

Mathias Neumann Andersen

List of Publications by Year in descending order

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125
papers

6,507
citations

66234

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h-index

71532

76
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128
docs citations

128
times ranked

5561
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochar and alternate wetting-drying cycles improving rhizosphere soil nutrients availability and tobacco growth by altering root growth strategy in Ferralsol and Anthrosol. <i>Science of the Total Environment</i> , 2022, 806, 150513.	3.9	19
2	Interactions between biochar, arbuscular mycorrhizal fungi and photosynthetic processes in potato (<i>Solanum tuberosum</i> L.). <i>Science of the Total Environment</i> , 2022, 816, 151649.	3.9	8
3	The use of oil palm empty fruit bunches as a soil amendment to improve growth and yield of crops. A meta-analysis. <i>Agronomy for Sustainable Development</i> , 2022, 42, 1.	2.2	4
4	Human activities modulate greening patterns: a case study for southern Xinjiang in China based on long time series analysis. <i>Environmental Research Letters</i> , 2022, 17, 044012.	2.2	8
5	Physiological and Growth Responses of Potato (<i>Solanum Tuberosum</i> L.) to Air Temperature and Relative Humidity under Soil Water Deficits. <i>Plants</i> , 2022, 11, 1126.	1.6	9
6	Elevational shifts in foliar $\delta^{15}\text{N}$ in the Hengduan Mountains and different potential mechanisms. <i>Global Change Biology</i> , 2022, 28, 5480-5491.	4.2	15
7	Environmental constraints to net primary productivity at northern latitudes: A study across scales of radiation interception and biomass production of potato. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 94, 102232.	1.4	11
8	Domestic wastewater infiltration process in desert sandy soil and its irrigation prospect analysis. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111419.	2.9	10
9	Did water-saving irrigation protect water resources over the past 40 years? A global analysis based on water accounting framework. <i>Agricultural Water Management</i> , 2021, 249, 106793.	2.4	44
10	Random forest regression results in accurate assessment of potato nitrogen status based on multispectral data from different platforms and the critical concentration approach. <i>Field Crops Research</i> , 2021, 268, 108158.	2.3	28
11	Diurnal and Seasonal Mapping of Water Deficit Index and Evapotranspiration by an Unmanned Aerial System: A Case Study for Winter Wheat in Denmark. <i>Remote Sensing</i> , 2021, 13, 2998.	1.8	4
12	Partial root-zone drying irrigation increases water-use efficiency of tobacco plants amended with biochar. <i>Industrial Crops and Products</i> , 2021, 166, 113487.	2.5	14
13	Does Biochar Particle Size, Application Rate and Irrigation Regime Interact to Affect Soil Water Holding Capacity, Maize Growth and Nutrient Uptake?. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 3180-3193.	1.7	1
14	Effect of rice straw biochar and irrigation on growth, dry matter yield and radiation use efficiency of maize grown on an Acrisol in Ghana. <i>Journal of Agronomy and Crop Science</i> , 2020, 206, 296-307.	1.7	6
15	Mechanism of orthophosphate (PO_4^{3-}) Tj ETQq1 1 0.784314 rgBT /Over different biochars. <i>Environmental Technology and Innovation</i> , 2020, 17, 100572.	3.0	47
16	Changes in phosphorus fractions in three tropical soils amended with corn cob and rice husk biochars. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 1331-1340.	0.6	1
17	New Rootsnap Sensor Reveals the Ameliorating Effect of Biochar on In Situ Root Growth Dynamics of Maize in Sandy Soil. <i>Frontiers in Plant Science</i> , 2020, 11, 949.	1.7	7
18	Nonlinear sorption of phosphorus onto plant biomass-derived biochars at different pyrolysis temperatures. <i>Environmental Technology and Innovation</i> , 2020, 19, 100808.	3.0	14

