

# Hamlyn G Jones

## List of Publications by Year in descending order

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160  
papers

12,774  
citations

38720

50  
h-index

28275

105  
g-index

169  
all docs

169  
docs citations

169  
times ranked

9860  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving intercropping: a synthesis of research in agronomy, plant physiology and ecology. <i>New Phytologist</i> , 2015, 206, 107-117.	3.5	805
2	Irrigation scheduling: advantages and pitfalls of plant-based methods. <i>Journal of Experimental Botany</i> , 2004, 55, 2427-2436.	2.4	742
3	Thermal infrared imaging of crop canopies for the remote diagnosis and quantification of plant responses to water stress in the field. <i>Functional Plant Biology</i> , 2009, 36, 978.	1.1	439
4	Monitoring plant and soil water status: established and novel methods revisited and their relevance to studies of drought tolerance. <i>Journal of Experimental Botany</i> , 2006, 58, 119-130.	2.4	430
5	Use of infrared thermography for monitoring stomatal closure in the field: application to grapevine. <i>Journal of Experimental Botany</i> , 2002, 53, 2249-2260.	2.4	412
6	Use of thermography for quantitative studies of spatial and temporal variation of stomatal conductance over leaf surfaces. <i>Plant, Cell and Environment</i> , 1999, 22, 1043-1055.	2.8	405
7	Use of infrared thermometry for estimation of stomatal conductance as a possible aid to irrigation scheduling. <i>Agricultural and Forest Meteorology</i> , 1999, 95, 139-149.	1.9	377
8	New phenotyping methods for screening wheat and barley for beneficial responses to water deficit. <i>Journal of Experimental Botany</i> , 2010, 61, 3499-3507.	2.4	359
9	Stomatal control of xylem embolism. <i>Plant, Cell and Environment</i> , 1991, 14, 607-612.	2.8	340
10	A Positive Root-sourced Signal as an Indicator of Soil Drying in Apple, <i>Malus x domestica</i> Borkh.. <i>Journal of Experimental Botany</i> , 1990, 41, 1535-1540.	2.4	335
11	Linking drought resistance mechanisms to drought avoidance in upland rice using a QTL approach: progress and new opportunities to integrate stomatal and mesophyll responses. <i>Journal of Experimental Botany</i> , 2002, 53, 989-1004.	2.4	316
12	Proximal Remote Sensing Buggies and Potential Applications for Field-Based Phenotyping. <i>Agronomy</i> , 2014, 4, 349-379.	1.3	316
13	Combining thermal and visible imagery for estimating canopy temperature and identifying plant stress. <i>Journal of Experimental Botany</i> , 2004, 55, 1423-1431.	2.4	284
14	Partitioning stomatal and non-stomatal limitations to photosynthesis. <i>Plant, Cell and Environment</i> , 1985, 8, 95-104.	2.8	255
15	Coping with drought: stress and adaptive responses in potato and perspectives for improvement. <i>Frontiers in Plant Science</i> , 2015, 6, 542.	1.7	220
16	Monitoring and screening plant populations with combined thermal and chlorophyll fluorescence imaging. <i>Journal of Experimental Botany</i> , 2007, 58, 773-784.	2.4	215
17	Effects of Abscisic Acid and Water Stress on Development and Morphology of Wheat. <i>Journal of Experimental Botany</i> , 1977, 28, 192-203.	2.4	213
18	Application of Thermal Imaging and Infrared Sensing in Plant Physiology and Ecophysiology. <i>Advances in Botanical Research</i> , 2004, 41, 107-163.	0.5	211

