Richard H Ellis

List of Publications by Year
in descending order

174 papers	8,829 citations	50273 46 h-index	53222 85 g-index
174 all docs	174 docs citations	174 times ranked	4737 citing authors

#	Article	IF	Citations
1	Improved Equations for the Prediction of Seed Longevity. Annals of Botany, 1980, 45, 13-30.	2.9	560
2	Temperature variability and the yield of annual crops. Agriculture, Ecosystems and Environment, 2000, 82, 159-167.	5.3	506
3	An Intermediate Category of Seed Storage Behaviour?. Journal of Experimental Botany, 1990, 41, 1167-1174.	4.8	371
4	Effect of High Temperature Stress at Anthesis on Grain Yield and Biomass of Field-grown Crops of Wheat. Annals of Botany, 1998, 82, 631-639.	2.9	324
5	The Influence of Temperature on Seed Germination Rate in Grain Legumes. Journal of Experimental Botany, 1986, 37, 705-715.	4.8	304
6	Water and Seed Survival. Annals of Botany, 1989, 63, 39-39.	2.9	255
7	The Influence of Temperature on Seed Germination Rate in Grain Legumes. Journal of Experimental Botany, 1986, 37, 1503-1515.	4.8	201
8	Growth and yield of winter wheat (<i>Triticum aestivum</i>) crops in response to CO₂and temperature. Journal of Agricultural Science, 1996, 127, 37-48.	1.3	182
9	Temperature and Seed Storage Longevity. Annals of Botany, 1990, 65, 197-204.	2.9	158
10	Seed and seedling vigour in relation to crop growth and yield. Plant Growth Regulation, 1992, 11, 249-255.	3.4	129
11	The Influence of Temperature and Moisture on Seed Viability Period in Barley (Hordeum distichum L.). Annals of Botany, 1980, 45, 31-37.	2.9	120
12	A Comparison of the Low-Moisture-Content Limit to the Logarithmic Relation Between Seed Moisture and Longevity in Twelve Species. Annals of Botany, 1989, 63, 601-611.	2.9	119
13	Towards the Reliable Prediction of Time to Flowering in Six Annual Crops. I. The Development of Simple Models for Fluctuating Field Environments. Experimental Agriculture, 1991, 27, 11-31.	0.9	118
14	Low Moisture Content Limits to Relations Between Seed Longevity and Moisture. Annals of Botany, 1990, 65, 493-504.	2.9	117
15	Effect of Temperature and Water Deficit on Waterâ€Use Efficiency, Carbon Isotope Discrimination, and Specific Leaf Area in Peanut. Crop Science, 1999, 39, 136-142.	1.8	116
16	A comparison of maturation drying, germination, and desiccation tolerance between developing seeds of Acer pseudoplatanus L. and Acer platanoides L. New Phytologist, 1990, 116, 589-596.	7.3	114
17	The development of seed quality in spring and winter cultivars of barley and wheat. Seed Science Research, 1992, 2, 9-15.	1.7	109
18	Effects of Temperature and Photoperiod on Flowering in Lentils (Lens culinaris Medic.). Annals of Botany, 1985, 56, 659-671.	2.9	99

#	Article	IF	Citations
19	Environmental Control of Flowering in Barley (Hordeum vulgare L.). I. Photoperiod Limits to Long-day Responses, Photoperiod-insensitive Phases and Effects of Low-temperature and Short-day Vernalization. Annals of Botany, 1988, 62, 127-144.	2.9	99
20	Dormancy, viability and longevity.. , 2000, , 183-214.		97
21	A Low-Moisture-Content Limit to Logarithmic Relations Between Seed Moisture Content and Longevity. Annals of Botany, 1988, 61, 405-408.	2.9	94
22	Effect of storage temperature and moisture on the germination of papaya seeds. Seed Science Research, 1991, 1, 69-72.	1.7	94
23	Changes in seed quality during seed development and maturation in tomato. Seed Science Research, 1992, 2, 81-87.	1.7	91
24	Seed storage behaviour in Elaeis guineensis. Seed Science Research, 1991, 1, 99-104.	1.7	90
25	The development of seed quality in spring barley in four environments. I. Germination and longevity. Seed Science Research, 1991, 1, 163-177.	1.7	90
26	Priming and re-drying improve the survival of mature seeds of Digitalis purpurea during storage. Annals of Botany, 2009, 103, 1261-1270.	2.9	86