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19	Plants with lengthened phenophases increase their dominance under warming in an alpine plant community. <i>Science of the Total Environment</i> , 2020, 728, 138891.	3.9	13
20	Rice straw biochar and irrigation effect on yield and water productivity of okra. <i>Agronomy Journal</i> , 2020, 112, 3012-3023.	0.9	5
21	Nutrient uptake and growth of potato: Arbuscular mycorrhiza symbiosis interacts with quality and quantity of amended biochars. <i>Journal of Plant Nutrition and Soil Science</i> , 2020, 183, 220-232.	1.1	15
22	Land Use and Land Cover Changes in the Owabi Reservoir Catchment, Ghana: Implications for Livelihoods and Management. <i>Geosciences (Switzerland)</i> , 2019, 9, 286.	1.0	18
23	Rice yield estimation based on forecasting the future condition of groundwater salinity in the Caspian coastal strip of Guilan Province, Iran. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 492.	1.3	4
24	Impact of rice straw biochar and irrigation on maize yield, intercepted radiation and water productivity in a tropical sandy clay loam. <i>Field Crops Research</i> , 2019, 243, 107628.	2.3	19
25	Phosphorus retention and availability in three contrasting soils amended with rice husk and corn cob biochar at varying pyrolysis temperatures. <i>Geoderma</i> , 2019, 341, 10-17.	2.3	98
26	Climate change is expected to increase yield and water use efficiency of wheat in the North China Plain. <i>Agricultural Water Management</i> , 2019, 222, 193-203.	2.4	47
27	Impacts of controlled drainage during winter on the physiology and yield of winter wheat in Denmark. <i>Agricultural Water Management</i> , 2019, 216, 118-126.	2.4	1
28	Can mulching of maize straw complement deficit irrigation to improve water use efficiency and productivity of winter wheat in North China Plain?. <i>Agricultural Water Management</i> , 2019, 213, 1-11.	2.4	32
29	Modelling agro-environmental variables under data availability limitations and scenario managements in an alluvial region of the North China Plain. <i>Environmental Modelling and Software</i> , 2019, 111, 94-107.	1.9	8
30	Physiological Manipulation and Yield Response of Wheat Grown with Split Root System under Deficit Irrigation. <i>Pakistan Journal of Agricultural Research</i> , 2019, 32, .	0.1	5
31	Abiotic mechanisms for biochar effects on soil N ₂ O emission. <i>International Agrophysics</i> , 2019, 33, 537-546.	0.7	5
32	Potato canopy growth, yield and soil water dynamics under different irrigation systems. <i>Agricultural Water Management</i> , 2018, 202, 9-18.	2.4	21
33	Development of a Low-Cost Solar-Powered Water Supply System for Small-Scale Drip Irrigation Farms in Sub-Saharan Africa: Dosing Tank and Bell Siphon Perspective. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2018, 144, .	0.6	3
34	Arbuscular mycorrhizal fungi alleviate abiotic stresses in potato plants caused by low phosphorus and deficit irrigation/partial root-zone drying. <i>Journal of Agricultural Science</i> , 2018, 156, 46-58.	0.6	45
35	Using ground-based spectral reflectance sensors and photography to estimate shoot N concentration and dry matter of potato. <i>Computers and Electronics in Agriculture</i> , 2018, 144, 154-163.	3.7	29
36	Biochar amendment of fluvio-glacial temperate sandy subsoil: Effects on maize water uptake, growth and physiology. <i>Journal of Agronomy and Crop Science</i> , 2018, 204, 123-136.	1.7	28

