

Søren Husted

List of Publications by Year in descending order

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123
papers

8,628
citations

28736

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docs citations

125
times ranked

9233
citing authors

#	ARTICLE	IF	CITATIONS
1	Comment on "Foliar application of nanoparticles: mechanisms of absorption, transfer, and multiple impacts" by J. Hong, C. Wang, D. C. Wagner, J. L. Gardea-Torresdey, F. He and C. M. Rico, <i>Environ. Sci.: Nano</i> , 2021, 8, 1196-1210, DOI: 10.1039/D0EN01129K. <i>Environmental Science: Nano</i> , 2022, 9, 1180-1184.	2.2	1
2	Topical delivery of PD-1 inhibitors with laser-assisted passive diffusion and active intradermal injection: Investigation of cutaneous pharmacokinetics and biodistribution patterns. <i>Lasers in Surgery and Medicine</i> , 2022, 54, 170-181.	1.1	4
3	Efficacy and Safety of Laser-Assisted Combination Chemotherapy: An Explorative Imaging-Guided Treatment With 5-Fluorouracil and Cisplatin for Basal Cell Carcinoma. <i>Lasers in Surgery and Medicine</i> , 2021, 53, 119-128.	1.1	10
4	The molecular physiological functions of mineral macronutrients and their consequences for deficiency symptoms in plants. <i>New Phytologist</i> , 2021, 229, 2446-2469.	3.5	217
5	The role of soil in defining planetary boundaries and the safe operating space for humanity. <i>Environment International</i> , 2021, 146, 106245.	4.8	25
6	Unravelling the interactions between nano-hydroxyapatite and the roots of phosphorus deficient barley plants. <i>Environmental Science: Nano</i> , 2021, 8, 444-459.	2.2	19
7	Topical Delivery of Nivolumab, a Therapeutic Antibody, by Fractional Laser and Pneumatic Injection. <i>Lasers in Surgery and Medicine</i> , 2021, 53, 154-161.	1.1	10
8	Temporal and Spatial Patterns of Zinc and Iron Accumulation during Barley (<i>Hordeum vulgare</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.4	12
9	High light intensity aggravates latent manganese deficiency in maize. <i>Journal of Experimental Botany</i> , 2020, 71, 6116-6127.	2.4	7
10	Bioimaging Techniques Reveal Foliar Phosphate Uptake Pathways and Leaf Phosphorus Status. <i>Plant Physiology</i> , 2020, 183, 1472-1483.	2.3	22
11	Towards single-cell ionomics: a novel micro-scaled method for multi-element analysis of nanogram-sized biological samples. <i>Plant Methods</i> , 2020, 16, 31.	1.9	10
12	Methods to Visualize Elements in Plants. <i>Plant Physiology</i> , 2020, 182, 1869-1882.	2.3	40
13	The Biochemical Properties of Manganese in Plants. <i>Plants</i> , 2019, 8, 381.	1.6	112
14	Ancient barley landraces adapted to marginal soils demonstrate exceptional tolerance to manganese limitation. <i>Annals of Botany</i> , 2019, 123, 831-843.	1.4	29
15	Authenticity testing of organically grown vegetables by stable isotope ratio analysis of oxygen in plant-derived sulphate. <i>Food Chemistry</i> , 2019, 291, 59-67.	4.2	22
16	The Intensity of Manganese Deficiency Strongly Affects Root Endodermal Suberization and Ion Homeostasis. <i>Plant Physiology</i> , 2019, 181, 729-742.	2.3	35
17	Nanomaterials as fertilizers for improving plant mineral nutrition and environmental outcomes. <i>Environmental Science: Nano</i> , 2019, 6, 3513-3524.	2.2	99
18	Chlorophyll a fluorescence analysis can detect phosphorus deficiency under field conditions and is an effective tool to prevent grain yield reductions in spring barley (<i>Hordeum vulgare</i> L.). <i>Plant and Soil</i> , 2019, 434, 79-91.	1.8	42