27	The Effects of Priming and â€˜Naturalâ€™ Differences in Quality amongst Onion Seed Lots on the Response of the Rate of Germination to Temperature and the Identification of the Characteristics under Genotypic Control. Journal of Experimental Botany, 1988, 39, 935-950.	4.8	85
28	An Intermediate Category of Seed Storage Behaviour?II. EFFECTS OF PROVENANCE, IMMATURITY, AND IMBIBITION ON DESICCATION-TOLERANCE IN COFFEE. Journal of Experimental Botany, 1991, 42, 653-657.	4.8	84
29	Characterization of responses to temperature and photoperiod for time to flowering in a world lentil collection. Theoretical and Applied Genetics, 1990, 80, 193-199.	3.6	78
30	The Low-moisture-content Limit to the Negative Logarithmic Relation Between Seed Longevity and Moisture Content in Three Subspecies of Rice. Annals of Botany, 1992, 69, 53-58.	2.9	77
31	Photoperiod, Temperature, and the Interval from Sowing to Tassel Initiation in Diverse Cultivars of Maize. Crop Science, 1992, 32, 1225-1232.	1.8	77
32	The Influence of Temperature on Seed Germination Rate in Grain Legumes. Journal of Experimental Botany, 1987, 38, 1033-1043.	4.8	76
33	Photothermal Responses of Flowering in Rice (Oryza sativa). Annals of Botany, 1992, 69, 101-112.	2.9	76
34	The Influence of Genotype, Temperature and Moisture on Seed Longevity in Chickpea, Cowpea and Soya bean. Annals of Botany, 1982, 50, 69-82.	2.9	75
35	The Development of Desiccation-tolerance and Maximum Seed Quality During Seed Maturation in Six Grain Legumes. Annals of Botany, 1987, 59, 23-29.	2.9	74
36	Temperature Sensitivity of the Low-moisture-content Limit to Negative Seed Longevityâ€"Moisture Content Relationships in Hermetic Storage. Annals of Botany, 2006, 97, 785-791.	2.9	74

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37	Characterization of Photothermal Flowering Responses in Maturity Isolines of Soyabean [Glycine max (L.) Merrill] cv. Clark. Annals of Botany, 1994, 74, 87-96.	2.9	71
38	Adaptation of sorghum: characterisation of genotypic flowering responses to temperature and photoperiod. Theoretical and Applied Genetics, 1999, 99, 900-911.	3.6	69
39	Towards the Reliable Prediction of Time to Flowering in Six Annual Crops. II. Soyabean (<i>Glycine) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	67
40	Field evaluation of a model of photothermal flowering responses in a world lentil collection. Theoretical and Applied Genetics, 1994, 88-88, 423-428.	3.6	67
41	The Analysis of Reciprocal Transfer Experiments to Estimate the Durations of the Photoperiod-sensitive and Photoperiod-insensitive Phases of Plant Development: An Example in Soya Bean. Annals of Botany, 1992, 70, 87-92.	2.9	64
42	Responses of wheat grain yield and quality to seed rate. Journal of Agricultural Science, 2002, 138, 317-331.	1.3	64
43	Yield and partitioning in crops of contrasting cultivars of winter wheat in response to CO2 and temperature in field studies using temperature gradient tunnels. Journal of Agricultural Science, 1998, 130, 17-27.	1.3	62
44	High night temperature induces contrasting responses for spikelet fertility, spikelet tissue temperature, flowering characteristics and grain quality in rice. Functional Plant Biology, 2015, 42, 149.	2.1	59
45	Development of pepper (Capsicum annuum) seed quality. Annals of Applied Biology, 1992, 121, 385-399.	2.5	55
46	Durations of the Photoperiod-sensitive and Photoperiod-insensitive Phases of Development to Flowering in Four Cultivars of Rice (Oryza sativa L.). Annals of Botany, 1992, 70, 339-346.	2.9	54
47	Effect of Temperature on Time to Panicle Initiation and Leaf Appearance in Sorghum. Crop Science, 1998, 38, 942-947.	1.8	51
48	Logarithmic Relationship between Moisture Content and Longevity in Sesame Seeds. Annals of Botany, 1986, 57, 499-503.	2.9	48
49	Developmental changes in the germinability, desiccation tolerance, hardseededness, and longevity of individual seeds of Trifolium ambiguum. Annals of Botany, 2010, 105, 1035-1052.	2.9	48