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37	Impact of heat-wave at high and low VPD on photosynthetic components of wheat and their recovery. <i>Environmental and Experimental Botany</i> , 2018, 147, 138-146.	2.0	23
38	Acclimation to higher VPD and temperature minimized negative effects on assimilation and grain yield of wheat. <i>Agricultural and Forest Meteorology</i> , 2018, 248, 119-129.	1.9	40
39	Yield and crop growth of table potato affected by different split-N fertigation regimes in sandy soil. <i>European Journal of Agronomy</i> , 2018, 92, 41-50.	1.9	34
40	Biomass production and water use efficiency in perennial grasses during and after drought stress. <i>GCB Bioenergy</i> , 2018, 10, 12-27.	2.5	29
41	Effects of Reclaimed Water Irrigation on Microbial Diversity and Composition of Soil with Reducing Nitrogen Fertilization. <i>Water (Switzerland)</i> , 2018, 10, 365.	1.2	18
42	Can miscanthus C ₄ photosynthesis compete with festulolium C ₃ photosynthesis in a temperate climate?. <i>GCB Bioenergy</i> , 2017, 9, 18-30.	2.5	14
43	Effects of reclaimed water irrigation and nitrogen fertilization on the chemical properties and microbial community of soil. <i>Journal of Integrative Agriculture</i> , 2017, 16, 679-690.	1.7	42
44	A RVI/LAI-reference curve to detect N stress and guide N fertigation using combined information from spectral reflectance and leaf area measurements in potato. <i>European Journal of Agronomy</i> , 2017, 87, 1-7.	1.9	30
45	Simulation of potato yield in temperate condition by the AquaCrop model. <i>Agricultural Water Management</i> , 2017, 191, 113-123.	2.4	44
46	Dry matter production, radiation interception and radiation use efficiency of potato in response to temperature and nitrogen application regimes. <i>Agricultural and Forest Meteorology</i> , 2017, 232, 595-605.	1.9	34
47	Impact of Wood Biochar and Its Interactions with Mycorrhizal Fungi, Phosphorus Fertilization and Irrigation Strategies on Potato Growth. <i>Journal of Agronomy and Crop Science</i> , 2017, 203, 131-145.	1.7	67
48	Integrated modelling of crop production and nitrate leaching with the Daisy model. <i>MethodsX</i> , 2016, 3, 350-363.	0.7	18
49	Next Generation Sequencing Bulk Segregant Analysis of Potato Support that Differential Flux into the Cholesterol and Stigmasterol Metabolite Pools Is Important for Steroidal Glycoalkaloid Content. <i>Potato Research</i> , 2016, 59, 81-97.	1.2	32
50	Low-temperature leaf photosynthesis of a <i>Miscanthus</i> germplasm collection correlates positively to shoot growth rate and specific leaf area. <i>Annals of Botany</i> , 2016, 117, 1229-1239.	1.4	6
51	Radiation interception and radiation use efficiency of potato affected by different N fertigation and irrigation regimes. <i>European Journal of Agronomy</i> , 2016, 81, 129-137.	1.9	30
52	Influence of harvest time and frequency on light interception and biomass yield of festulolium and tall fescue cultivated on a peatland. <i>European Journal of Agronomy</i> , 2016, 81, 150-160.	1.9	11
53	Optimising crop production and nitrate leaching in China: Measured and simulated effects of straw incorporation and nitrogen fertilisation. <i>European Journal of Agronomy</i> , 2016, 80, 32-44.	1.9	43
54	Residual effects of biochar on improving growth, physiology and yield of wheat under salt stress. <i>Agricultural Water Management</i> , 2015, 158, 61-68.	2.4	259

