

Henning Hgh Jensen

List of Publications by Citations

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56
papers

2,265
citations

28
h-index

47
g-index

56
ext. papers

2,435
ext. citations

4.1
avg, IF

4.77
L-index

#	Paper	IF	Citations
56	Rhizodeposition of nitrogen by red clover, white clover and ryegrass leys. <i>Soil Biology and Biochemistry</i> , 2001 , 33, 439-448	7.5	127
55	Nitrogen transfer from forage legumes to nine neighbouring plants in a multi-species grassland. <i>Plant and Soil</i> , 2012 , 350, 71-84	4.2	123
54	Interactions between white clover and ryegrass under contrasting nitrogen availability: N ₂ fixation, N fertilizer recovery, N transfer and water use efficiency. <i>Plant and Soil</i> , 1997 , 197, 187-199	4.2	112
53	An empirical model for quantification of symbiotic nitrogen fixation in grass-clover mixtures. <i>Agricultural Systems</i> , 2004 , 82, 181-194	6.1	110
52	The influence of phosphorus deficiency on growth and nitrogen fixation of white clover plants. <i>Annals of Botany</i> , 2002 , 90, 745-53	4.1	105
51	Measurement of biological dinitrogen fixation in grassland: Comparison of the enriched 15N dilution and the natural 15N abundance methods at different nitrogen application rates and defoliation frequencies. <i>Plant and Soil</i> , 1994 , 166, 153-163	4.2	98
50	Nitrogen leaching from conventional versus organic farming systems & systems modelling approach. <i>European Journal of Agronomy</i> , 2000 , 13, 65-82	5	97
49	Below-ground nitrogen transfer between different grassland species: Direct quantification by 15N leaf feeding compared with indirect dilution of soil 15N. <i>Plant and Soil</i> , 2000 , 227, 171-183	4.2	91
48	Biological nitrogen fixation and nitrogen and phosphorus budgets in farmer-managed intercrops of maize&pea in semi-arid southern and eastern Africa. <i>Plant and Soil</i> , 2007 , 295, 127-136	4.2	82
47	Life Cycle Assessment of fossil energy use and greenhouse gas emissions in Chinese pear production. <i>Journal of Cleaner Production</i> , 2010 , 18, 1423-1430	10.3	80
46	Intercropping of Wheat and Pea as Influenced by Nitrogen Fertilization. <i>Nutrient Cycling in Agroecosystems</i> , 2005 , 73, 201-212	3.3	77
45	Forage herbs improve mineral composition of grassland herbage. <i>Grass and Forage Science</i> , 2011 , 66, 415-423	2.3	66
44	In situ carbon and nitrogen dynamics in ryegrass&lover mixtures: Transfers, deposition and leaching. <i>Soil Biology and Biochemistry</i> , 2007 , 39, 804-815	7.5	66
43	Turnover of organic matter in a Miscanthus field: effect of time in Miscanthus cultivation and inorganic nitrogen supply. <i>Soil Biology and Biochemistry</i> , 2004 , 36, 1075-1085	7.5	62
42	Carbon sequestration potential of organic agriculture in northern Europe & modelling approach. <i>Nutrient Cycling in Agroecosystems</i> , 2004 , 68, 13-24	3.3	59
41	Yields and accumulations of N and P in farmer-managed intercrops of maize&pea in semi-arid Africa. <i>Plant and Soil</i> , 2006 , 285, 207-220	4.2	56
40	The Nitrogen Transfer Between Plants: An Important but Difficult Flux to Quantify. <i>Plant and Soil</i> , 2006 , 282, 1-5	4.2	55

39	Morphological Plasticity by Crop Plants and Their Potassium Use Efficiency. <i>Journal of Plant Nutrition</i> , 2003 , 26, 969-984	2.3	53
38	Consequences of including adapted white clover in northern European grassland: transfer and deposition of nitrogen. <i>Plant and Soil</i> , 2007 , 297, 93-104	4.2	51
37	Certified organic agriculture in China and Brazil: Market accessibility and outcomes following adoption. <i>Ecological Economics</i> , 2010 , 69, 1785-1793	5.6	46
36	A Simple Model for Estimation of Atmospherically-Derived Nitrogen in Grass-Clover Systems. <i>Biological Agriculture and Horticulture</i> , 1995 , 12, 263-276	1.6	37
35	Productivity and quality, competition and facilitation of chicory in ryegrass/legume-based pastures under various nitrogen supply levels. <i>European Journal of Agronomy</i> , 2006 , 24, 247-256	5	35
34	Stress in Ecological Systems. <i>Oikos</i> , 1999 , 86, 179	4	34
33	The effect of potassium deficiency on growth and N ₂ -fixation in <i>Trifolium repens</i> . <i>Physiologia Plantarum</i> , 2003 , 119, 440-449	4.6	33
32	Sexually transmitted infections manifesting as proctitis. <i>Frontline Gastroenterology</i> , 2013 , 4, 32-40	2.6	30
31	A field study of nitrogen dynamics and spring barley growth as affected by the quality of incorporated residues from white clover and ryegrass. <i>Plant and Soil</i> , 1998 , 203, 91-101	4.2	30
30	Variations in the natural abundance of ¹⁵ N in ryegrass/white clover shoot material as influenced by cattle grazing. <i>Plant and Soil</i> , 1998 , 205, 67-76	4.2	30
29	Effects of cropping history and phosphorus source on yield and nitrogen fixation in sole and intercropped cowpea/maize systems. <i>Nutrient Cycling in Agroecosystems</i> , 2008 , 80, 61-73	3.3	29
28	Micronutrient Density and Stability in West African Pearl Millet Potential for Biofortification. <i>Crop Science</i> , 2014 , 54, 1709-1720	2.4	26
27	Kinetics of nitrate and ammonium absorption and accompanying H ⁺ fluxes in roots of <i>Lolium perenne</i> L. and N ₂ -fixing <i>Trifolium repens</i> L.. <i>Plant, Cell and Environment</i> , 1997 , 20, 1184-1192	8.4	26
26	Cowpea N rhizodeposition and its below-ground transfer to a co-existing and to a subsequent millet crop on a sandy soil of the Sudano-Sahelian eco-zone. <i>Plant and Soil</i> , 2011 , 340, 369-382	4.2	25
25	Energy Use in Organic, Green and Conventional Pear Producing Systems Cases from China. <i>Agroecology and Sustainable Food Systems</i> , 2010 , 34, 630-646		24
24	A comparative study of farm nutrient budgets and nutrient flows of certified organic and non-organic farms in China, Brazil and Egypt. <i>Nutrient Cycling in Agroecosystems</i> , 2010 , 87, 455-470	3.3	23
23	Fate of ¹⁵ N and ¹⁴ C from labelled plant material: Recovery in perennial ryegrass/clover mixtures and in pore water of the sward. <i>Soil Biology and Biochemistry</i> , 2008 , 40, 3031-3039	7.5	21
22	Root size fractions of ryegrass and clover contribute differently to C and N inclusion in SOM. <i>Biology and Fertility of Soils</i> , 2010 , 46, 293-297	6.1	20

