

Iain S Donnison

List of Publications by Year in descending order

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126
papers

7,134
citations

47006

47
h-index

62596

80
g-index

132
all docs

132
docs citations

132
times ranked

7621
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of lignin and inorganic species in biomass on pyrolysis oil yields, quality and stability. <i>Fuel</i> , 2008, 87, 1230-1240.	6.4	477
2	The effect of alkali metals on combustion and pyrolysis of <i>Lolium</i> and <i>Festuca</i> grasses, switchgrass and willow. <i>Fuel</i> , 2007, 86, 1560-1569.	6.4	337
3	Fermentation study on <i>Saccharina latissima</i> for bioethanol production considering variable pre-treatments. <i>Journal of Applied Phycology</i> , 2009, 21, 569-574.	2.8	325
4	Seasonal variation in the chemical composition of the bioenergy feedstock <i>Laminaria digitata</i> for thermochemical conversion. <i>Bioresource Technology</i> , 2011, 102, 226-234.	9.6	204
5	Seasonal variation in <i>Laminaria digitata</i> and its impact on biochemical conversion routes to biofuels. <i>Bioresource Technology</i> , 2011, 102, 9976-9984.	9.6	194
6	Influence of particle size on the analytical and chemical properties of two energy crops. <i>Fuel</i> , 2007, 86, 60-72.	6.4	192
7	Environmental costs and benefits of growing <i>Miscanthus</i> for bioenergy in the UK. <i>GCB Bioenergy</i> , 2017, 9, 489-507.	5.6	183
8	Cross-Species Identification of Mendel's I Locus. <i>Science</i> , 2007, 315, 73-73.	12.6	168
9	Molecular cloning, functional expression and characterisation of RCC reductase involved in chlorophyll catabolism. <i>Plant Journal</i> , 2000, 21, 189-198.	5.7	160
10	Progress on Optimizing <i>Miscanthus</i> Biomass Production for the European Bioeconomy: Results of the EU FP7 Project OPTIMISC. <i>Frontiers in Plant Science</i> , 2016, 7, 1620.	3.6	160
11	Progress in upscaling <i>Miscanthus</i> biomass production for the European bioeconomy with seed-based hybrids. <i>GCB Bioenergy</i> , 2017, 9, 6-17.	5.6	156
12	Variation in <i>Miscanthus</i> chemical composition and implications for conversion by pyrolysis and thermo-chemical bio-refining for fuels and chemicals. <i>Bioresource Technology</i> , 2011, 102, 3411-3418.	9.6	142
13	Red clover (<i>Trifolium pratense</i> L.) draft genome provides a platform for trait improvement. <i>Scientific Reports</i> , 2015, 5, 17394.	3.3	136
14	Breeding progress and preparedness for mass-scale deployment of perennial lignocellulosic biomass crops switchgrass, miscanthus, willow and poplar. <i>GCB Bioenergy</i> , 2019, 11, 118-151.	5.6	116
15	New opportunities for the exploitation of energy crops by thermochemical conversion in Northern Europe and the UK. <i>Progress in Energy and Combustion Science</i> , 2012, 38, 138-155.	31.2	114
16	Alignment of the Genomes of <i>Brachypodium distachyon</i> and Temperate Cereals and Grasses Using Bacterial Artificial Chromosome Landing With Fluorescence <i>In Situ</i> Hybridization. <i>Genetics</i> , 2006, 173, 349-362.	2.9	108
17	Identification of genes involved in cell wall biogenesis in grasses by differential gene expression profiling of elongating and non-elongating maize internodes. <i>Journal of Experimental Botany</i> , 2011, 62, 3545-3561.	4.8	107
18	Characterisation of Nature-Based Solutions for the Built Environment. <i>Sustainability</i> , 2017, 9, 149.	3.2	106