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55	Reduced nitrogen leaching by intercropping maize with red fescue on sandy soils in North Europe: a combined field and modeling study. <i>Plant and Soil</i> , 2015, 388, 67-85.	1.8	59
56	Screening for intrinsic water use efficiency in a potato dihaploid mapping population under progressive drought conditions. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2015, 65, 400-411.	0.3	5
57	Interactive effect of biochar and plant growth-promoting bacterial endophytes on ameliorating salinity stress in maize. <i>Functional Plant Biology</i> , 2015, 42, 770.	1.1	146
58	Effect of partial root zone drying and deficit irrigation on nitrogen and phosphorus uptake in potato. <i>Agricultural Water Management</i> , 2015, 159, 66-76.	2.4	46
59	Tomato yield and water use efficiency " coupling effects between growth stage specific soil water deficits. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2015, 65, 460-469.	0.3	8
60	Biochar Mitigates Salinity Stress in Potato. <i>Journal of Agronomy and Crop Science</i> , 2015, 201, 368-378.	1.7	186
61	Cytosolic glutamine synthetase is important for photosynthetic efficiency and water use efficiency in potato as revealed by high-throughput sequencing QTL analysis. <i>Theoretical and Applied Genetics</i> , 2015, 128, 2143-2153.	1.8	18
62	Effect of different fertilization and irrigation methods on nitrogen uptake, intercepted radiation and yield of okra (<i>Abelmoschus esculentum</i> L.) grown in the Keta Sand Spit of Southeast Ghana. <i>Agricultural Water Management</i> , 2015, 147, 34-42.	2.4	30
63	Contrasting Water Use Efficiency (WUE) Responses of a Potato Mapping Population and Capability of Modified Ball-Berry Model to Predict Stomatal Conductance and WUE Measured at Different Environmental Conditions. <i>Journal of Agronomy and Crop Science</i> , 2015, 201, 81-94.	1.7	10
64	Ionic and photosynthetic homeostasis in quinoa challenged by salinity and drought " mechanisms of tolerance. <i>Functional Plant Biology</i> , 2015, 42, 136.	1.1	81
65	Modeling root length density of field grown potatoes under different irrigation strategies and soil textures using artificial neural networks. <i>Field Crops Research</i> , 2014, 162, 99-107.	2.3	27
66	Gas-exchange, water use efficiency and yield responses of elite potato (<i>Solanum tuberosum</i> L.) cultivars to changes in atmospheric carbon dioxide concentration, temperature and relative humidity. <i>Agricultural and Forest Meteorology</i> , 2014, 187, 36-45.	1.9	47
67	A Short Overview of Measures for Securing Water Resources for Irrigated Crop Production. <i>Journal of Agronomy and Crop Science</i> , 2014, 200, 333-343.	1.7	36
68	Effect of root pruning and irrigation regimes on leaf water relations and xylem ABA and ionic concentrations in pear trees. <i>Agricultural Water Management</i> , 2014, 135, 84-89.	2.4	7
69	Physiological factors affecting intrinsic water use efficiency of potato clones within a dihaploid mapping population under well-watered and drought-stressed conditions. <i>Scientia Horticulturae</i> , 2014, 178, 61-69.	1.7	8
70	Biochar enhances yield and quality of tomato under reduced irrigation. <i>Agricultural Water Management</i> , 2014, 138, 37-44.	2.4	319
71	PARTIAL ROOT-ZONE DRYING (PRD) FEASIBILITY ON POTATO IN A SUB-HUMID CLIMATE. <i>Acta Horticulturae</i> , 2014, , 495-502.	0.1	2
72	TREATED WASTEWATER REUSE ON POTATO (<i>SOLANUM TUBEROSUM</i>). <i>Acta Horticulturae</i> , 2014, , 105-112.	0.1	2

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73	Soil compaction limits root development, radiation-use efficiency and yield of three winter wheat (<i>Triticum aestivum</i> L.) cultivars. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2013, 63, 409-419.	0.3	6
74	Screening tomato genotypes for adaptation to high temperature in West Africa. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2013, 63, 516-522.	0.3	31
75	HEAT TOLERANCE IN FIELD GROWN TOMATOES (<i>LYCOPERSICON ESCULENTUM</i> MILL.) UNDER SEMI-ARID CONDITIONS OF WEST AFRICA. <i>Acta Horticulturae</i> , 2013, , 99-106.	0.1	4
76	SUSTAINABLE USE OF WATER RESOURCES: FIELD APPLICATION OF DEFICIT IRRIGATION STRATEGIES IN PROCESSING TOMATO. <i>Acta Horticulturae</i> , 2013, , 77-84.	0.1	1
77	Effect of nitrogen and water availability of three soil types on yield, radiation use efficiency and evapotranspiration in field-grown quinoa. <i>Agricultural Water Management</i> , 2012, 109, 20-29.	2.4	92
78	Varietal differences of quinoa's tolerance to saline conditions. <i>Plant and Soil</i> , 2012, 357, 117-129.	1.8	149
79	Effects of Salinity and Soil Drying on Radiation Use Efficiency, Water Productivity and Yield of Quinoa (<i>Chenopodium quinoa</i> Willd.). <i>Journal of Agronomy and Crop Science</i> , 2012, 198, 173-184.	1.7	68
80	Effects of irrigation strategies and soils on field grown potatoes: Root distribution. <i>Agricultural Water Management</i> , 2011, 98, 1280-1290.	2.4	72
81	Leaching of human pathogens in repacked soil lysimeters and contamination of potato tubers under subsurface drip irrigation in Denmark. <i>Water Research</i> , 2011, 45, 4367-4380.	5.3	22
82	Water Relations and Transpiration of Quinoa (<i>Chenopodium quinoa</i> Willd.) Under Salinity and Soil Drying. <i>Journal of Agronomy and Crop Science</i> , 2011, 197, 348-360.	1.7	126
83	Improved plant nitrogen nutrition contributes to higher water use efficiency in tomatoes under alternate partial root-zone irrigation. <i>Functional Plant Biology</i> , 2010, 37, 175.	1.1	122
84	Effects of irrigation strategies and soils on field-grown potatoes: Gas exchange and xylem [ABA]. <i>Agricultural Water Management</i> , 2010, 97, 1486-1494.	2.4	76
85	Safe and high quality food production using low quality waters and improved irrigation systems and management: SAFIR. <i>Agricultural Water Management</i> , 2010, 98, 377-384.	2.4	16
86	Effects of irrigation strategies and soils on field grown potatoes: Yield and water productivity. <i>Agricultural Water Management</i> , 2010, 97, 1923-1930.	2.4	108
87	Carbon retention in the soil-plant system under different irrigation regimes. <i>Agricultural Water Management</i> , 2010, 98, 419-424.	2.4	33
88	Decentralised water and wastewater treatment technologies to produce functional water for irrigation. <i>Agricultural Water Management</i> , 2010, 98, 385-402.	2.4	28
89	Deficit irrigation based on drought tolerance and root signalling in potatoes and tomatoes. <i>Agricultural Water Management</i> , 2010, 98, 403-413.	2.4	139
90	Modelling of root ABA synthesis, stomatal conductance, transpiration and potato production under water saving irrigation regimes. <i>Agricultural Water Management</i> , 2010, 98, 425-439.	2.4	27

