

# Margaret A Pallotta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3181768/publications.pdf>

Version: 2024-02-01

24  
papers

1,637  
citations

471509

17  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1991  
citing authors

#	ARTICLE	IF	CITATIONS
1	Boron-Toxicity Tolerance in Barley Arising from Efflux Transporter Amplification. <i>Science</i> , 2007, 318, 1446-1449.	12.6	422
2	RFLP mapping of manganese efficiency in barley. <i>Theoretical and Applied Genetics</i> , 2000, 101, 1100-1108.	3.6	157
3	An <i>ALMT1</i> Gene Cluster Controlling Aluminum Tolerance at the <i>Alt4</i> Locus of Rye ( <i>Secale cereale</i> L.). <i>Genetics</i> , 2008, 179, 669-682.	2.9	137
4	Variation at the <i>Nor</i> loci in triticale derived from tissue culture. <i>Theoretical and Applied Genetics</i> , 1986, 71, 637-643.	3.6	108
5	Molecular basis of adaptation to high soil boron in wheat landraces and elite cultivars. <i>Nature</i> , 2014, 514, 88-91.	27.8	106
6	Mapping of the root lesion nematode ( <i>Pratylenchus neglectus</i> ) resistance gene <i>Rlnn1</i> in wheat. <i>Theoretical and Applied Genetics</i> , 2002, 104, 874-879.	3.6	87
7	A barley activation tagging system. <i>Plant Molecular Biology</i> , 2007, 64, 329-347.	3.9	72
8	A <i>SOS3</i> homologue maps to <i>HvNax4</i> , a barley locus controlling an environmentally sensitive Na <sup>+</sup> -exclusion trait. <i>Journal of Experimental Botany</i> , 2011, 62, 1201-1216.	4.8	65
9	Somaclonal variation in wheat: genetic and cytogenetic characterisation of alcohol dehydrogenase 1 mutants. <i>Theoretical and Applied Genetics</i> , 1986, 72, 644-653.	3.6	63
10	RFLP markers associated with <i>Sr22</i> and recombination between chromosome 7A of bread wheat and the diploid species <i>Triticum boeoticum</i> . <i>Theoretical and Applied Genetics</i> , 1994, 89-89, 1039-1045.	3.6	62
11	Multiple genetic loci for zinc uptake and distribution in barley ( <i>Hordeum vulgare</i> ). <i>New Phytologist</i> , 2009, 184, 168-179.	7.3	60
12	Construction of a genetic linkage map using MFLP and identification of molecular markers linked to domestication genes in narrow-leafed lupin ( <i>Lupinus angustifolius</i> L.). <i>Cellular and Molecular Biology Letters</i> , 2005, 10, 331-44.	7.0	57
13	Characterization of the wheat endosperm transfer cell-specific protein <i>TaPR60</i> . <i>Plant Molecular Biology</i> , 2009, 71, 81-98.	3.9	46
14	Wheat <i>ms5</i> male sterility is induced by recessive homoeologous A and D genome non-specific lipid transfer proteins. <i>Plant Journal</i> , 2019, 99, 673-685.	5.7	31
15	Germanium as a tool to dissect boron toxicity effects in barley and wheat. <i>Functional Plant Biology</i> , 2013, 40, 618.	2.1	26
16	Genes and traits associated with chromosome 2H and 5H regions controlling sensitivity of reproductive tissues to frost in barley. <i>Theoretical and Applied Genetics</i> , 2009, 118, 1465-1476.	3.6	24
17	Mapping of a QTL contributing to cereal cyst nematode tolerance and resistance in wheat. <i>Australian Journal of Agricultural Research</i> , 2003, 54, 731.	1.5	18
18	The scutellar vascular bundle-specific promoter of the wheat <i>HD-Zip IV</i> transcription factor shows similar spatial and temporal activity in transgenic wheat, barley and rice. <i>Plant Biotechnology Journal</i> , 2012, 10, 43-53.	8.3	15

#	ARTICLE	IF	CITATIONS
19	Diversity in boron toxicity tolerance of Australian barley ( <i>Hordeum vulgare</i> L.) genotypes. <i>BMC Plant Biology</i> , 2015, 15, 231.	3.6	15
20	New eSSR and gSSR markers added to Australian barley maps. <i>Australian Journal of Agricultural Research</i> , 2006, 57, 953.	1.5	14
21	Construction of a barley bacterial artificial chromosome library suitable for cloning genes for boron tolerance, sodium exclusion and high grain zinc content. <i>Plant Breeding</i> , 2010, 129, 291-296.	1.9	14
22	Physical analysis of the complex rye ( <i>Secale cereale</i> L.) Alt4 aluminium (aluminum) tolerance locus using a whole-genome BAC library of rye cv. Blanco. <i>Theoretical and Applied Genetics</i> , 2009, 119, 695-704.	3.6	13
23	A Major Locus on Wheat Chromosome 7B Associated With Late-Maturity $\alpha$ -Amylase Encodes a Putative ent-Copalyl Diphosphate Synthase. <i>Frontiers in Plant Science</i> , 2021, 12, 637685.	3.6	12
24	Genetic markers for manganese efficiency in durum wheat. <i>Plant Breeding</i> , 2002, 121, 224-227.	1.9	10