

Agim Ballvora

List of Publications by Year in descending order

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13
papers

1,185
citations

840776

11
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

1512
citing authors

#	ARTICLE	IF	CITATIONS
1	The R1 gene for potato resistance to late blight (<i>Phytophthora infestans</i>) belongs to the leucine zipper/NBS/LRR class of plant resistance genes. <i>Plant Journal</i> , 2002, 30, 361-371.	5.7	381
2	Assessing genetic potential in germplasm collections of crop plants by marker-trait association: a case study for potatoes with quantitative variation of resistance to late blight and maturity type. <i>Molecular Breeding</i> , 2004, 13, 93-102.	2.1	202
3	Breeding improves wheat productivity under contrasting agrochemical input levels. <i>Nature Plants</i> , 2019, 5, 706-714.	9.3	194
4	Early drought stress detection in cereals: simplex volume maximisation for hyperspectral image analysis. <i>Functional Plant Biology</i> , 2012, 39, 878.	2.1	119
5	Single Nucleotide Polymorphisms in the Allene Oxide Synthase 2 Gene Are Associated With Field Resistance to Late Blight in Populations of Tetraploid Potato Cultivars. <i>Genetics</i> , 2009, 181, 1115-1127.	2.9	77
6	Genetics and genomics of root system variation in adaptation to drought stress in cereal crops. <i>Journal of Experimental Botany</i> , 2021, 72, 1007-1019.	4.8	63
7	Comparative sequence analysis of <i>Solanum</i> and <i>Arabidopsis</i> in a hot spot for pathogen resistance on potato chromosome V reveals a patchwork of conserved and rapidly evolving genome segments. <i>BMC Genomics</i> , 2007, 8, 112.	2.8	38
8	Genetic components of root architecture and anatomy adjustments to water deficit stress in spring barley. <i>Plant, Cell and Environment</i> , 2020, 43, 692-711.	5.7	37
9	Genetic dissection of bread wheat diversity and identification of adaptive loci in response to elevated tropospheric ozone. <i>Plant, Cell and Environment</i> , 2020, 43, 2650-2665.	5.7	26
10	Breeding Driven Enrichment of Genetic Variation for Key Yield Components and Grain Starch Content Under Drought Stress in Winter Wheat. <i>Frontiers in Plant Science</i> , 2021, 12, 684205.	3.6	16
11	Effect of epistasis and environment on flowering time in barley reveals a novel flowering-delaying QTL allele. <i>Journal of Experimental Botany</i> , 2020, 71, 893-906.	4.8	15
12	New drought adaptive loci underlying candidate genes on wheat chromosome 4B with improved photosynthesis and yield responses. <i>Physiologia Plantarum</i> , 2021, 173, 2166-2180.	5.2	9
13	Identification of QTLs for wheat heading time across multiple-environments. <i>Theoretical and Applied Genetics</i> , 2022, 135, 2833-2848.	3.6	5