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19	Exploring thermal imaging variables for the detection of stress responses in grapevine under different irrigation regimes. <i>Journal of Experimental Botany</i> , 2006, 58, 815-825.	2.4	207
20	Declining chilling and its impact on temperate perennial crops. <i>Environmental and Experimental Botany</i> , 2013, 91, 48-62.	2.0	202
21	Estimating stomatal conductance with thermal imagery. <i>Plant, Cell and Environment</i> , 2006, 29, 1508-1518.	2.8	185
22	The role of solute accumulation, osmotic adjustment and changes in cell wall elasticity in drought tolerance in <i>Ziziphus mauritiana</i> (Lamk.). <i>Journal of Experimental Botany</i> , 1998, 49, 967-977.	2.4	173
23	Optimizing thermal imaging as a technique for detecting stomatal closure induced by drought stress under greenhouse conditions. <i>Physiologia Plantarum</i> , 2006, 127, 507-518.	2.6	127
24	Modelling water relations of horticultural crops: a review. <i>Scientia Horticulturae</i> , 1998, 74, 21-46.	1.7	114
25	Xylem-transported abscisic acid: the relative importance of its mass and its concentration in the control of stomatal aperture. <i>Plant, Cell and Environment</i> , 1993, 16, 453-459.	2.8	100
26	Infra-Red Thermography as a High-Throughput Tool for Field Phenotyping. <i>Agronomy</i> , 2014, 4, 397-417.	1.3	97
27	Current topics in drought physiology. <i>Journal of Agricultural Science</i> , 1992, 119, 291-296.	0.6	96
28	On the relationships between stomatal resistance and leaf temperatures in thermography. <i>Agricultural and Forest Meteorology</i> , 2008, 148, 1908-1912.	1.9	93
29	Multi-sensor plant imaging: Towards the development of a stress-catalogue. <i>Biotechnology Journal</i> , 2009, 4, 1152-1167.	1.8	90
30	MODERATE-TERM WATER STRESSES AND ASSOCIATED CHANGES IN SOME PHOTOSYNTHETIC PARAMETERS IN COTTON. <i>New Phytologist</i> , 1973, 72, 1095-1105.	3.5	89
31	Regulation of growth and development of plants growing with a restricted supply of water. , 1989, , 71-94.		89
32	Diurnal changes in water content of the stems of apple trees, as influenced by irrigation.. <i>Plant, Cell and Environment</i> , 1986, 9, 1-7.	2.8	83
33	Infra-red Thermography for High Throughput Field Phenotyping in <i>Solanum tuberosum</i> . <i>PLoS ONE</i> , 2013, 8, e65816.	1.1	80
34	Thermal Imaging for the Study of Plant Water Relations. <i>J Agricultural Meteorology</i> , 2003, 59, 205-217.	0.8	79
35	Mucilages and polysaccharides in <i>Ziziphus</i> species (Rhamnaceae): localization, composition and physiological roles during drought-stress. <i>Journal of Experimental Botany</i> , 2002, 53, 131-138.	2.4	77
36	Physiological Aspects of the Control of Water Status in Horticultural Crops. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1990, 25, 19-25.	0.5	76