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19	Effect of nitrogen and zinc fertilization on zinc and iron bioavailability and chemical speciation in maize silage. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 49, 269-275.	1.5	11
20	The Impacts of Phosphorus Deficiency on the Photosynthetic Electron Transport Chain. <i>Plant Physiology</i> , 2018, 177, 271-284.	2.3	248
21	Laser-assisted delivery enhances topical uptake of the anticancer agent cisplatin. <i>Drug Delivery</i> , 2018, 25, 1877-1885.	2.5	22
22	The Plastid Envelope CHLOROPLAST MANGANESE TRANSPORTER1 Is Essential for Manganese Homeostasis in Arabidopsis. <i>Molecular Plant</i> , 2018, 11, 955-969.	3.9	83
23	Analysis of Metals in Whole Cells, Thylakoids and Photosynthetic Protein Complexes in <i>Synechocystis</i> sp. PCC6803. <i>Bio-protocol</i> , 2018, 8, e2889.	0.2	0
24	Low perinatal zinc status is not associated with the risk of type 1 diabetes in children. <i>Pediatric Diabetes</i> , 2017, 18, 637-642.	1.2	9
25	The transporter Syn<sc>PAM</sc>71 is located in the plasma membrane and thylakoids, and mediates manganese tolerance in <i>Synechocystis </i><sc>PCC</sc>6803. <i>New Phytologist</i> , 2017, 215, 256-268.	3.5	47
26	Predicting phosphorus availability to spring barley (<i>Hordeum vulgare</i>) in agricultural soils of Scandinavia. <i>Field Crops Research</i> , 2017, 212, 1-10.	2.3	17
27	Photosystem II Functionality in Barley Responds Dynamically to Changes in Leaf Manganese Status. <i>Frontiers in Plant Science</i> , 2016, 7, 1772.	1.7	34
28	Diffusive Gradients in Thin Films as a Reference Method for Assessing Soil Phosphorus by Visual and Near-Infrared Spectroscopy. <i>Journal of Environmental Quality</i> , 2016, 45, 2060-2066.	1.0	3
29	Molecular speciation and tissue compartmentation of zinc in durum wheat grains with contrasting nutritional status. <i>New Phytologist</i> , 2016, 211, 1255-1265.	3.5	77
30	The Evolutionarily Conserved Protein PHOTOSYNTHESIS AFFECTED MUTANT71 is Required for Efficient Manganese Uptake at the Thylakoid Membrane in Arabidopsis. <i>Plant Cell</i> , 2016, 28, tpc.00812.2015.	3.1	94
31	Manganese Deficiency in Plants: The Impact on Photosystem II. <i>Trends in Plant Science</i> , 2016, 21, 622-632.	4.3	178
32	Targeted expression of <i>HvHMA</i>2 increases the mineral content of the inner endosperm in barley. <i>Plant Biotechnology Journal</i> , 2016, , .	4.1	1
33	Multi-element bioimaging of <i>Arabidopsis thaliana</i> roots. <i>Plant Physiology</i> , 2016, 172, pp.00770.2016.	2.3	38
34	Mother-plant-mediated pumping of zinc into the developing seed. <i>Nature Plants</i> , 2016, 2, 16036.	4.7	62
35	Identification of manganese efficiency candidate genes in winter barley (<i>Hordeum vulgare</i>) using genome wide association mapping. <i>BMC Genomics</i> , 2016, 17, 775.	1.2	17
36	A laser ablation <sc>ICP</sc>â€<sc>MS</sc> based method for multiplexed immunoblot analysis: applications to manganeseâ€dependent protein dynamics of photosystem <sc>II</sc> in barley (<i>Hordeum vulgare </i><sc>L</sc>). <i>Plant Journal</i> , 2015, 83, 555-565.	2.8	16

