Michael J Gooding

List of Publications by Year
in descending order

53	3,002	136950 32	182427 51
papers	citations	h-index	g-index

59	59	59	3085
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photoperiod sensitivity affects flowering duration in wheat. Journal of Agricultural Science, 2017, 155, 32-43.	1.3	18
2	Temporally and Genetically Discrete Periods of Wheat Sensitivity to High Temperature. Frontiers in Plant Science, 2017, 8, 51.	3.6	30
3	Quantifying rooting at depth in a wheat doubled haploid population with introgression from wild emmer. Annals of Botany, 2017, 120, 457-470.	2.9	6
4	The Effects of Growth Environment and Agronomy onÂGrain Quality. , 2017, , 493-512.		7
5	Agronomic assessment of the wheat semi-dwarfing gene Rht8 in contrasting nitrogen treatments and water regimes. Field Crops Research, 2016, 191, 150-160.	5.1	65
6	Effect of nitrogen fertilizer application timing on nitrogen use efficiency and grain yield of winter wheat in Ireland. Irish Journal of Agricultural and Food Research, 2016, 55, 63-73.	0.4	27
7	Decimal growth stages for precision wheat production in changing environments?. Annals of Applied Biology, 2015, 166, 355-371.	2.5	39
8	Effect of <scp>R</scp>ht Alleles on the Tolerance of Wheat Grain Set to High Temperature and Drought Stress During Booting and Anthesis. Journal of Agronomy and Crop Science, 2014, 200, 36-45.	3.5	62
9	Adapting wheat in Europe for climate change. Journal of Cereal Science, 2014, 59, 245-256.	3.7	195
10	Gibberellin-responsive and -insensitive dwarfing alleles on wheat performance in contrasting tillage systems. Field Crops Research, 2013, 141, 55-62.	5.1	9
11	Asynchronous flowering and within-plant flowering diversity in wheat and the implications for crop resilience to heat. Annals of Botany, 2012, 109, 843-850.	2.9	54
12	Effect of wheat dwarfing genes on nitrogen-use efficiency. Journal of Agricultural Science, 2012, 150, 3-22.	1.3	66
13	Semi-dwarfing(Rht-B1b)improves nitrogen-use efficiency in wheat, but not at economically optimal levels of nitrogen availability. Cereal Research Communications, 2012, 40, 116-121.	1.6	11
14	Contrasting effects of dwarfing alleles and nitrogen availability on mineral concentrations in wheat grain. Plant and Soil, 2012, 360, 93-107.	3.7	25
15	Reduced height alleles (Rht) and Hagberg falling number of wheat. Journal of Cereal Science, 2012, 55, 305-311.	3.7	39
16	The competitive ability of peaâ€“barley intercrops against weeds and the interactions with crop productivity and soil N availability. Field Crops Research, 2011, 122, 264-272.	5.1	145
17	Effects of reduced height (Rht) and photoperiod insensitivity (Ppd) alleles on yield of wheat in contrasting production systems. Euphytica, 2010, 172, 169-181.	1.2	42
18	The effects of dwarfing genes on seedling root growth of wheat. Journal of Experimental Botany, 2009, 60, 2565-2573.	4.8	139