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91	The impact of various sprinkler irrigation patterns on spatial soil moisture variation in Vertisols. <i>Precision Agriculture</i> , 2009, 10, 16-33.	3.1	7
92	Comparative effects of partial root-zone drying and deficit irrigation on nitrogen uptake in potatoes (<i>Solanum tuberosum</i> L.). <i>Irrigation Science</i> , 2009, 27, 443-448.	1.3	67
93	Capability of the "Ball-Berry"™ model for predicting stomatal conductance and water use efficiency of potato leaves under different irrigation regimes. <i>Scientia Horticulturae</i> , 2009, 122, 346-354.	1.7	48
94	Effects of Bt-maize material on the life cycle of the land snail <i>Cantareus aspersus</i> . <i>Applied Soil Ecology</i> , 2009, 42, 236-242.	2.1	22
95	A quantitative approach to developing more mechanistic gas exchange models for field grown potato: A new insight into chemical and hydraulic signalling. <i>Agricultural and Forest Meteorology</i> , 2009, 149, 1541-1551.	1.9	23
96	WASTE WATER REUSE PATHWAYS FOR PROCESSING TOMATO. <i>Acta Horticulturae</i> , 2009, , 61-68.	0.1	3
97	WATER SAVING IRRIGATION STRATEGIES FOR PROCESSING TOMATO. <i>Acta Horticulturae</i> , 2009, , 69-76.	0.1	7
98	Nitrogen dynamics in the soil-plant system under deficit and partial root-zone drying irrigation strategies in potatoes. <i>European Journal of Agronomy</i> , 2008, 28, 65-73.	1.9	84
99	Measurement and modelling of ABA signalling in potato (<i>Solanum tuberosum</i> L.) during partial root-zone drying. <i>Environmental and Experimental Botany</i> , 2008, 63, 385-391.	2.0	61
100	PARTIAL ROOT ZONE DRYING (PRD) SUSTAINS YIELD OF POTATOES (<i>SOLANUM TUBEROSUM</i> L.) AT REDUCED WATER SUPPLY. <i>Acta Horticulturae</i> , 2008, , 581-586.	0.1	3
101	Water relations and yield of lysimeter-grown strawberries under limited irrigation. <i>Scientia Horticulturae</i> , 2007, 111, 128-132.	1.7	70
102	Agricultural studies of GM maize and the field experimental infrastructure of ECOGEN. <i>Pedobiologia</i> , 2007, 51, 175-184.	0.5	31
103	Evaluation of effects of transgenic Bt maize on microarthropods in a European multi-site experiment. <i>Pedobiologia</i> , 2007, 51, 207-218.	0.5	51
104	Microbial and microfaunal community structure in cropping systems with genetically modified plants. <i>Pedobiologia</i> , 2007, 51, 195-206.	0.5	64
105	Responses by earthworms to reduced tillage in herbicide tolerant maize and Bt maize cropping systems. <i>Pedobiologia</i> , 2007, 51, 219-227.	0.5	35
106	Exposure and effects assessments of Bt-maize on non-target organisms (gastropods, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (mic	0.5	67
107	Effects of partial root-zone drying on yield, tuber size and water use efficiency in potato under field conditions. <i>Field Crops Research</i> , 2007, 100, 117-124.	2.3	182
108	Physiological responses of potato (<i>Solanum tuberosum</i> L.) to partial root-zone drying: ABA signalling, leaf gas exchange, and water use efficiency. <i>Journal of Experimental Botany</i> , 2006, 57, 3727-3735.	2.4	198