50	Resilience of rice (<scp><i>O</i></scp><i>ryza</i> spp.) pollen germination and tube growth to temperature stress. Plant, Cell and Environment, 2016, 39, 26-37.	5.7	48
51	The Survival of Germinating Orthodox Seeds after Desiccation and Hermetic Storage. Journal of Experimental Botany, 1992, 43, 239-247.	4.8	46
52	Temporal patterns of seed quality development, decline, and timing of maximum quality during seed development and maturation. Seed Science Research, 2019, 29, 135-142.	1.7	45
53	Environmental Control of Flowering in Barley (Hordeum vulgare L.). II. Rate of Developement as a Function of Temperature and Photoperiod and its Modification by Low-temperature Vernalization. Annals of Botany, 1988, 62, 145-158.	2.9	44
54	Seed moisture content, storage, viability and vigour. Seed Science Research, 1991, 1, 275-279.	1.7	44

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55	Towards the Reliable Prediction of Time to Flowering in Six Annual Crops. VI. Applications in Crop Improvement. Experimental Agriculture, 1995, 31, 89-108.	0.9	43
56	Seed Quality in Relation to Seed Development and Maturation in Three Genotypes of Soyabean (Glycine) Tj ETQq0 0 0 rgBT /Overlock 1	0.9	42
57	Recovery of Photosynthesis after Environmental Stress in Soybean Grown under Elevated CO 2. Crop Science, 1998, 38, 948-955.	1.8	42
58	Effects of seed ageing on growth and yield of spring wheat at different plant-population densities. Field Crops Research, 1989, 20, 175-190.	5.1	41
59	Vernalization in Chickpea (Cicer arietinum); Fact or Artefact?. Annals of Botany, 1989, 64, 599-603.	2.9	41
60	Use of field observations to characterise genotypic flowering responses to photoperiod and temperature: a soyabean exemplar. Theoretical and Applied Genetics, 1996, 93, 519-533.	3.6	41
61	Effects of laboratory germination, soil temperature and moisture content on the emergence of spring wheat. Journal of Agricultural Science, 1986, 107, 431-438.	1.3	40
62	Seed Yield after Environmental Stress in Soybean Grown under Elevated CO 2. Crop Science, 1999, 39, 710-718.	1.8	40
63	Moisture Content and the Longevity of Seeds of Phaseolus vulgaris. Annals of Botany, 1990, 66, 341-348.	2.9	38
64	Changes in potential seed longevity and seedling growth during seed development and maturation in marrow. Seed Science Research, 1993, 3, 247-257.	1.7	38
65	Effects of Temperature, Photoperiod and Seed Vernalization on Flowering in Faba Bean Vicia faba. Annals of Botany, 1988, 61, 17-27.	2.9	37
66	Development of desiccation tolerance in Norway maple (Acer platanoides L.) seeds during maturation drying. Seed Science Research, 1992, 2, 169-172.	1.7	37
67	Towards the Reliable Prediction of Time to Flowering in Six Annual Crops. V. Chickpea (Cicer) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.9	37
68	Temperature gradient chambers for research on global environment change. II. A twin-wall tunnel system for low-stature, field-grown crops using a split heat pump. Plant, Cell and Environment, 1995, 18, 1055-1063.	5.7	37
69	Effects of Photoperiod, Temperature and Asynchrony between Thermoperiod and Photoperiod on Development to Panicle Initiation in Sorghum. Annals of Botany, 1997, 79, 169-178.	2.9	37
70	Seed storage behaviour of Fagus sylvatica and Fagus crenata. Seed Science Research, 2002, 12, 31-37.	1.7	37
71	Saturated salt solutions for humidity control and the survival of dry powder and oil formulations of Beauveria bassiana conidia. Journal of Invertebrate Pathology, 2005, 89, 136-143.	3.2	37
72	Wheat seed weight and quality differ temporally in sensitivity to warm or cool conditions during seed development and maturation. Annals of Botany, 2017, 120, 479-493.	2.9	37

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73	Variation in the Durations of the Photoperiod-sensitive and Photoperiod-insensitive Phases of Development to Flowering Among Eight Maturity Isolines of Soyabean [Glycine max (L.) Merrill]. Annals of Botany, 1994, 74, 97-101.	2.9	35
