
31	Cereal and oil seed crops response to organic nitrogen when grown in rotation with annual aerial-seeded pasture legumes. <i>Journal of Agricultural Science</i> , 2022, 160, 207-219.	1.3	6
32	Genetic and Environmental Management of Halophytes for Improved Livestock Production. , 2016, , 243-257.		5
33	Influence of stocking rate and phosphate fertiliser application on the composition of annual legume seedbanks within a Mediterranean grassland. <i>Crop and Pasture Science</i> , 2010, 61, 988.	1.5	4
34	Backgrounding lambs on saltbush provides an effective source of Vitamin E that can prevent Vitamin E deficiency and reduce the incidence of subclinical nutritional myopathy during summer and autumn. <i>Animal Production Science</i> , 2013, 53, 247.	1.3	4
35	Modelling the comparative growth, water use and productivity of the perennial legumes, tedera ( <i>Bituminaria bituminosa</i> var. <i>albomarginata</i> ) and lucerne ( <i>Medicago sativa</i> ) in dryland mixed farming systems. <i>Crop and Pasture Science</i> , 2017, 68, 643.	1.5	3
36	Populations of two annual clover species evolved in response to 13 years of grazing management and phosphate fertilizer application. <i>Grass and Forage Science</i> , 2020, 75, 64-75.	2.9	2

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37	The impact of supplementation with <i>Rhagodia preissii</i> and <i>Atriplex nummularia</i> on wool production, mineral balance and enteric methane emissions of Merino sheep. Grass and Forage Science, 2018, 73, 381-391.	2.9	1