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19	Exploring options for managing strategies for peaâ€“barley intercropping using a modeling approach. European Journal of Agronomy, 2009, 31, 85-98.	4.1	43
20	Reduced height (Rht) and photoperiod insensitivity (Ppd) allele associations with establishment and early growth of wheat in contrasting production systems. Euphytica, 2009, 166, 249.	1.2	60
21	Peaâ€“barley intercropping and short-term subsequent crop effects across European organic cropping conditions. Nutrient Cycling in Agroecosystems, 2009, 85, 141-155.	2.2	40
22	A novel transcriptomic approach to identify candidate genes for grain quality traits in wheat. Plant Biotechnology Journal, 2009, 7, 401-410.	8.3	18
23	Peaâ€“barley intercropping for efficient symbiotic N2-fixation, soil N acquisition and use of other nutrients in European organic cropping systems. Field Crops Research, 2009, 113, 64-71.	5.1	222
24	CHAPTER 2: The Wheat Crop. , 2009, , 19-49.		17
25	Transcriptome analysis of grain development in hexaploid wheat. BMC Genomics, 2008, 9, 121.	2.8	183
26	The influence of winter oilseed rape (Brassica napus ssp. oleifera var. biennis) cultivar and grass genotype on the competitive balance between crop and grass weeds. Journal of Agricultural Science, 2007, 145, 329-342.	1.3	5
27	Intercropping with pulses to concentrate nitrogen and sulphur in wheat. Journal of Agricultural Science, 2007, 145, 469-479.	1.3	66
28	The influence of winter oilseed rape (Brassica napus ssp. oleifera var. biennis) canopy size on grass weed growth and grass weed seed return. Journal of Agricultural Science, 2007, 145, 313-327.	1.3	5
29	Recovery of nitrogen from different sources following applications to winter wheat at and after anthesis. Field Crops Research, 2007, 100, 143-154.	5.1	54
30	Transmission properties of Iranian wheat stripe virus. Australasian Plant Pathology, 2007, 36, 354.	1.0	5
31	Modelling simultaneously water content and dry matter dynamics of wheat grains. Field Crops Research, 2006, 95, 49-63.	5.1	56
32	Genotype and fungicide effects on late-season root growth of winter wheat. Plant and Soil, 2006, 284, 33-44.	3.7	48
33	Molecular characterization of Iranian wheat stripe virus shows its taxonomic position as a distinct species in the genus Tenuivirus. Archives of Virology, 2006, 151, 217-227.	2.1	7
34	Fungicide and cultivar affect post-anthesis patterns of nitrogen uptake, remobilization and utilization efficiency in wheat. Journal of Agricultural Science, 2005, 143, 503-518.	1.3	44
35	A temporal limit to the association between flag leaf life extension by fungicides and wheat yields. European Journal of Agronomy, 2005, 22, 363-373.	4.1	34
36	Delaying senescence of wheat with fungicides has interacting effects with cultivar on grain sulphur concentration but not with sulphur yield or nitrogen:sulphur ratios. European Journal of Agronomy, 2005, 22, 405-416.	4.1	14

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37	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
38	Heterosis for yield and its physiological determinants in wheat. Euphytica, 2005, 142, 149-159.	1.2	26
39	The effects of irrigation, nitrogen fertilizer and grain size on Hagberg falling number, specific weight and blackpoint of winter wheat. Journal of the Science of Food and Agriculture, 2004, 84, 227-236.	3.5	25
40	Heterotic and seed rate effects on nitrogen efficiencies in wheat. Journal of Agricultural Science, 2004, 142, 639-657.	1.3	16
41	Effects of Restricted Water Availability and Increased Temperature on the Grain Filling, Drying and Quality of Winter Wheat. Journal of Cereal Science, 2003, 37, 295-309.	3.7	263
42	The effects of adding picoxystrobin, azoxystrobin and nitrogen to a triazole programme on disease control, flag leaf senescence, yield and grain quality of winter wheat. Crop Protection, 2003, 22, 975-987.	2.1	69
43	The effects of triazole and strobilurin fungicide programmes on nitrogen uptake, partitioning, remobilization and grain N accumulation in winter wheat cultivars. Journal of Agricultural Science, 2003, 140, 395-407.	1.3	84
44	Responses of wheat grain yield and quality to seed rate. Journal of Agricultural Science, 2002, 138, 317-331.	1.3	64
45	The influence of foliar diseases, and their control by fungicides, on the protein concentration in wheat grain: a review. Journal of Agricultural Science, 2002, 138, 349-366.	1.3	98
46	The effects of fungicides on Hagberg falling number and blackpoint in winter wheat. Crop Protection, 2002, 21, 475-487.	2.1	38
47	Pattern of grain set in boron-deficient and cold-stressed wheat (Triticum aestivum L.). Journal of Agricultural Science, 2000, 134, 25-31.	1.3	12
48	Models of wheat grain quality considering climate, cultivar and nitrogen effects. Agricultural and Forest Meteorology, 1999, 94, 159-170.	4.8	91
49	Cold temperatures and boron deficiency caused grain set failure in spring wheat (Triticum aestivum) Tj ETQq1 1 0.784314 rgBT /Over	5.1	50
50	The use of residual maximum likelihood to model grain quality characters of wheat with variety, climatic and nitrogen fertilizer effects. Journal of Agricultural Science, 1997, 128, 135-142.	1.3	17
51	Effects of late-season applications of propiconazole and tridemorph on disease, senescence, grain development and the breadmaking quality of winter wheat. Crop Protection, 1994, 13, 362-370.	2.1	43
52	Foliar urea fertilization of cereals: A review. Fertilizer Research, 1992, 32, 209-222.	0.5	157
53	Effects of spring nitrogen fertilizer on the Hagberg falling number of grain from breadmaking varieties of winter wheat. Journal of Agricultural Science, 1986, 107, 475-477.	1.3	13