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19	Synteny between a major heading-date QTL in perennial ryegrass (<i>Lolium perenne</i> L.) and the Hd3 heading-date locus in rice. <i>Theoretical and Applied Genetics</i> , 2004, 108, 822-828.	3.6	104
20	Genotypic and environmentally derived variation in the cell wall composition of <i>Miscanthus</i> in relation to its use as a biomass feedstock. <i>Biomass and Bioenergy</i> , 2010, 34, 652-660.	5.7	103
21	High Resolution Genetic Mapping by Genome Sequencing Reveals Genome Duplication and Tetraploid Genetic Structure of the Diploid <i>Miscanthus sinensis</i> . <i>PLoS ONE</i> , 2012, 7, e33821.	2.5	103
22	Endophytic bacteria in <i>Miscanthus</i> seed: implications for germination, vertical inheritance of endophytes, plant evolution and breeding. <i>GCB Bioenergy</i> , 2017, 9, 57-77.	5.6	99
23	From crop to model to crop: identifying the genetic basis of the staygreen mutation in the <i>Lolium</i> / <i>Festuca</i> forage and amenity grasses. <i>New Phytologist</i> , 2006, 172, 592-597.	7.3	98
24	The control of chlorophyll catabolism and the status of yellowing as a biomarker of leaf senescence. <i>Plant Biology</i> , 2008, 10, 4-14.	3.8	96
25	Genome-wide association studies and prediction of 17 traits related to phenology, biomass and cell wall composition in the energy grass <i>Miscanthus sinensis</i> . <i>New Phytologist</i> , 2014, 201, 1227-1239.	7.3	96
26	Prediction of Klason lignin and lignin thermal degradation products by Py-GC/MS in a collection of <i>Lolium</i> and <i>Festuca</i> grasses. <i>Journal of Analytical and Applied Pyrolysis</i> , 2007, 80, 16-23.	5.5	92
27	What staygreen mutants tell us about nitrogen remobilization in leaf senescence. <i>Journal of Experimental Botany</i> , 2002, 53, 801-808.	4.8	90
28	Leaf senescence is delayed in maize expressing the <i>Agrobacterium</i> IPT gene under the control of a novel maize senescence-enhanced promoter. <i>Plant Biotechnology Journal</i> , 2004, 2, 101-112.	8.3	90
29	Molecular cytogenetics and DNA sequence analysis of an apomixis-linked BAC in <i>Paspalum simplex</i> reveal a non pericentromere location and partial microcolinearity with rice. <i>Theoretical and Applied Genetics</i> , 2006, 112, 1179-1191.	3.6	90
30	<i>Miscanthus</i> as a feedstock for fast-pyrolysis: Does agronomic treatment affect quality?. <i>Bioresource Technology</i> , 2010, 101, 6185-6191.	9.6	89
31	Isolation of Y Chromosome-Specific Sequences From <i>Silene latifolia</i> and Mapping of Male Sex-Determining Genes Using Representational Difference Analysis. <i>Genetics</i> , 1996, 144, 1893-1901.	2.9	87
32	Consensus, uncertainties and challenges for perennial bioenergy crops and land use. <i>GCB Bioenergy</i> , 2018, 10, 150-164.	5.6	80
33	Characterization of flowering time diversity in <i>Miscanthus</i> species. <i>GCB Bioenergy</i> , 2011, 3, 387-400.	5.6	76
34	Genotypic variation in cell wall composition in a diverse set of 244 accessions of <i>Miscanthus</i> . <i>Biomass and Bioenergy</i> , 2011, 35, 4740-4747.	5.7	74
35	Nitrogen management and senescence in two maize hybrids differing in the persistence of leaf greenness: agronomic, physiological and molecular aspects. <i>New Phytologist</i> , 2005, 167, 483-492.	7.3	67
36	Genome biology of the paleotetraploid perennial biomass crop <i>Miscanthus</i> . <i>Nature Communications</i> , 2020, 11, 5442.	12.8	67

