Hayley C Norman

List of Publications by Year
in descending order

37 papers	1,103 citations	516681 16 h-index	414395 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. Agriculture, Ecosystems and Environment, 2007, 119, 234-248.	5.3	168
2	Asparagopsis taxiformis decreases enteric methane production from sheep. Animal Production Science, 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. Environmental and Experimental Botany, 2013, 92, 96-109.	4.2	96
4	Potential use of oldman saltbush (Atriplex nummularia Lindl.) in sheep and goat feeding. Small Ruminant Research, 2010, 91, 13-28.	1.2	89
5	Feed intake and production in sheep fed diets high in sodium and potassium. Australian Journal of Agricultural Research, 2005, 56, 427.	1.5	78
6	Variation within and between two saltbush species in plant composition and subsequent selection by sheep. Australian Journal of Agricultural Research, 2004, 55, 999.	1.5	54
7	Hardseededness in annual clovers: variation between populations from wet and dry environments. Australian Journal of Agricultural Research, 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. Livestock Science, 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. Small Ruminant Research, 2010, 91, 103-109.	1.2	35
10	Agricultural Systems for Saline Soil: The Potential Role of Livestock. Asian-Australasian Journal of Animal Sciences, 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. Animal Production Science, 2013, 53, 1221.	1.3	30
12	Annual clovers (Trifolium spp.) have different reproductive strategies to achieve persistence in Mediterranean-type climates. Australian Journal of Agricultural Research, 2005, 56, 33.	1.5	24
13	The potential of a salt-tolerant plant (Distichlis spicata cv. NyPa Forage) to treat effluent from inland saline aquaculture and provide livestock feed on salt-affected farmland. Science of the Total Environment, 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. Animal Production Science, 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. Australian Journal of Agricultural Research, 2006, 57, 65.	1.5	21
16	Minerals in pasturesâ€"are we meeting the needs of livestock?. Crop and Pasture Science, 2019, 70, 1184.	1.5	17
17	Hardseededness in annual clovers: variation within populations and subsequent shifts due to environmental changes. Australian Journal of Agricultural Research, 2002, 53, 831.	1.5	16
18	Preliminary assessment of bladder clover (Trifolium spumosum L.) as an annual legume for ley farming systems in southern Australia. Crop and Pasture Science, 2012, 63, 582.	1.5	16

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19	The source of nitrogen (NH4+ or NO3â€“) affects the concentration of oxalate in the shoots and the growth of Atriplex nummularia (oldman saltbush). Functional Plant Biology, 2013, 40, 1057.	2.1	16
20	The relative feeding value of a new pasture legume, eastern star clover (Trifolium dasyurum), compared with subterranean clover (Trifolium subterraneum). Australian Journal of Agricultural Research, 2005, 56, 637.	1.5	14
21	The nutritive value of river saltbush (Atriplex amnicola) when grown in different concentrations of sodium chloride irrigation solution. Small Ruminant Research, 2010, 91, 56-62.	1.2	14
22	Productivity and nutritional value of 20 species of perennial legumes in a lowâ€rainfall Mediterraneanâ€type environment in southern Australia. Grass and Forage Science, 2021, 76, 134-158.	2.9	14
23	Selecting higher nutritive value annual pasture legumes increases the profitability of sheep production. Agricultural Systems, 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. Crop and Pasture Science, 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. Crop and Pasture Science, 2015, 66, 71.	1.5	13
26	Improving saltland revegetation through understanding the â€œrecruitment nicheâ€: potential lessons for ecological restoration in extreme environments. Restoration Ecology, 2016, 24, S91.	2.9	11
27	Sheep grazing bladder clover (Trifolium spumosum L.) had similar productivity and meat quality to sheep grazing subterranean clover (Trifolium subterraneum L.). Animal Production Science, 2013, 53, 209.	1.3	10
28	Halophytic shrubs accumulate minerals associated with antioxidant pathways. Grass and Forage Science, 2019, 74, 345-355.	2.9	10
29	An on-farm evaluation of the capability of saline land for livestock production in southern Australia. Animal Production Science, 2009, 49, 79.	1.3	9
30	Cattle performed as well as sheep when grazing a river saltbush (Atriplex amnicola)-based pasture. Animal Production Science, 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. Journal of Agricultural Science, 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. Crop and Pasture Science, 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. Animal Production Science, 2013, 53, 247.	1.3	4
35	Modelling the comparative growth, water use and productivity of the perennial legumes, tedera (Bituminaria bituminosa var. albomarginata) and lucerne (Medicago sativa) in dryland mixed farming systems. Crop and Pasture Science, 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. Grass and Forage Science, 2020, 75, 64-75.	2.9	2

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