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37	Contrasting effects of nicotianamine synthase knockdown on zinc and nickel tolerance and accumulation in the zinc/cadmium hyperaccumulator <i>Nicotiana glauca</i> . <i>New Phytologist</i> , 2015, 206, 738-750.	3.5	53
38	Metal Binding in Photosystem II Super- and Subcomplexes from Barley Thylakoids. <i>Plant Physiology</i> , 2015, 168, 1490-1502.	2.3	42
39	Lanthanide elements as labels for multiplexed and targeted analysis of proteins, DNA and RNA using inductively-coupled plasma mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 72, 45-52.	5.8	38
40	Recent developments in fast spectroscopy for plant mineral analysis. <i>Frontiers in Plant Science</i> , 2015, 6, 169.	1.7	61
41	Sensitive Detection of Phosphorus Deficiency in Plants Using Chlorophyll <i>a</i> Fluorescence. <i>Plant Physiology</i> , 2015, 169, 353-361.	2.3	65
42	Being two is better than one – catalytic reductions with dendrimer encapsulated copper- and copper-cobalt-subnanoparticles. <i>Chemical Communications</i> , 2015, 51, 9957-9960.	2.2	10
43	Compound-Specific $\delta^{15}\text{N}$ and $\delta^{13}\text{C}$ Analyses of Amino Acids for Potential Discrimination between Organically and Conventionally Grown Wheat. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 5841-5850.	2.4	56
44	Late gestation over- and undernutrition predispose for visceral adiposity in response to a postnatal obesogenic diet, but with differential impacts on glucose-insulin adaptations during fasting in lambs. <i>Acta Physiologica</i> , 2014, 210, 110-126.	1.8	31
45	Barley metallothioneins differ in ontogenetic pattern and response to metals. <i>Plant, Cell and Environment</i> , 2014, 37, 353-367.	2.8	30
46	Multiplexed microRNA Detection Using Lanthanide-Labeled DNA Probes and Laser Ablation Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 6823-6826.	3.2	37
47	Discrimination of conventional and organic white cabbage from a long-term field trial study using untargeted LC-MS-based metabolomics. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2885-2897.	1.9	39
48	Authentication of organically grown plants – advantages and limitations of atomic spectroscopy for multi-element and stable isotope analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 59, 73-82.	5.8	74
49	Golgi Localized Barley MTP8 Proteins Facilitate Mn Transport. <i>PLoS ONE</i> , 2014, 9, e113759.	1.1	60
50	Latent manganese deficiency in barley can be diagnosed and remediated on the basis of chlorophyll a fluorescence measurements. <i>Plant and Soil</i> , 2013, 372, 417-429.	1.8	60
51	Model of how plants sense zinc deficiency. <i>Metallomics</i> , 2013, 5, 1110.	1.0	50
52	Multiplexed Quantification of Plant Thylakoid Proteins on Western Blots Using Lanthanide-Labeled Antibodies and Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LA-ICP-MS). <i>Analytical Chemistry</i> , 2013, 85, 5047-5054.	3.2	26
53	Silicon alleviates iron deficiency in cucumber by promoting mobilization of iron in the root apoplast. <i>New Phytologist</i> , 2013, 198, 1096-1107.	3.5	185
54	Is it really organic? – Multi-isotopic analysis as a tool to discriminate between organic and conventional plants. <i>Food Chemistry</i> , 2013, 141, 2812-2820.	4.2	75