21	Organic farm conventionalisation and farmer practices in China, Brazil and Egypt. <i>Agronomy for Sustainable Development</i> , 2011 , 31, 689-698	6.8	18
20	Residual nitrogen effect of clover-ryegrass swards on yield and N uptake of a subsequent winter wheat crop as studied by use of 15N methodology and mathematical modelling. <i>European Journal of Agronomy</i> , 1997 , 6, 235-243	5	18
19	Simultaneous Uptake of Multiple Amino Acids by Wheat. <i>Journal of Plant Nutrition</i> , 2009 , 32, 725-740	2.3	17
18	Variation in Phosphorus Uptake and Use Efficiencies Between Pigeonpea Genotypes and Cowpea. <i>Journal of Plant Nutrition</i> , 2006 , 29, 1869-1888	2.3	17
17	Nitrogen rhizodeposition from soybean (<i>Glycine max</i>) and its impact on nutrient budgets in two contrasting environments of the Guinean savannah zone of Nigeria. <i>Nutrient Cycling in Agroecosystems</i> , 2009 , 84, 49-58	3.3	16
16	Interactions between nitrogen, phosphorus and potassium determine growth and N ₂ -fixation in white clover and ryegrass leys. <i>Nutrient Cycling in Agroecosystems</i> , 2010 , 87, 327-338	3.3	16
15	Estimation of Biological N ₂ Fixation in a Clover-Grass System by the 15N Dilution Method and the Total-N Difference Method. <i>Biological Agriculture and Horticulture</i> , 1995 , 11, 203-219	1.6	15
14	Energy efficiency of organic pear production in greenhouses in China. <i>Renewable Agriculture and Food Systems</i> , 2010 , 25, 196-203	1.8	14
13	Effect of four plant species on soil 15N-access and herbage yield in temporary agricultural grasslands. <i>Plant and Soil</i> , 2013 , 371, 313-325	4.2	12
12	Competition for and utilisation of sulfur in sole and intercrops of pea and barley. <i>Nutrient Cycling in Agroecosystems</i> , 2007 , 77, 143-153	3.3	12
11	Effect of environment on multi-element grain composition of pigeonpea cultivars under farmers' conditions. <i>Plant and Soil</i> , 2006 , 285, 81-96	4.2	10
10	Systems Theory as a Scientific Approach towards Organic Farming. <i>Biological Agriculture and Horticulture</i> , 1998 , 16, 37-52	1.6	10
9	Effects of including chicory in perennial ryegrass/white clover leys on production and health in organic lambs. <i>Livestock Science</i> , 2009 , 125, 66-73	1.7	8
8	Recovery of nitrogen fertilizer by traditional and improved rice cultivars in the Bhutan Highlands. <i>Plant and Soil</i> , 2010 , 332, 233-246	4.2	8
7	Biological nitrogen fixation in a grazed perennial grass/clover ley and correlation with herbage and soil variables. <i>European Journal of Agronomy</i> , 2002 , 16, 309-320	5	8
6	Crop responses to 15N-labelled organic and inorganic nitrogen sources. <i>Nutrient Cycling in Agroecosystems</i> , 2008 , 80, 49-60	3.3	7
5	Regrowth and Nutrient Composition of Different Plant Organs in Grass-clover Canopies as Affected by Phosphorus and Potassium Availability. <i>Annals of Botany</i> , 2001 , 88, 153-162	4.1	7
4	New Challenges in Underprivileged Regions Call for People-Centered Research for Development. <i>Society and Natural Resources</i> , 2010 , 23, 908-915	2.4	6

3	Robustness in the mineral supply from temporary grasslands. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2012 , 62, 79-90	1.1	6
2	Effect of plant species and temperature on amino acid release from plant material. <i>Agronomy for Sustainable Development</i> , 2010 , 30, 679-688	6.8	1
1	YIELDS AND QUALITY OF PHASEOLUS BEAN CULTIVARS UNDER FARMERS' CONDITIONS IN EASTERN AND SOUTHERN AFRICA. <i>Experimental Agriculture</i> , 2014 , 50, 178-190	1.7	