74	The effect of storage environment on the longevity of conidia of Beauveria bassiana. Mycological Research, 2001, 105, 597-602.	2.5	35
75	Variation in the Optimum Temperature for Rates of Seedling Emergence and Progress Towards Flowering Amongst Six Genotypes of Faba Bean (Vicia faba). Annals of Botany, 1988, 62, 119-126.	2.9	34
76	Durations of the Photoperiod-sensitive and Photoperiod-insensitive Phases of Development to Flowering in Four Cultivars of Soyabean [Glycine max (L.) Merrill]. Annals of Botany, 1993, 71, 389-394.	2.9	34
77	Dry Matter Partitioning in Groundnut Exposed to High Temperature Stress. Crop Science, 1997, 37, 1507-1513.	1.8	34
78	Nitrogen fertilizer and seed rate effects on Hagberg falling number of hybrid wheats and their parents are associated with ?-amylase activity, grain cavity size and dormancy. Journal of the Science of Food and Agriculture, 2005, 85, 727-742.	3.5	34
79	Seed development and maturation in early spring-flowering Galanthus nivalis and Narcissus pseudonarcissus continues post-shedding with little evidence of maturation in planta. Annals of Botany, 2013, 111, 945-955.	2.9	34
80	Adaptation of Flowering in Crops to Climate. Outlook on Agriculture, 1993, 22, 105-110.	3.4	33
81	The effects of duration of development and drying regime on the longevity of conidia of Metarhizium flavoviride. Mycological Research, 2000, 104, 662-665.	2.5	33
82	Development in Cowpea (<i>Vigna unguiculata</i>). I. The Influence of Temperature on Seed Germination and Seedling Emergence. Experimental Agriculture, 1996, 32, 1-12.	0.9	32
83	The effect of temperature and CO2on seed quality development in wheat (Triticum aestivumL.). Journal of Experimental Botany, 1996, 47, 631-637.	4.8	32
84	The Influence of Pre and Post-storage Hydration Treatments on Chromosomal Aberrations, Seedling Abnormalities, and Viability of Lettuce Seeds. Annals of Botany, 1987, 60, 97-108.	2.9	31
85	Longevity of pearl millet (Pennisetum glaucum) seeds harvested at different stages of maturity. Annals of Applied Biology, 1991, 119, 97-103.	2.5	31
86	Increases in the longevity of desiccation-phase developing rice seeds: response to high-temperature drying depends on harvest moisture content. Annals of Botany, 2015, 116, 247-259.	2.9	31
87	Survival and Vigour of Lettuce (Lactuca sativa L.) and Sunflower (Helianthus annuus L.) Seeds Stored at Low and Very-low Moisture Contents. Annals of Botany, 1995, 76, 521-534.	2.9	30
88	Crop Improvement and the Accumulation and Partitioning of Biomass and Nitrogen in Lentil. Crop Science, 2000, 40, 110-120.	1.8	30
89	Rice seed quality development and temperature during late development and maturation. Seed Science Research, 2011, 21, 95-101.	1.7	30
90	Prediction of seed longevity at sub-zero temperatures and genetic resources conservation. Nature, 1977, 268, 431-433.	27.8	29

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91	The growth, development and yield of onion (<i>Allium cepa</i>L.) in response to temperature and CO₂. The Journal of Horticultural Science, 1997, 72, 135-145.	0.3	29
92	Temporal Sensitivities of Rice Seed Development from Spikelet Fertility to Viable Mature Seed to Extremeâ€Temperature. Crop Science, 2015, 55, 354-364.	1.8	29
93	An Investigation of the Influence of Constant and Alternating Temperature on the Germination of Cassava Seed using a Two-dimensional Temperature Gradient Plate. Annals of Botany, 1982, 49, 241-246.	2.9	28
94	Loss and induction of conditional dormancy in seeds of Sitka spruce maintained moist at different temperatures. Seed Science Research, 1997, 7, 351-358.	1.7	28
95	Investigating the effects of inter-annual weather variation (1968â€“2016) on the functional response of cereal grain yield to applied nitrogen, using data from the Rothamsted Long-Term Experiments. Agricultural and Forest Meteorology, 2020, 284, 107898.	4.8	28