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37	Radiation measurement for plant ecophysiology. <i>Journal of Experimental Botany</i> , 2003, 54, 879-889.	2.4	72
38	Crop Characteristics and the Ratio Between Assimilation and Transpiration. <i>Journal of Applied Ecology</i> , 1976, 13, 605.	1.9	70
39	The relations between the main shoot and tillers in barley plants. <i>Journal of Agricultural Science</i> , 1977, 88, 381-389.	0.6	70
40	Genotypic Variation in Leaf Water Potential, Stomatal Conductance and Abscisic Acid Concentration in Spring Wheat Subjected to Artificial Drought Stress. <i>Annals of Botany</i> , 1979, 44, 323-332.	1.4	70
41	Effects of foliar application of calcium nitrate on growth and physiological attributes of cowpea ( <i>Vigna unguiculata</i> L. Walp.) grown under salt stress. <i>Environmental and Experimental Botany</i> , 2006, 58, 188-196.	2.0	70
42	The Cohesion-Tension Theory. <i>New Phytologist</i> , 2004, 163, 451-452.	3.5	68
43	Scaling of Thermal Images at Different Spatial Resolution: The Mixed Pixel Problem. <i>Agronomy</i> , 2014, 4, 380-396.	1.3	68
44	LIMITING FACTORS IN PHOTOSYNTHESIS. <i>New Phytologist</i> , 1973, 72, 1089-1094.	3.5	66
45	Modelling Diurnal Trends of Leaf Water Potential in Transpiring Wheat. <i>Journal of Applied Ecology</i> , 1978, 15, 613.	1.9	65
46	Photosynthesis by Thin Leaf Slices in Solution I. Properties of Leaf Slices and Comparison With Whole Leaves. <i>Australian Journal of Biological Sciences</i> , 1973, 26, 15.	0.5	63
47	Surface Conductance and Water Balance of Developing Apple ( <i>Malus pumila</i> Mill.) Fruits. <i>Journal of Experimental Botany</i> , 1982, 33, 67-77.	2.4	62
48	Relationships between water-use traits and photosynthesis in <i>Brassica oleracea</i> resolved by quantitative genetic analysis. <i>Plant Breeding</i> , 2005, 124, 557-564.	1.0	59
49	Carbon Dioxide Exchange of Developing Apple ( <i>Malus pumila</i> Mill.) Fruits. <i>Journal of Experimental Botany</i> , 1981, 32, 1203-1210.	2.4	57
50	Effects of enhanced UV-B radiation on pea ( <i>Pisum sativum</i> L.) grown under field conditions in the UK. <i>Global Change Biology</i> , 1996, 2, 325-334.	4.2	57
51	Transpiration in Barley Lines with Differing Stomatal Frequencies. <i>Journal of Experimental Botany</i> , 1977, 28, 162-168.	2.4	55
52	The impact of drought on leaf physiology of <i>Quercus suber</i> L. trees: comparison of an extreme drought event with chronic rainfall reduction. <i>Journal of Experimental Botany</i> , 2010, 61, 4361-4371.	2.4	55
53	Estimation of the Transport and Carboxylation Components of the Intracellular Limitation to Leaf Photosynthesis. <i>Plant Physiology</i> , 1972, 50, 283-288.	2.3	53
54	Photosynthesis and gas exchange. , 1989, , 47-70.		53

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55	Effect of salinity on water relations of wild barley plants differing in salt tolerance. AoB PLANTS, 2010, 2010, plq006-plq006.	1.2	53
56	The role of solute accumulation, osmotic adjustment and changes in cell wall elasticity in drought tolerance in <i>Ziziphus mauritiana</i> (Lamk.). Journal of Experimental Botany, 1998, 49, 967-977.	2.4	52
57	Stomatal responses to changing irradiance in <i>Phaseolus vulgaris</i> L.. Journal of Experimental Botany, 1994, 45, 931-936.	2.4	50
58	An approach to the determination of winter chill requirements for different <i>Ribes</i> cultivars. Plant Biology, 2013, 15, 18-27.	1.8	50
59	A new physical interpretation of plant root capacitance. Journal of Experimental Botany, 2012, 63, 6149-6159.	2.4	49
60	Can root electrical capacitance be used to predict root mass in soil?. Annals of Botany, 2013, 112, 457-464.	1.4	49
61	Effects of manipulation of number of tillers and water supply on grain yield in barley. Journal of Agricultural Science, 1977, 88, 391-397.	0.6	47
62	Estimation of an effective soil water potential at the root surface of transpiring plants.. Plant, Cell and Environment, 1983, 6, 671-674.	2.8	47
63	Rapid stomatal responses to humidity. Planta, 1982, 154, 135-138.	1.6	46
64	A practical method using a network of fixed infrared sensors for estimating crop canopy conductance and evaporation rate. Biosystems Engineering, 2018, 165, 59-69.	1.9	46
65	Responses of CO <sub>2</sub> assimilation to changes in irradiance: laboratory and field data and a model for beans ( <i>Phaseolus vulgaris</i> L.). Journal of Experimental Botany, 1996, 47, 639-645.	2.4	45
66	Validation of a radioimmunoassay for (+)-abscisic acid in extracts of apple and sweet-pepper tissue using high-pressure liquid chromatography and combined gas chromatography-mass spectrometry. Planta, 1985, 165, 91-99.	1.6	43
67	Transient gene expression in electroporated <i>Solanum</i> protoplasts. Plant Molecular Biology, 1989, 13, 503-511.	2.0	43
68	Low Temperature Enhances Photosynthetic Down-regulation in French Bean ( <i>Phaseolus vulgaris</i> L.) Plants. Annals of Botany, 2003, 91, 343-352.	1.4	43
69	Field phenotyping of potato to assess root and shoot characteristics associated with drought tolerance. Plant and Soil, 2014, 378, 351-363.	1.8	43
70	Growth and Water Relations of Wilty Mutants of Tomato ( <i>Lycopersicon esculentum</i> Mill.). Journal of Experimental Botany, 1987, 38, 1848-1856.	2.4	42
71	Diurnal changes in water content of the stems of apple trees, as influenced by irrigation. Plant, Cell and Environment, 1986, 9, 1-7.	2.8	41
72	LAI retrieval from multiangular image classification and inversion of a ray tracing model. Remote Sensing of Environment, 2005, 98, 414-428.	4.6	41