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55	Diagnosing Latent Copper Deficiency in Intact Barley Leaves (<i>Hordeum vulgare</i> , L.) Using Near Infrared Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10901-10910.	2.4	47
56	Consumption of organic diets does not affect intake and absorption of zinc and copper in men – evidence from two cross-over trials. <i>Food and Function</i> , 2013, 4, 409-419.	2.1	9
57	Metabolomic and elemental profiling of melon fruit quality as affected by genotype and environment. <i>Metabolomics</i> , 2013, 9, 57-77.	1.4	74
58	A proteomics approach to investigate the process of Zn hyperaccumulation in <i>Nocca caerulea</i> (& <i>C. P. resl</i>) <i>F. K. M. eyer</i> . <i>Plant Journal</i> , 2013, 73, 131-142.	2.8	59
59	Dissecting plant iron homeostasis under short and long-term iron fluctuations. <i>Biotechnology Advances</i> , 2013, 31, 1292-1307.	6.0	52
60	Multielement Plant Tissue Analysis Using ICP Spectrometry. <i>Methods in Molecular Biology</i> , 2013, 953, 121-141.	0.4	42
61	An Optimized Calibration Procedure for Determining Elemental Ratios Using Laser-Induced Breakdown Spectroscopy. <i>Analytical Chemistry</i> , 2013, 85, 1492-1500.	3.2	18
62	Elevated Nicotianamine Levels in <i>Arabidopsis halleri</i> Roots Play a Key Role in Zinc Hyperaccumulation. <i>Plant Cell</i> , 2012, 24, 708-723.	3.1	209
63	Barley Metallothioneins: MT3 and MT4 Are Localized in the Grain Aleurone Layer and Show Differential Zinc Binding. <i>Plant Physiology</i> , 2012, 159, 1125-1137.	2.3	49
64	A new method for determination of potassium in soils using diffusive gradients in thin films (DGT). <i>Environmental Chemistry</i> , 2012, 9, 14.	0.7	15
65	Assessing the plant availability of manganese in soils using Diffusive Gradients in Thin films (DGT). <i>Geoderma</i> , 2012, 183-184, 92-99.	2.3	30
66	Losses of essential mineral nutrients by polishing of rice differ among genotypes due to contrasting grain hardness and mineral distribution. <i>Journal of Cereal Science</i> , 2012, 56, 307-315.	1.8	59
67	Higher Mass-Independent Isotope Fractionation of Methylmercury in the Pelagic Food Web of Lake Baikal (Russia). <i>Environmental Science & Technology</i> , 2012, 46, 5902-5911.	4.6	87
68	Zinc fluxes into developing barley grains: use of stable Zn isotopes to separate root uptake from remobilization in plants with contrasting Zn status. <i>Plant and Soil</i> , 2012, 361, 241-250.	1.8	40
69	Bio-fortification and isotopic labelling of Se metabolites in onions and carrots following foliar application of Se and ⁷⁷ Se. <i>Food Chemistry</i> , 2012, 133, 650-657.	4.2	57
70	Megapixel imaging of (micro)nutrients in mature barley grains. <i>Journal of Experimental Botany</i> , 2011, 62, 273-282.	2.4	134
71	Review: The role of atomic spectrometry in plant science. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 52-79.	1.6	65
72	Multielemental Fingerprinting as a Tool for Authentication of Organic Wheat, Barley, Faba Bean, and Potato. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 4385-4396.	2.4	106