96	Towards the Reliable Prediction of Time to Flowering in Six Annual Crops. III. Cowpea <i>Vigna unguiculata</i>. Experimental Agriculture, 1994, 30, 17-29.	0.9	27
97	Linear Relations between Carbon Dioxide Concentration and Rate of Development Towards Flowering in Sorghum, Cowpea and Soyabean. Annals of Botany, 1995, 75, 193-198.	2.9	27
98	Fluctuating Temperature and the Longevity of Conidia of Metarhizium flavoviride in Storage. Biocontrol Science and Technology, 1999, 9, 165-176.	1.3	27
99	Towards the Reliable Prediction of Time to Flowering in Six Annual Crops. IV. Cultivated and Wild Mung Bean. Experimental Agriculture, 1994, 30, 31-43.	0.9	26
100	Mutant alleles at the rugosus loci in pea affect seed moisture sorption isotherms and the relations between seed longevity and moisture content. Journal of Experimental Botany, 2003, 54, 445-450.	4.8	26
101	Rice flowering in response to diurnal temperature amplitude. Field Crops Research, 1996, 48, 1-9.	5.1	25
102	Modelling the effects of temperature on the rates of seedling emergence and leaf appearance in legume cover crops. Experimental Agriculture, 1999, 35, 327-344.	0.9	25
103	Environmental Control of Flowering in Barley (Hordeum vulgare). III. Analysis of Potential Vernalization Responses, and Methods of Screening Germplasm for Sensitivity to Photoperiod and Temperature. Annals of Botany, 1989, 63, 687-704.	2.9	24
104	Seed quality, cotyledon elongation at suboptimal temperatures, and the yield of onion. Seed Science Research, 1991, 1, 57-67.	1.7	24
105	Rates of leaf appearance and panicle development in rice (Oryza sativa L.): a comparison at three temperatures. Agricultural and Forest Meteorology, 1993, 66, 129-138.	4.8	24
106	Development in Cowpea (<i>Vigna unguiculata</i>). III. Effects of Temperature and Photoperiod on Time to Flowering in Photoperiod-sensitive Genotypes and Screening for Photothermal Responses. Experimental Agriculture, 1996, 32, 29-40.	0.9	23
107	Developmental and tillering responses of winter wheat (<i>Triticum aestivuni</i>) crops to CO₂and temperature. Journal of Agricultural Science, 1996, 127, 23-35.	1.3	23
108	Medium-term seed storage of 50 genera of forage legumes and evidence-based genebank monitoring intervals. Genetic Resources and Crop Evolution, 2018, 65, 607-623.	1.6	23

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109	Flowering in Faba Bean: Genotypic Differences in Photoperiod Sensitivity, Similarities in Temperature Sensitivity, and Implications for Screening Germplasm. Annals of Botany, 1990, 65, 129-138.	2.9	22
110	Relative humidity, temperature, and the equilibrium moisture content of conidia of Beauveria bassiana (Balsamo) Vuillemin: a quantitative approach. Journal of Stored Products Research, 2002, 38, 33-41.	2.6	22
111	Quantal Response of Seed Germination inBrachiaria humidicola, Echinochloa turnerana, Eragrostis tefandPanicum maximumto Photon Dose for the Low Energy Reaction and the High Irradiance Reaction. Journal of Experimental Botany, 1986, 37, 742-753.	4.8	21
112	THE RESPONSE OF SEEDS OF BROMUS STERILIS L. AND BROMUS MOLLIS L. TO WHITE LIGHT OF VARYING PHOTON FLUX DENSITY AND PHOTOPERIOD. New Phytologist, 1986, 104, 485-496.	7.3	21
113	Photothermal Time for Flowering in Faba Bean (Vicia faba) and the Analysis of Potential Vernalization Responses. Annals of Botany, 1988, 61, 73-82.	2.9	21
114	Photothermal Time for Flowering in Lentils (Lens culinaris) and the Analysis of Potential Vernalization Responses. Annals of Botany, 1988, 61, 29-39.	2.9	21
115	A Model of the Effect of Temperature and Moisture on Pollen Longevity in Air-dry Storage Environments. Annals of Botany, 1999, 83, 167-173.	2.9	21
116	Escape and tolerance to high temperature at flowering in groundnut (Arachis hypogaea L.). Journal of Agricultural Science, 2000, 135, 371-378.	1.3	21