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73	The relationship between wound-induced proteinase inhibitors and hydraulic signals in tomato seedlings. <i>Plant, Cell and Environment</i> , 1994, 17, 81-87.	2.8	40
74	Unusual stomatal behaviour on partial root excision in wheat seedlings. <i>Plant, Cell and Environment</i> , 2004, 27, 69-77.	2.8	40
75	How do rootstocks control shoot water relations?. <i>New Phytologist</i> , 2012, 194, 301-303.	3.5	40
76	Aspects of the water relations of spring wheat ( <i>Triticum aestivum</i> L.) in response to induced drought. <i>Journal of Agricultural Science</i> , 1977, 88, 267-282.	0.6	38
77	Response of apple rootstocks to irrigation in south-east England. <i>The Journal of Horticultural Science</i> , 1990, 65, 129-141.	0.3	37
78	Calcium uptake by developing apple fruits. I. Seasonal changes in calcium content of fruits. <i>The Journal of Horticultural Science</i> , 1983, 58, 173-182.	0.3	36
79	Correction for non-specific interference in competitive immunoassays. <i>Physiologia Plantarum</i> , 1987, 70, 146-154.	2.6	35
80	Experimental control of water status in an apple orchard. <i>The Journal of Horticultural Science</i> , 1983, 58, 301-316.	0.3	34
81	Water deficit, leaf rolling and susceptibility to photoinhibition in field grown sorghum. <i>Physiologia Plantarum</i> , 1994, 92, 423-430.	2.6	34
82	Photosynthesis by Thin Leaf Slices in Solution II. Osmotic Stress and Its Effects on Photosynthesis. <i>Australian Journal of Biological Sciences</i> , 1973, 26, 25.	0.5	34
83	Association mapping and genetic dissection of drought-induced canopy temperature differences in rice. <i>Journal of Experimental Botany</i> , 2020, 71, 1614-1627.	2.4	33
84	Water Potential-Water Content Relationships In Apple Leaves. <i>Journal of Experimental Botany</i> , 1979, 30, 965-970.	2.4	32
85	What plant is that? Tests of automated image recognition apps for plant identification on plants from the British flora. <i>AoB PLANTS</i> , 2020, 12, plaa052.	1.2	32
86	A Microcomputer-Based System for Continuous Measurement and Recording Fruit Diameter in Relation to Environmental Factors. <i>Journal of Experimental Botany</i> , 1984, 35, 1646-1655.	2.4	31
87	Can water droplets on leaves cause leaf scorch?. <i>New Phytologist</i> , 2010, 185, 865-867.	3.5	30
88	A method for automatic segmentation and splitting of hyperspectral images of raspberry plants collected in field conditions. <i>Plant Methods</i> , 2017, 13, 74.	1.9	30
89	INTERNAL FACTORS CONTROLLING THE RATE OF EVAPORATION FROM FRONDS OF SOME INTERTIDAL ALGAE. <i>New Phytologist</i> , 1979, 83, 771-781.	3.5	29
90	Estimation of plant water status with the beta-gauge. <i>Agricultural Meteorology</i> , 1973, 11, 345-355.	0.7	28