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73	Applicability of Diffusive Gradients in Thin Films for Measuring Mn in Soils and Freshwater Sediments. <i>Analytical Chemistry</i> , 2011, 83, 8984-8991.	3.2	9
74	Elevated Phosphorus Impedes Manganese Acquisition by Barley Plants. <i>Frontiers in Plant Science</i> , 2011, 2, 37.	1.7	59
75	Bioavailable zinc in rice seeds is increased by activation tagging of <i>nicotianamine synthase</i> . <i>Plant Biotechnology Journal</i> , 2011, 9, 865-873.	4.1	168
76	Extensive metabolic cross-talk in melon fruit revealed by spatial and developmental combinatorial metabolomics. <i>New Phytologist</i> , 2011, 190, 683-696.	3.5	111
77	The use of DGT for prediction of plant available copper, zinc and phosphorus in agricultural soils. <i>Plant and Soil</i> , 2011, 346, 167-180.	1.8	128
78	ICP-MS and LC-ICP-MS for Analysis of Trace Element Content and Speciation in Cereal Grains. <i>Methods in Molecular Biology</i> , 2011, 860, 193-211.	0.4	4
79	Chemical composition of marama bean (<i>Tylosema esculentum</i>) – A wild African bean with unexploited potential. <i>Journal of Food Composition and Analysis</i> , 2010, 23, 648-657.	1.9	51
80	A Combined Zinc/Cadmium Sensor and Zinc/Cadmium Export Regulator in a Heavy Metal Pump. <i>Journal of Biological Chemistry</i> , 2010, 285, 31243-31252.	1.6	73
81	Comparison of Polyacetylene Content in Organically and Conventionally Grown Carrots Using a Fast Ultrasonic Liquid Extraction Method. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7673-7679.	2.4	40
82	Effects of Organic and Conventional Growth Systems on the Content of Flavonoids in Onions and Phenolic Acids in Carrots and Potatoes. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 10323-10329.	2.4	84
83	Tracing Sources and Bioaccumulation of Mercury in Fish of Lake Baikal – Angara River Using Hg Isotopic Composition. <i>Environmental Science & Technology</i> , 2010, 44, 8030-8037.	4.6	113
84	Iron fortification of rice seeds through activation of the <i>nicotianamine synthase</i> gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22014-22019.	3.3	341
85	Zinc transport mediated by barley ZIP proteins are induced by low pH. <i>Plant Signaling and Behavior</i> , 2009, 4, 842-845.	1.2	37
86	Manganese Deficiency Leads to Genotype-Specific Changes in Fluorescence Induction Kinetics and State Transitions. <i>Plant Physiology</i> , 2009, 150, 825-833.	2.3	79
87	Latent manganese deficiency increases transpiration in barley (<i>Hordeum vulgare</i>). <i>Physiologia Plantarum</i> , 2009, 135, 307-316.	2.6	82
88	Identification and characterization of zinc-starvation-induced ZIP transporters from barley roots. <i>Plant Physiology and Biochemistry</i> , 2009, 47, 377-383.	2.8	73
89	Effect of foliar application of selenium on its uptake and speciation in carrot. <i>Food Chemistry</i> , 2009, 115, 1357-1363.	4.2	129
90	Micro-scaled high-throughput digestion of plant tissue samples for multi-elemental analysis. <i>Plant Methods</i> , 2009, 5, 12.	1.9	114

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91	Simultaneous iron, zinc, sulfur and phosphorus speciation analysis of barley grain tissues using SEC-ICP-MS and IP-ICP-MS. <i>Metallomics</i> , 2009, 1, 418.	1.0	151
92	Multi-elemental fingerprinting of plant tissue by semi-quantitative ICP-MS and chemometrics. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 1198.	1.6	35
93	Manganese Efficiency in Barley: Identification and Characterization of the Metal Ion Transporter HvIRT1. <i>Plant Physiology</i> , 2008, 148, 455-466.	2.3	182
94	A secretory pathway-localized cation diffusion facilitator confers plant manganese tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8532-8537.	3.3	250
95	Multi-elemental speciation analysis of barley genotypes differing in tolerance to cadmium toxicity using SEC-ICP-MS and ESI-TOF-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 996.	1.6	38
96	Antisense reduction of serine hydroxymethyltransferase results in diurnal displacement of NH ₄ ⁺ assimilation in leaves of <i>Solanum tuberosum</i> . <i>Plant Journal</i> , 2006, 45, 71-82.	2.8	25
97	Antioxidant defense system and cadmium uptake in barley genotypes differing in cadmium tolerance. <i>Journal of Trace Elements in Medicine and Biology</i> , 2006, 20, 181-189.	1.5	137
98	Influence of nitrogen and sulphur form on manganese acquisition by barley (shape <i>Hordeum vulgare</i>). <i>Plant and Soil</i> , 2005, 268, 309-317.	1.8	37
99	Genotypic differences in manganese efficiency: field experiments with winter barley (<i>Hordeum vulgare</i>) Tj ETQq1 1.0.784314.rgBT / 1.8 99	1.8	99
100	Pollen development and fertilization in <i>Arabidopsis</i> is dependent on the MALE GAMETOGENESIS IMPAIRED ANTHEERS gene encoding a Type V P-type ATPase. <i>Genes and Development</i> , 2005, 19, 2757-2769.	2.7	86
101	Differential Capacity for High-Affinity Manganese Uptake Contributes to Differences between Barley Genotypes in Tolerance to Low Manganese Availability. <i>Plant Physiology</i> , 2005, 139, 1411-1420.	2.3	73
102	Elemental fingerprint analysis of barley (<i>Hordeum vulgare</i>) using inductively coupled plasma mass spectrometry, isotope-ratio mass spectrometry, and multivariate statistics. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 378, 171-182.	1.9	51
103	Photorespiratory NH ₄ ⁺ Production in Leaves of Wild-Type and Glutamine Synthetase 2 Antisense Oilseed Rape. <i>Plant Physiology</i> , 2002, 130, 989-998.	2.3	67
104	The regulation of ammonium translocation in plants. <i>Journal of Experimental Botany</i> , 2002, 53, 883-890.	2.4	153
105	Title is missing!. <i>Plant and Soil</i> , 2001, 228, 131-145.	1.8	79
106	A critical experimental evaluation of methods for determination of NH ₄ ⁺ in plant tissue, xylem sap and apoplastic fluid. <i>Physiologia Plantarum</i> , 2000, 109, 167-179.	2.6	140
107	Physiological regulation of plant-atmosphere ammonia exchange. <i>Plant and Soil</i> , 2000, 221, 95-102.	1.8	69
108	Fluxes of ammonia over oilseed rape. <i>Agricultural and Forest Meteorology</i> , 2000, 105, 327-349.	1.9	32