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37	Accelerating the domestication of a bioenergy crop: identifying and modelling morphological targets for sustainable yield increase in <i>Miscanthus</i> . <i>Journal of Experimental Botany</i> , 2013, 64, 4143-4155.	4.8	66
38	Isolation, identification and quantitation of hydroxycinnamic acid conjugates, potential platform chemicals, in the leaves and stems of <i>Miscanthus giganteus</i> using LC-ESI-MS. <i>Phytochemistry</i> , 2011, 72, 2376-2384.	2.9	65
39	Phenotypic Variation in Senescence in <i>Miscanthus</i> : Towards Optimising Biomass Quality and Quantity. <i>Bioenergy Research</i> , 2012, 5, 95-105.	3.9	63
40	Measurement of key compositional parameters in two species of energy grass by Fourier transform infrared spectroscopy. <i>Bioresource Technology</i> , 2009, 100, 6428-6433.	9.6	55
41	Chlorophyll breakdown in <i>Chlorella protothecoides</i> : characterization of degreening and cloning of degreening-related genes. <i>Plant Molecular Biology</i> , 2000, 42, 439-450.	3.9	53
42	Construction and screening of BAC libraries made from <i>Brachypodium</i> genomic DNA. <i>Nature Protocols</i> , 2007, 2, 1661-1674.	12.0	53
43	Quantification of hydroxycinnamic acids and lignin in perennial forage and energy grasses by Fourier-transform infrared spectroscopy and partial least squares regression. <i>Bioresource Technology</i> , 2009, 100, 1252-1261.	9.6	53
44	Life cycle assessment of the integrated generation of solid fuel and biogas from biomass (IFBB) in comparison to different energy recovery, animal-based and non-refining management systems. <i>Bioresource Technology</i> , 2012, 111, 230-239.	9.6	53
45	Chlorophyll catabolism and gene expression in the peel of ripening banana fruits. <i>Physiologia Plantarum</i> , 1999, 107, 32-38.	5.2	50
46	Single pollen typing combined with laser-mediated manipulation. <i>Plant Journal</i> , 1999, 20, 371-378.	5.7	50
47	Introgression, tagging and expression of a leaf senescence gene in <i>Festulolium</i> . <i>New Phytologist</i> , 1997, 137, 29-34.	7.3	49
48	Modification of senescence in ryegrass transformed with IPT under the control of a monocot senescence-enhanced promoter. <i>Plant Cell Reports</i> , 2004, 22, 816-821.	5.6	49
49	Effect of nitrogen fertiliser application on cell wall composition in switchgrass and reed canary grass. <i>Biomass and Bioenergy</i> , 2012, 40, 19-26.	5.7	49
50	Flowering induction in the bioenergy grass <i>Miscanthus sacchariflorus</i> is a quantitative short-day response, whilst delayed flowering under long days increases biomass accumulation. <i>Journal of Experimental Botany</i> , 2013, 64, 541-552.	4.8	48
51	Direct fermentation of fodder maize, chicory fructans and perennial ryegrass to hydrogen using mixed microflora. <i>Bioresource Technology</i> , 2008, 99, 8833-8839.	9.6	46
52	Identification of perennial ryegrass (<i>Lolium perenne</i> (L.)) and meadow fescue (<i>Festuca pratensis</i>) through comparative mapping and microsynteny. <i>New Phytologist</i> , 2005, 167, 239-247.	7.3	44
53	Modification of nitrogen remobilization, grain fill and leaf senescence in maize (<i>Zea mays</i>) by transposon insertional mutagenesis in a protease gene. <i>New Phytologist</i> , 2007, 173, 481-494.	7.3	42
54	Characterization of chilling-shock responses in four genotypes of <i>Miscanthus</i> reveals the superior tolerance of <i>M. giganteus</i> compared with <i>M. sinensis</i> and <i>M. sacchariflorus</i> . <i>Annals of Botany</i> , 2013, 111, 999-1013.	2.9	40