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91	Calcium uptake by developing apple fruits. II. The role of spur leaves. The Journal of Horticultural Science, 1983, 58, 183-190.	0.3	28
92	Some effects of canopy structure and microclimate on infection of tall and short wheats by Septoria nodorum. Plant Pathology, 1985, 34, 578-593.	1.2	28
93	Introduction: some terminology and common mechanisms. , 1989, , 1-10.		28
94	Xylem-transported chemical signals and the regulation of plant growth and physiology. Philosophical Transactions of the Royal Society B: Biological Sciences, 1993, 341, 41-47.	1.8	28
95	Variation of leaf conductance and leaf water potential in apple orchards. The Journal of Horticultural Science, 1984, 59, 329-336.	0.3	26
96	Changing Responses of Stomata to Abscisic Acid and CO <sub>2</sub> as Leaves and Plants Age. Journal of Experimental Botany, 1988, 39, 401-410.	2.4	26
97	Assessing Drought Responses Using Thermal Infrared Imaging. Methods in Molecular Biology, 2016, 1398, 209-219.	0.4	26
98	ASSESSMENT OF STOMATAL CONTROL OF PLANT WATER STATUS. New Phytologist, 1974, 73, 851-859.	3.5	25
99	Use of simultaneous analysis of gas-exchange and chlorophyll fluorescence quenching for analysing the effects of water stress on photosynthesis in apple leaves. Trees - Structure and Function, 1990, 4, 1.	0.9	25
100	Water relations and cropping of apple cultivars on a dwarfing rootstock in response to imposed drought. The Journal of Horticultural Science, 1991, 66, 367-379.	0.3	25
101	Estimation of maize canopy properties from remote sensing by inversion of 1-D and 4-D models. Precision Agriculture, 2010, 11, 319-334.	3.1	25
102	Evaluation of various heat-pulse methods for estimation of sap flow in orchard trees: comparison with micrometeorological estimates of evaporation. Trees - Structure and Function, 1988, 2, 250.	0.9	23
103	Isolation, culture, and regeneration of plants from potato protoplasts. Plant Cell Reports, 1989, 8, 307-11.	2.8	23
104	Response of photosynthetic apparatus to moderate high temperature in contrasting wheat cultivars at different oxygen concentrations. Journal of Experimental Botany, 2007, 58, 2133-2143.	2.4	22
105	Field Phenomics: Will It Enable Crop Improvement?. Plant Phenomics, 2021, 2021, 9871989.	2.5	22
106	Salt tolerance of cowpea genotypes in the emergence stage. Australian Journal of Experimental Agriculture, 2001, 41, 81.	1.0	22
107	Estimation of an effective soil water potential at the root surface of transpiring plants. Plant, Cell and Environment, 1983, 6, 671-674.	2.8	22
108	Photosynthetic limitations: use in guiding effort in crop improvement. Journal of Experimental Botany, 1995, 46, 1415-1422.	2.4	20

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109	Visual estimation of plant water status in cereals. <i>Journal of Agricultural Science</i> , 1979, 92, 83-89.	0.6	19
110	Resistance to Water Loss from the Mesophyll Cell Surface in Plant Leaves. <i>Journal of Experimental Botany</i> , 1980, 31, 545-553.	2.4	19
111	Empirical models of the conductance of leaves in apple orchards. <i>Plant, Cell and Environment</i> , 1989, 12, 301-308.	2.8	19
112	Abscisic acid and turgor pressure regulation in tomato roots. <i>Journal of Plant Physiology</i> , 1996, 149, 372-376.	1.6	18
113	An Off-Line Implementation of the Stable Isotope Technique for Measurements of Alternative Respiratory Pathway Activities. <i>Plant Physiology</i> , 2001, 127, 1279-1286.	2.3	18
114	Effects of Intercellular Resistances on Estimates of the Intracellular Resistance to Co2 Uptake by Plant Leaves. <i>Australian Journal of Biological Sciences</i> , 1972, 25, 443.	0.5	18
115	Thermal imaging as a viable tool for monitoring plant stress. <i>Oeno One</i> , 2016, 41, 77.	0.7	18
116	Relationships between Water Stress and Ultrasound Emission in Apple ( <i>Malus domestica</i> Borkh.). <i>Journal of Experimental Botany</i> , 1986, 37, 1245-1254.	2.4	17
117	Repeat flowering in apple caused by water stress or defoliation. <i>Trees - Structure and Function</i> , 1987, 1, 135.	0.9	17
118	Chilling requirement of <i>Ribes</i> cultivars. <i>Frontiers in Plant Science</i> , 2014, 5, 767.	1.7	17
119	Singlet Oxygen Quenching by Phenylamides and their Parent Compounds. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 833-838.	0.6	16
120	Thermal Imaging and Infrared Sensing in Plant Ecophysiology. , 2018, , 135-151.		16
121	Response of barley and pea crops to supplementary UV-B radiation. <i>Journal of Agricultural Science</i> , 1999, 132, 253-261.	0.6	15
122	Field comparisons of photosynthesis and leaf conductance in <i>Ziziphus mauritiana</i> and other fruit tree species in Zimbabwe. <i>Trees - Structure and Function</i> , 1997, 11, 449-454.	0.9	13
123	Dendrométrie et distribution de la surface foliaire dans une vieille oliveraie prais d'Andria, dans le sud de l'Italie. <i>Annals of Forest Science</i> , 2007, 64, 491-501.	0.8	13
124	AN ASSESSMENT OF PLANT-BASED MEASURES OF GRAPEVINE PERFORMANCE AS IRRIGATION SCHEDULING TOOLS. <i>Acta Horticulturae</i> , 2008, , 421-427.	0.1	13
125	Matching physiological traits and ion concentrations associated with salt stress in cowpea genotypes. <i>Australian Journal of Agricultural Research</i> , 2002, 53, 1243.	1.5	13
126	Stress physiology of crop plants. <i>Nature</i> , 1977, 269, 13-14.	13.7	12