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109	Consequences for <i>Protaphorura armata</i> (Collembola: Onychiuridae) following exposure to genetically modified <i>Bacillus thuringiensis</i> (Bt) maize and non-Bt maize. <i>Environmental Pollution</i> , 2006, 142, 212-216.	3.7	47
110	Effects of deficit irrigation (DI) and partial root drying (PRD) on gas exchange, biomass partitioning, and water use efficiency in potato. <i>Scientia Horticulturae</i> , 2006, 109, 113-117.	1.7	133
111	Decomposition processes under Bt (<i>Bacillus thuringiensis</i>) maize: Results of a multi-site experiment. <i>Soil Biology and Biochemistry</i> , 2006, 38, 195-199.	4.2	54
112	Stomatal control and water use efficiency of soybean (<i>Glycine max</i> L. Merr.) during progressive soil drying. <i>Environmental and Experimental Botany</i> , 2005, 54, 33-40.	2.0	191
113	A Comparison of Soil Microbial Community Structure, Protozoa and Nematodes in Field Plots of Conventional and Genetically Modified Maize Expressing the <i>Bacillus thuringiensis</i> CryIAb Toxin. <i>Plant and Soil</i> , 2005, 275, 135-146.	1.8	110
114	A review of drought adaptation in crop plants: changes in vegetative and reproductive physiology induced by ABA-based chemical signals. <i>Australian Journal of Agricultural Research</i> , 2005, 56, 1245.	1.5	131
115	ABA regulated stomatal control and photosynthetic water use efficiency of potato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.7	236
116	<i>Arabidopsis</i> VARIEGATED 3 encodes a chloroplast-targeted, zinc-finger protein required for chloroplast and palisade cell development. <i>Journal of Cell Science</i> , 2004, 117, 4807-4818.	1.2	65
117	Pod Set Related to Photosynthetic Rate and Endogenous ABA in Soybeans Subjected to Different Water Regimes and Exogenous ABA and BA at Early Reproductive Stages. <i>Annals of Botany</i> , 2004, 94, 405-411.	1.4	77
118	The effect of lupins as compared with peas and oats on the yield of the subsequent winter barley crop. <i>European Journal of Agronomy</i> , 2004, 20, 405-418.	1.9	70
119	Root signal controls pod growth in drought-stressed soybean during the critical, abortion-sensitive phase of pod development. <i>Field Crops Research</i> , 2004, 85, 159-166.	2.3	32
120	Drought stress effect on carbohydrate concentration in soybean leaves and pods during early reproductive development: its implication in altering pod set. <i>Field Crops Research</i> , 2004, 86, 1-13.	2.3	217
121	Hydraulic and chemical signals in the control of leaf expansion and stomatal conductance in soybean exposed to drought stress. <i>Functional Plant Biology</i> , 2003, 30, 65.	1.1	127
122	Loss of pod set caused by drought stress is associated with water status and ABA content of reproductive structures in soybean. <i>Functional Plant Biology</i> , 2003, 30, 271.	1.1	152
123	Soluble Invertase Expression Is an Early Target of Drought Stress during the Critical, Abortion-Sensitive Phase of Young Ovary Development in Maize. <i>Plant Physiology</i> , 2002, 130, 591-604.	2.3	217
124	Ovary abscisic acid concentration does not induce kernel abortion in field-grown maize subjected to drought. <i>European Journal of Agronomy</i> , 2001, 15, 119-129.	1.9	27
125	Influence of soil water potential and slurry type on denitrification activity. <i>Soil Biology and Biochemistry</i> , 1996, 28, 977-980.	4.2	21