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55	Mineral concentrations in solid fuels from European semi-natural grasslands after hydrothermal conditioning and subsequent mechanical dehydration. <i>Bioresource Technology</i> , 2012, 118, 332-342.	9.6	39
56	Expanding the biomass resource: sustainable oil production via fast pyrolysis of low input high diversity biomass and the potential integration of thermochemical and biological conversion routes. <i>Applied Energy</i> , 2016, 177, 852-862.	10.1	39
57	Phenomics analysis of drought responses in <i>Miscanthus</i> collected from different geographical locations. <i>GCB Bioenergy</i> , 2017, 9, 78-91.	5.6	39
58	Seasonal Carbohydrate Dynamics and Climatic Regulation of Senescence in the Perennial Grass, <i>Miscanthus</i> . <i>Bioenergy Research</i> , 2015, 8, 28-41.	3.9	38
59	Expression, purification and use of the soluble domain of <i>Lactobacillus paracasei</i> Î ² -fructosidase to optimise production of bioethanol from grass fructans. <i>Bioresource Technology</i> , 2010, 101, 4395-4402.	9.6	37
60	Impact of <i>Miscanthus x giganteus</i> senescence times on fast pyrolysis bio-oil quality. <i>Bioresource Technology</i> , 2013, 129, 335-342.	9.6	36
61	Variation in canopy duration in the perennial biofuel crop <i>Miscanthus</i> reveals complex associations with yield. <i>Journal of Experimental Botany</i> , 2013, 64, 2373-2383.	4.8	36
62	Characterisation of a cysteine protease cDNA from <i>Lolium multiflorum</i> leaves and its expression during senescence and cytokinin treatment. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000, 1492, 233-236.	2.4	33
63	Identification of coincident QTL for days to heading, spike length and spikelets per spike in <i>Lolium perenne</i> L.. <i>Euphytica</i> , 2009, 166, 61-70.	1.2	33
64	Thermal requirements for seed germination in <i>Miscanthus</i> compared with Switchgrass (<i>Panicum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	5.6	33
65	Molecular tagging of a senescence gene by introgression mapping of a stayâ€green mutation from <i>Festuca pratensis</i> . <i>New Phytologist</i> , 2005, 165, 801-806.	7.3	31
66	Identification of an extensive gene cluster among a family of PPOs in <i>Trifolium pratense</i> L. (red clover) using a large insert BAC library. <i>BMC Plant Biology</i> , 2009, 9, 94.	3.6	31
67	Comparative Analyses Between <i>Lolium</i> / <i>Festuca</i> Introgression Lines and Rice Reveal the Major Fraction of Functionally Annotated Gene Models Is Located in Recombination-Poor/Very Recombination-Poor Regions of the Genome. <i>Genetics</i> , 2007, 177, 597-606.	2.9	30
68	Radiation capture and conversion efficiencies of <i>Miscanthus sacchariflorus</i> , <i>M. sinensis</i> and their naturally occurring hybrid <i>M. x giganteus</i> . <i>GCB Bioenergy</i> , 2017, 9, 385-399.	5.6	29
69	Contrasting geographic patterns of genetic variation for molecular markers vs. phenotypic traits in the energy grass <i>Miscanthus sinensis</i> . <i>GCB Bioenergy</i> , 2013, 5, 562-571.	5.6	28
70	Breeding Strategies to Improve <i>Miscanthus</i> as a Sustainable Source of Biomass for Bioenergy and Biorenewable Products. <i>Agronomy</i> , 2019, 9, 673.	3.0	28
71	Partial isolation of the genomic region linked with apomixis in <i>Paspalum simplex</i> . <i>Molecular Breeding</i> , 2011, 28, 265-276.	2.1	27
72	Can the optimisation of pop-up agriculture in remote communities help feed the world?. <i>Global Food Security</i> , 2018, 18, 35-43.	8.1	26

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73	Towards <i>Miscanthus</i> combustion quality improvement: the role of flowering and senescence. <i>GCB Bioenergy</i> , 2017, 9, 891-908.	5.6	25
74	Exploring design principles of biological and living building envelopes: what can we learn from plant cell walls?. <i>Intelligent Buildings International</i> , 2018, 10, 78-102.	2.3	24
75	Breeding for Bio-ethanol Production in <i>Lolium perenne</i> L.: Association of Allelic Variation with High Water-Soluble Carbohydrate Content. <i>Bioenergy Research</i> , 2012, 5, 149-157.	3.9	23
76	Energetic conversion of European semi-natural grassland silages through the integrated generation of solid fuel and biogas from biomass: Energy yields and the fate of organic compounds. <i>Bioresource Technology</i> , 2014, 154, 192-200.	9.6	23
77	Review: Improving the Impact of Plant Science on Urban Planning and Design. <i>Buildings</i> , 2016, 6, 48.	3.1	22
78	Construction of a <i>Festuca pratensis</i> BAC library for map-based cloning in <i>Festulolium</i> substitution lines. <i>Theoretical and Applied Genetics</i> , 2005, 110, 846-851.	3.6	21
79	Construction of two <i>Lolium perenne</i> BAC libraries and identification of BACs containing candidate genes for disease resistance and forage quality. <i>Molecular Breeding</i> , 2006, 19, 15-23.	2.1	21
80	Co-production of ethanol and squalene using a <i>Saccharomyces cerevisiae</i> ERG1 (squalene epoxidase) mutant and agro-industrial feedstock. <i>Biotechnology for Biofuels</i> , 2014, 7, 133.	6.2	21
81	An interyear comparison of CO_2 flux and carbon budget at a commercial-scale land-use transition from semi-improved grassland to <i>Miscanthus x giganteus</i> . <i>GCB Bioenergy</i> , 2017, 9, 229-245.	5.6	21
82	Introgression mapping in the grasses. <i>Chromosome Research</i> , 2007, 15, 105-113.	2.2	20
83	Potential sources of high value chemicals from leaves, stems and flowers of <i>Miscanthus sinensis</i> "Goliath"™ and <i>Miscanthus sacchariflorus</i> . <i>Phytochemistry</i> , 2013, 92, 160-167.	2.9	20
84	Morphological and Physiological Traits that Explain Yield Response to Drought Stress in <i>Miscanthus</i> . <i>Agronomy</i> , 2020, 10, 1194.	3.0	18
85	Non-structural carbohydrate profiles and ratios between soluble sugars and starch serve as indicators of productivity for a bioenergy grass. <i>AoB PLANTS</i> , 2015, 7, plv032-plv032.	2.3	17
86	Diversification and use of bioenergy to maintain future grasslands. <i>Food and Energy Security</i> , 2016, 5, 67-75.	4.3	17
87	Predicting future biomass yield in <i>Miscanthus</i> using the carbohydrate metabolic profile as a biomarker. <i>GCB Bioenergy</i> , 2017, 9, 1264-1278.	5.6	17
88	The Effect of Red & Blue Rich LEDs vs Fluorescent Light on Lollo Rosso Lettuce Morphology and Physiology. <i>Frontiers in Plant Science</i> , 2021, 12, 603411.	3.6	17
89	Producing Enhanced Yield and Nutritional Pigmentation in Lollo Rosso Through Manipulating the Irradiance, Duration, and Periodicity of LEDs in the Visible Region of Light. <i>Frontiers in Plant Science</i> , 2020, 11, 598082.	3.6	16
90	Plants and architecture: the role of biology and biomimetics in materials development for buildings. <i>Intelligent Buildings International</i> , 2019, 11, 178-211.	2.3	15