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127	A portable system for simultaneous measurement of transpiration and CO <sub>2</sub> exchange. <i>Photosynthesis Research</i> , 1980, 1, 83-92.	1.6	12
128	Effects of NaCl Salinity on Growth and Production of Young Cladodes of <i>Opuntia ficus-indica</i> . <i>Journal of Agronomy and Crop Science</i> , 2001, 187, 269-279.	1.7	12
129	Gas Exchange in Plant Leaves Having Different Transfer Resistances Through Their Two Surfaces. <i>Australian Journal of Biological Sciences</i> , 1973, 26, 1045.	0.5	11
130	LEAF GAS EXCHANGE AND GROWTH IN RED RASPBERRIES IS REDUCED WHEN PART OF THE ROOT SYSTEM IS DRIED. <i>Acta Horticulturae</i> , 2002, , 671-676.	0.1	11
131	Model systems for the immunolocalisation of cis, trans abscisic acid in plant tissues. <i>Planta</i> , 1987, 172, 192-199.	1.6	10
132	Prospects for improving crop production in stressful environments. , 1989, , 235-248.		10
133	Sunfleck dynamics and canopy structure in a <i>Phaseolus vulgaris</i> L. canopy. <i>International Journal of Biometeorology</i> , 1998, 42, 34-43.	1.3	10
134	The use of indirect or proxy markers in plant physiology. <i>Plant, Cell and Environment</i> , 2014, 37, 1270-1272.	2.8	10
135	How plants respond to stress. <i>Nature</i> , 1978, 271, 610-610.	13.7	9
136	Applied abscisic acid, root growth and turgor pressure responses of roots of wild-type and the ABA-deficient mutant, <i>Notabilis</i> , of tomato. <i>Journal of Plant Physiology</i> , 1997, 151, 60-62.	1.6	6
137	Leaf orientation and distribution in a <i>Phaseolus vulgaris</i> L. crop and their relation to light microclimate. <i>International Journal of Biometeorology</i> , 1999, 43, 64-70.	1.3	6
138	Investigation of Sectorial Patterns in Apple Shoots Using Abscisic Acid. <i>Annals of Botany</i> , 1980, 46, 815-817.	1.4	5
139	Cell sap osmotic potentials and frost tolerance in black currants ( <i>Ribes nigrum</i> L.). <i>The Journal of Horticultural Science</i> , 1983, 58, 261-266.	0.3	5
140	The use of ultrasonic detectors for water stress determination in fruit trees. <i>Annales Des Sciences Forestières</i> , 1989, 46, 338s-341s.	1.1	5
141	Water relations of 'Wjck McIntosh' apple trees. <i>The Journal of Horticultural Science</i> , 1991, 66, 311-317.	0.3	5
142	The use of the VIFIS (variable interference filter imaging spectrometer) to obtain information on vegetation properties using multiangular data. <i>International Journal of Remote Sensing</i> , 2000, 19, 133-144.	1.1	5
143	Integrating hyperspectral imagery at different scales to estimate component surface temperatures. <i>International Journal of Remote Sensing</i> , 2006, 27, 2141-2159.	1.3	5
144	Use of Imaging Technologies for High Throughput Phenotyping. , 2018, , 145-158.		5