117	The development of seed quality in spring barley in four environments. II. Field emergence and seedling size. Seed Science Research, 1991, 1, 179-185.	1.7	19
118	Development in Cowpea (<i>Vigna unguiculata</i>). II. Effect of Temperature and Saturation Deficit on Time to Flowering in Photoperiod-Insensitive Genotypes. Experimental Agriculture, 1996, 32, 13-28.	0.9	19
119	How to store seeds to conserve biodiversity. Nature, 1998, 395, 758-758.	27.8	19
120	Environmental and genetic regulation of flowering of tropical annual crops. Euphytica, 1997, 96, 83-91.	1.2	18
121	Post-abscission, pre-dispersal seeds of Digitalis purpurea remain in a developmental state that is not terminated by desiccation ex planta. Annals of Botany, 2009, 103, 785-794.	2.9	18
122	Ecophysiology of seed dormancy and the control of germination in early spring-flowering<i>Galanthus nivalis</i>and<i>Narcissus pseudonarcissus</i>(Amaryllidaceae). Botanical Journal of the Linnean Society, 2015, 177, 246-262.	1.6	18
123	Effect of simulated rainfall during wheat seed development and maturation on subsequent seed longevity is reversible. Seed Science Research, 2016, 26, 67-76.	1.7	18
124	Effects of rain shelter or simulated rain during grain filling and maturation on subsequent wheat grain quality in the UK. Journal of Agricultural Science, 2017, 155, 300-316.	1.3	18
125	Progress and Challenges in Ex Situ Conservation of Forage Germplasm: Grasses, Herbaceous Legumes and Fodder Trees. Plants, 2020, 9, 446.	3.5	18
126	An Investigation into the Possible Effects of Ripeness and Repeated Threshing on Barley Seed Longevity under Six Different Storage Environments. Annals of Botany, 1981, 48, 93-96.	2.9	17

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127	High-temperature stress during drying improves subsequent rice (Oryza sativa L.) seed longevity. Seed Science Research, 2017, 27, 281-291.	1.7	17
128	The effect of the initial rate of drying on the subsequent ability of immature seeds of Norway maple (Acer platanoidesL.) to survive rapid desiccation. Seed Science Research, 1997, 7, 41-46.	1.7	16
129	Seed quality in rice is most sensitive to drought and high temperature in early seed development. Seed Science Research, 2019, 29, 238-249.	1.7	15
130	CGIAR genebank viability data reveal inconsistencies in seed collection management. Global Food Security, 2021, 30, 100557.	8.1	15
131	Temporal patterns of seed germination in early spring-flowering temperate woodland geophytes are modified by warming. Annals of Botany, 2020, 125, 1013-1023.	2.9	12
132	Overcoming seed dormancy in ex situ plant germplasm conservation programmes; an example in the endemic Argyranthemum (Asteraceae: Anthemideae) species from the Canary Islands. Biodiversity and Conservation, 1994, 3, 341-353.	2.6	11
133	Reimposition of conditional dormancy during air-dry storage of prechilled Sitka spruce seeds. Seed Science Research, 1998, 8, 113-122.	1.7	11
134	Response of Seed Longevity to Moisture Content in Three Genotypes of Soyabean <i>(GLYCINE MAX)</i>. Experimental Agriculture, 1993, 29, 449-459.	0.9	10
135	Yieldâ€density equations can be extended to quantify the effect of applied nitrogen and cultivar on wheat grain yield. Annals of Applied Biology, 1999, 134, 347-352.	2.5	10
136	Seed dormancy and germination of Ficus lundellii and tropical forest restoration. Tree Physiology, 2006, 26, 81-85.	3.1	10
137	Development of ability to germinate and of longevity in air-dry storage in wheat seed crops subjected to rain shelter or simulated supplementary rainfall. Seed Science Research, 2016, 26, 332-341.	1.7	10
138	Seed quality and seedling emergence in onion<i>(Allium cepa</i>L.). The Journal of Horticultural Science, 1992, 67, 319-332.	0.3	9
139	Relative Importance of Air and Floodwater Temperatures on the Development of Rice (Oryza Sativa). Experimental Agriculture, 1995, 31, 151-160.	0.9	9