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91	Co-production of 11 β -hydroxyprogesterone and ethanol using recombinant yeast expressing fungal steroid hydroxylases. <i>Biotechnology for Biofuels</i> , 2017, 10, 226.	6.2	14
92	Expression of bacterial levanase in yeast enables simultaneous saccharification and fermentation of grass juice to bioethanol. <i>Bioresource Technology</i> , 2011, 102, 1503-1508.	9.6	13
93	Bioenergy as a biodiversity management tool and the potential of a mixed species feedstock for bioenergy production in Wales. <i>Bioresource Technology</i> , 2013, 129, 142-149.	9.6	13
94	Genetic relationships between spring emergence, canopy phenology, and biomass yield increase the accuracy of genomic prediction in <i>Miscanthus</i> . <i>Journal of Experimental Botany</i> , 2017, 68, 5093-5102.	4.8	13
95	Soil nitrous oxide flux following land-use reversion from <i>Miscanthus</i> and SRC willow to perennial ryegrass. <i>GCB Bioenergy</i> , 2018, 10, 914-929.	5.6	13
96	Collecting wild <i>Miscanthus</i> germplasm in Asia for crop improvement and conservation in Europe whilst adhering to the guidelines of the United Nations' Convention on Biological Diversity. <i>Annals of Botany</i> , 2019, 124, 591-604.	2.9	13
97	Measured and modelled effect of land-use change from temperate grassland to <i>Miscanthus</i> on soil carbon stocks after 12 years. <i>GCB Bioenergy</i> , 2019, 11, 1173-1186.	5.6	13
98	Scanning Electron Microscopy and Fermentation Studies on Selected Known Maize Starch Mutants Using STARGEN's Enzyme Blends. <i>Bioenergy Research</i> , 2012, 5, 330-340.	3.9	12
99	Co-production of bioethanol and probiotic yeast biomass from agricultural feedstock: application of the rural biorefinery concept. <i>AMB Express</i> , 2014, 4, 64.	3.0	12
100	Designing Biomass Crops with Improved Calorific Content and Attributes for Burning: a UK Perspective. <i>Biotechnology in Agriculture and Forestry</i> , 2010, , 25-55.	0.2	11
101	Could <i>Miscanthus</i> replace maize as the preferred substrate for anaerobic digestion in the United Kingdom? Future breeding strategies. <i>GCB Bioenergy</i> , 2017, 9, 1122-1139.	5.6	10
102	Genomic index selection provides a pragmatic framework for setting and refining multi-objective breeding targets in <i>Miscanthus</i> . <i>Annals of Botany</i> , 2019, 124, 521-529.	2.9	10
103	Biomass gasification of hybrid seed <i>Miscanthus</i> in Glasgow's downdraft gasifier testbed system. <i>Energy Procedia</i> , 2019, 158, 1174-1181.	1.8	9
104	Soil N ₂ O emissions with different reduced tillage methods during the establishment of <i>Miscanthus</i> in temperate grassland. <i>GCB Bioenergy</i> , 2019, 11, 539-549.	5.6	9
105	Screening for potential co-products in a <i>Miscanthus sinensis</i> mapping family by liquid chromatography with mass spectrometry detection. <i>Phytochemistry</i> , 2014, 105, 186-196.	2.9	8
106	Linkage mapping evidence for a syntenic QTL associated with flowering time in perennial C 4 rhizomatous grasses <i>Miscanthus</i> and switchgrass. <i>GCB Bioenergy</i> , 2021, 13, 98-111.	5.6	8
107	Evolutionary hierarchies of conserved blocks in 5'-noncoding sequences of dicot <i>rbcS</i> genes. <i>BMC Evolutionary Biology</i> , 2007, 7, 51.	3.2	7
108	Developing <i>Miscanthus</i> for Bioenergy. <i>RSC Energy and Environment Series</i> , 2010, , 301-321.	0.5	7