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145	Drought Enhances Stomatal Closure in Response to Shading in Sorghum ( <i>Sorghum bicolor</i> ) and in Millet ( <i>Pennisetum americanum</i> ). <i>Functional Plant Biology</i> , 1995, 22, 1.	1.1	5
146	Calcium uptake by developing apple fruits: III. Additional studies on fruit calcium balance. <i>The Journal of Horticultural Science</i> , 1986, 61, 171-179.	0.3	4
147	Improved models of the effects of winter chilling on blackcurrant ( <i>Ribes nigrum</i> L.) show cultivar specific sensitivity to warm winters. <i>Agricultural and Forest Meteorology</i> , 2020, 280, 107777.	1.9	4
148	Thermal radiation, canopy temperature and evaporation from forest canopies.. , 2004, , 123-144.		4
149	Expression of dehydrin-like genes in response to chilling in leaves of blackcurrant, <i>Ribes nigrum</i> L.. <i>Journal of Horticultural Science and Biotechnology</i> , 2001, 76, 201-207.	0.9	3
150	Water deficit, leaf rolling and susceptibility to photoinhibition in field grown sorghum. <i>Physiologia Plantarum</i> , 1994, 92, 423-430.	2.6	3
151	Field comparisons of photosynthesis and leaf conductance in. <i>Trees - Structure and Function</i> , 1997, 11, 449.	0.9	3
152	Water use by strawberry in south-east England. <i>The Journal of Horticultural Science</i> , 1989, 64, 167-175.	0.3	2
153	NEW CONCEPTS IN PLANT WATER RELATIONS: RELEVANCE TO HORTICULTURAL PRODUCTION. <i>Acta Horticulturae</i> , 1997, , 371-378.	0.1	2
154	Frost protection: fundamentals, practice, and economics. Volume 1. By R. L. Snyder and J. P. de Melo-Abreu. Rome: FAO (2005), pp. 223, US\$38.00. ISBN 92-5-105328-6 Volume 2. By R. L. Snyder, J. P. de Melo-Abreu and S. Matulich. Rome: FAO (2005), pp. 64. US\$24.00. ISBN 92-5-10539-4. <i>Experimental Agriculture</i> , 2006, 42, 369-370.	0.4	2
155	Use of combined fluorescence and gas-exchange measurements to assess processes limiting photosynthesis under stress. <i>Bulletin De La Soci�t� Botanique De France Actualit�s Botaniques</i> , 1990, 137, 67-72.	0.0	1
156	AN INVESTIGATION OF FACTORS AFFECTING YIELD OF RED RASPBERRY ( <i>RUBUS</i> ) IN TAYSIDE. <i>Acta Horticulturae</i> , 2002, , 683-687.	0.1	1
157	Physicochemical and Environmental Plant Physiology. 4th edition. By Park S. Nobel. Amsterdam, Academic Press (2009), pp. 582, �54.99, ISBN 978-0-12-374143-1.. <i>Experimental Agriculture</i> , 2010, 46, 262-262. <sup>0.4</sup>	0.4	0
158	Plant Salt Tolerance: Materials and Methods. Edited by S. Shabala and T. A. Cuin. New York, Heidelberg, Dordrecht, London: Humana Press (2012), pp. 432, �109.99. ISBN 978-1-61779-985-3.. <i>Experimental Agriculture</i> , 2013, 49, 477-477.	0.4	0
159	Estimation of the Light Limitation of Photosynthesis. , 1990, , 3701-3704.		0
160	Adjusting Photosynthetic Responses to Constant Stomal Apertures. <i>Crop Science</i> , 1974, 14, 344-344.	0.8	0