140	Effect of simulated flooding during rice seed development and maturation on subsequent seed quality. Seed Science Research, 2018, 28, 72-81.	1.7	9
141	Medium-term seed storage of diverse genera of forage grasses, evidence-based genebank monitoring intervals, and regeneration standards. Genetic Resources and Crop Evolution, 2019, 66, 723-734.	1.6	9
142	Collection, Consumption, and Sale of Lusala (Dioscorea hirtiflora)â€"a Wild Yamâ€"by Rural Households in Southern Province, Zambia. Economic Botany, 2019, 73, 47-63.	1.7	9
143	Germination of Stored Cassava Seed at Constant and Alternating Temperatures. Annals of Botany, 1979, 44, 677-684.	2.9	8
144	Acclimation of photosynthesis to elevated CO2 in onion (Allium cepa) grown at a range of temperatures. Annals of Applied Biology, 2004, 144, 103-111.	2.5	8

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145	Prediction of cottonseed longevity. Pesquisa Agropecuaria Brasileira, 2006, 41, 1435-1441.	0.9	8
146	Canopy development and tillering of field-grown crops of two contrasting cultivars of winter wheat (Triticum aestivum) in response to CO2and temperature. Annals of Applied Biology, 1998, 133, 101-109.	2.5	7
147	Seed Development, Maturation and Storage Behaviour of Mimusops elengi L.. New Forests, 2006, 32, 9-19.	1.7	7
148	Response of Seed Germination in Three Genera of Compositae to White Light of Varying Photon Flux Density and Photoperiod. Journal of Experimental Botany, 1989, 40, 13-22.	4.8	6
149	Differences in the Effects of Temperature and Photoperiod on Progress to Flowering among Diverse Mucuna spp.. Journal of Agronomy and Crop Science, 1999, 182, 249-258.	3.5	6
150	Seed survival in Chilean Nothofagus in response to desiccation and storage. Seed Science Research, 2005, 15, 113-123.	1.7	6
151	Modelling Chablis vintage quality in response to inter-annual variation in weather. Oeno One, 2021, 55, 209-228.	1.4	6
152	Changes in agricultural climate in South-Eastern England from 1892 to 2016 and differences in cereal and permanent grassland yield. Agricultural and Forest Meteorology, 2021, 308-309, 108560.	4.8	6
153	Developmental Implications of Photoperiod Sensitivity in Soybean (Glycine max [L.] Merr.). International Journal of Plant Sciences, 1997, 158, 142-151.	1.3	6
154	Seed ageing, survival and the improved seed viability equation; forty years on. Seed Science and Technology, 2022, 50, 1-20.	1.4	6
155	The germination and emergence of seeds of winter oilseed rape stored and sown in admixture with pelleted methiocarb. Annals of Applied Biology, 1988, 112, 555-561.	2.5	4
156	Postharvest sprouting of onion bulbs grown in different temperature and C02environments in the UK. Journal of Horticultural Science and Biotechnology, 1998, 73, 750-754.	1.9	4
157	Validation of a Photothermal Phenology Model for Predicting Dates of Flowering and Maturity in Legume Cover Crops using Field Observations. Biological Agriculture and Horticulture, 2000, 17, 349-365.	1.0	4
158	Phenological adaptation to cropping environment. From evaluation descriptors of times to flowering to the genetic characterisation of flowering responses to photoperiod and temperature. Euphytica, 1996, 92, 281-286.	1.2	3
159	FLOWERING IN PIGEONPEA IN KENYA: SENSITIVITY TO PHOTOPERIOD AND TEMPERATURE DURING PRE-FLOWERING DEVELOPMENT. Experimental Agriculture, 1998, 34, 249-258.	0.9	3
160	Comparison of seed desiccation sensitivity amongst Castanea sativa, Quercus ilex and Q. cerris. Seed Science and Technology, 2018, 46, 233-237.	1.4	3
161	Crop physiology and productivity in the cool season food legumes: recent advances in the measurement and prediction of photothermal effects on flowering. Current Plant Science and Biotechnology in Agriculture, 1994, , 755-770.	0.0	3
162	Plant gene conservation. Nature, 1986, 319, 615-615.	27.8	2

#	Article	IF	Citations
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