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109	Research Spotlight: The ELUM project: Ecosystem Land-Use Modeling and Soil Carbon GHG Flux Trial. <i>Biofuels</i> , 2014, 5, 111-116.	2.4	7
110	Evapotranspiration model comparison and an estimate of field scale <i>Miscanthus</i> canopy precipitation interception. <i>GCB Bioenergy</i> , 2018, 10, 353-366.	5.6	7
111	Press fluid pre-treatment optimisation of the integrated generation of solid fuel and biogas from biomass (IFBB) process approach. <i>Bioresource Technology</i> , 2014, 169, 537-542.	9.6	6
112	Soil & Water Assessment Tool (SWAT) simulated hydrological impacts of land use change from temperate grassland to energy crops: A case study in western UK. <i>GCB Bioenergy</i> , 2019, 11, 1298-1317.	5.6	5
113	Partitioning of ecosystem respiration of CO_2 released during land use transition from temperate agricultural grassland to <i>Miscanthus</i> – <i>giganteus</i> . <i>GCB Bioenergy</i> , 2017, 9, 710-724.	5.6	4
114	Draft genome assembly of the biofuel grass crop <i>Miscanthus sacchariflorus</i> . <i>F1000Research</i> , 2021, 10, 29.	1.6	4
115	Functional Genomics of Forage and Bioenergy Quality Traits in the Grasses. , 2009, , 111-124.		4
116	Models of floral pattern in detached flowers of <i>Silene coeli-rosa</i> (L) Godr. (Caryophyllaceae). <i>Botanical Journal of the Linnean Society</i> , 2002, 140, 229-235.	1.6	3
117	Stem growth characteristics of high yielding <i>Miscanthus</i> correlate with yield, development and intraspecific competition within plots. <i>GCB Bioenergy</i> , 2019, 11, 1075-1085.	5.6	3
118	Mechanical stimulation in wheat triggers age- and dose-dependent alterations in growth, development and grain characteristics. <i>Annals of Botany</i> , 2021, 128, 589-603.	2.9	3
119	Bioenergy technology – balancing energy output with environmental benefits. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 150, S174-S175.	1.8	2
120	Identification of genes involved in the floral transition at the shoot apical meristem of <i>Lolium perenne</i> L. by use of suppression subtractive hybridisation. <i>Plant Growth Regulation</i> , 2009, 59, 215-225.	3.4	2
121	Design, instrumentation, and operation of a standard downdraft, laboratory-scale gasification testbed utilising novel seed-propagated hybrid <i>Miscanthus</i> pellets. <i>Applied Energy</i> , 2022, 315, 118864.	10.1	2
122	The Genetic Control of Senescence Revealed By Mapping Quantitative Trait Loci. , 0, , 171-201.		1
123	Manipulation of plant architecture for increased biomass in <i>Miscanthus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 150, S181.	1.8	0
124	A flexible quantitative methodology for the analysis of gene-flow between conventionally bred maize populations using microsatellite markers. <i>Theoretical and Applied Genetics</i> , 2011, 122, 819-829.	3.6	0
125	Determination of floral organ type in cultured <i>Silene</i> shoot apices. <i>Physiologia Plantarum</i> , 1993, 89, 315-322.	5.2	0
126	Experimental control of floral reversion in isolated shoot apices of the long-day plant <i>Silene coeli-rosa</i> . <i>Physiologia Plantarum</i> , 1994, 92, 329-335.	5.2	0