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109	Micrometeorological measurements of net ammonia fluxes over oilseed rape during two vegetation periods. <i>Agricultural and Forest Meteorology</i> , 2000, 105, 351-369.	1.9	49
110	Stomatal compensation points for ammonia in oilseed rape plants under field conditions. <i>Agricultural and Forest Meteorology</i> , 2000, 105, 371-383.	1.9	68
111	Sources and sinks of ammonia within an oilseed rape canopy. <i>Agricultural and Forest Meteorology</i> , 2000, 105, 385-404.	1.9	99
112	Resistance modelling of ammonia exchange over oilseed rape. <i>Agricultural and Forest Meteorology</i> , 2000, 105, 405-425.	1.9	131
113	Influence of nitrogen nutrition and metabolism on ammonia volatilization in plants. <i>Nutrient Cycling in Agroecosystems</i> , 1998, 51, 35-40.	1.1	72
114	Physiological parameters controlling plant-atmosphere ammonia exchange. <i>Atmospheric Environment</i> , 1998, 32, 491-498.	1.9	120
115	Soil-atmosphere ammonia exchange associated with <i>Calluna vulgaris</i> and <i>Deschampsia flexuosa</i> . <i>Atmospheric Environment</i> , 1998, 32, 507-512.	1.9	29
116	Accumulation of Shikimic Acid: A Technique for Screening Glyphosate Efficacy. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 4406-4412.	2.4	71
117	Ammonia compensation points in two cultivars of <i>Hordeum vulgare</i> L. during vegetative and generative growth. <i>Plant, Cell and Environment</i> , 1996, 19, 1299-1306.	2.8	67
118	Ammonia Flux between Oilseed Rape Plants and the Atmosphere in Response to Changes in Leaf Temperature, Light Intensity, and Air Humidity (Interactions with Leaf Conductance and Apoplastic) <i>Tj ETQq0 0 0 rgBT /Overlook 10 Tf 5</i>		
119	Apoplastic pH and Ammonium Concentration in Leaves of <i>Brassica napus</i> L. <i>Plant Physiology</i> , 1995, 109, 1453-1460.	2.3	207
120	A computer-controlled system for studying ammonia exchange, photosynthesis and transpiration of plant canopies growing under controlled environmental conditions. <i>Plant, Cell and Environment</i> , 1995, 18, 1070-1077.	2.8	25
121	Seasonal Variation in Methane Emission from Stored Slurry and Solid Manures. <i>Journal of Environmental Quality</i> , 1994, 23, 585-592.	1.0	211
122	An open chamber technique for determination of methane emission from stored livestock manure. <i>Atmospheric Environment Part A General Topics</i> , 1993, 27, 1635-1642.	1.3	39
123	Reducing ammonia loss from cattle slurry by the use of acidifying additives: The role of the buffer system. <i>Journal of the Science of Food and Agriculture</i> , 1991, 57, 335-349.	1.7	96