

Anne Kjersti Bakken

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

594
citations

759233

12
h-index

610901

24
g-index

34
all docs

34
docs citations

34
times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	Regional trends for bud burst and flowering of woody plants in Norway as related to climate change. <i>International Journal of Biometeorology</i> , 2008, 52, 625-639.	3.0	69
2	Crushed rocks and mine tailings applied as K fertilizers on grassland. <i>Nutrient Cycling in Agroecosystems</i> , 2000, 56, 53-57.	2.2	62
3	Diurnal variation in uptake and xylem contents of inorganic and assimilated N under continuous and interrupted N supply to <i>Phleum pratense</i> and <i>Festuca pratensis</i> . <i>Journal of Experimental Botany</i> , 2003, 54, 431-444.	4.8	57
4	Effects of green manure herbage management and its digestate from biogas production on barley yield, N recovery, soil structure and earthworm populations. <i>European Journal of Agronomy</i> , 2014, 52, 90-102.	4.1	56
5	The potential of crushed rocks and mine tailings as slow-releasing K fertilizers assessed by intensive cropping with Italian ryegrass in different soil types. <i>Nutrient Cycling in Agroecosystems</i> , 1996, 47, 41-48.	2.2	42
6	Environmental impacts of combined milk and meat production in Norway according to a life cycle assessment with expanded system boundaries. <i>Livestock Science</i> , 2013, 155, 384-396.	1.6	42
7	Tolerance to frost and ice encasement in cultivars of timothy and perennial ryegrass during winter. <i>Grass and Forage Science</i> , 2010, 65, 431-445.	2.9	35
8	Effects of tractor weight, wheel placement and depth of ploughing on the infestation of perennial weeds in organically farmed cereals. <i>European Journal of Agronomy</i> , 2011, 34, 239-246.	4.1	28
9	Effect of infection by the endophytic fungus <i>Acremonium lolii</i> on growth and nitrogen uptake by perennial ryegrass (<i>Lolium perenne</i>) in flowing solution culture. <i>Annals of Applied Biology</i> , 1996, 129, 451-460.	2.5	22
10	Forage yield and quality estimation by means of UAV and hyperspectral imaging. <i>Precision Agriculture</i> , 2021, 22, 1437-1463.	6.0	20
11	Accumulation and Loss of Nitrogen in White Clover (<i>Trifolium repens</i> L.) Plant Organs as Affected by Defoliation Regime on Two Sites in Norway. <i>Plant and Soil</i> , 2006, 282, 165-182.	3.7	18
12	Dynamics of nitrogen remobilization in defoliated <i>Phleum pratense</i> and <i>Festuca pratensis</i> under short and long photoperiods. <i>Physiologia Plantarum</i> , 1998, 103, 426-436.	5.2	13
13	Environmental Impact of Feeding with Infant Formula in Comparison with Breastfeeding. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6397.	2.6	13
14	Environmental impacts along intensity gradients in Norwegian dairy production as evaluated by life cycle assessments. <i>Agricultural Systems</i> , 2017, 158, 50-60.	6.1	12
15	Morphology and field performance of Brassica transplants propagated under different day and night temperature regimes. <i>Scientia Horticulturae</i> , 1995, 61, 167-176.	3.6	11
16	Soil reaction, yields and herbage element content as affected by lime applied on established leys in a multi-site field trial. <i>Journal of Agricultural Science</i> , 2005, 143, 407-420.	1.3	11
17	The profitability of harvesting grass silages at early maturity stages: An analysis of dairy farming systems in Norway. <i>Agricultural Systems</i> , 2015, 136, 85-95.	6.1	8
18	Structure Determination of 6-Hydroxycyanidin- and 6-Hydroxydelphinidin-3-(6''-O-alpha-L-rhamnopyranosyl-beta-D-glucopyranosides) and Other Anthocyanins from <i>Alstroemeria</i> Cultivars.. <i>Acta Chemica Scandinavica</i> , 1997, 51, 108-112.	0.7	8

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19	Protein characteristics in grass-clover silages according to wilting rate and fermentation pattern. <i>Grass and Forage Science</i> , 2017, 72, 626-639.	2.9	7
20	Losses and grass silage quality in bunker silos compacted by tractor versus wheel loader. <i>Animal Feed Science and Technology</i> , 2020, 266, 114523.	2.2	7
21	Breeding for intercropping: the case of red clover persistence in grasslands. <i>Euphytica</i> , 2022, 218, .	1.2	7
22	Changes in fibre content and degradability during preservation of grass-clover crops. <i>Animal Feed Science and Technology</i> , 2011, 168, 122-130.	2.2	6
23	Abundance and diversity of spiders (Araneae) in barley and young leys. <i>Journal of Arachnology</i> , 2013, 41, 168-175.	0.5	5
24	Variation in rate of phenological development and morphology between red clover varieties: Implications for clover proportion and feed quality in mixed swards. <i>Grass and Forage Science</i> , 2019, 74, 403-414.	2.9	5
25	Effect of acid based additive treatment of low dry matter grass crops on losses and silage quality in bunker silos. <i>Animal Feed Science and Technology</i> , 2021, 275, 114869.	2.2	5
26	Optimizing the lighting regime for <i>Alstroemeria</i> with respect to photoperiod and fluence rates. <i>Scientia Horticulturae</i> , 1999, 80, 225-233.	3.6	4
27	Transition through the taprooted growth stage in white clover as related to temperature. <i>Grass and Forage Science</i> , 2005, 60, 103-106.	2.9	4
28	The relationship between frost tolerance and generative induction in winter wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	0.9	4
29	Yield and herbage quality from organic grass clover leys—a meta-analysis of Norwegian field trials. <i>Organic Agriculture</i> , 2016, 6, 307-322.	2.4	4
30	Forage production strategies for improved profitability in organic dairy production at high latitudes. <i>Livestock Science</i> , 2019, 223, 97-107.	1.6	4
31	Light intensive production of <i>Alstroemeria</i> under different combinations of air and soil temperature. <i>Scientia Horticulturae</i> , 1997, 68, 137-143.	3.6	2
32	Bunkers or round bales: Losses and silage quality with or without acid treatment of low dry matter grass crops. <i>Animal Feed Science and Technology</i> , 2021, 275, 114868.	2.2	2
33	<i>Alstroemeria</i> production is influenced by thinning method and frequency. <i>Scientia Horticulturae</i> , 2000, 85, 285-293.	3.6	1
34	Comments on the recently published study: “Compositional differences in soybeans on the market: Glyphosate accumulates in Roundup Ready GM soybeans”, by T. BÅhn, M. Cuhra, T. Traavik, M. Sanden, J. Fagan and R. Primicerio (<i>Food Chemistry</i> 2014, 153: 207–215). <i>Food Chemistry</i> , 2015, 172, 921-923.	8.2	0