

Micha Bayer

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

4,033
citations

759233

12
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

6846
citing authors

#	ARTICLE	IF	CITATIONS
1	A chromosome conformation capture ordered sequence of the barley genome. <i>Nature</i> , 2017, 544, 427-433.	27.8	1,365
2	Using Tablet for visual exploration of second-generation sequencing data. <i>Briefings in Bioinformatics</i> , 2013, 14, 193-202.	6.5	836
3	Tablet – next generation sequence assembly visualization. <i>Bioinformatics</i> , 2010, 26, 401-402.	4.1	590
4	Natural variation in a homolog of Antirrhinum CENTRORADIALIS contributed to spring growth habit and environmental adaptation in cultivated barley. <i>Nature Genetics</i> , 2012, 44, 1388-1392.	21.4	477
5	Exome sequencing of geographically diverse barley landraces and wild relatives gives insights into environmental adaptation. <i>Nature Genetics</i> , 2016, 48, 1024-1030.	21.4	259
6	An evaluation of genotyping by sequencing (GBS) to map the Breviaristatum-e (ari-e) locus in cultivated barley. <i>BMC Genomics</i> , 2014, 15, 104.	2.8	145
7	Construction of a map-based reference genome sequence for barley, <i>Hordeum vulgare</i> L. <i>Scientific Data</i> , 2017, 4, 170044.	5.3	130
8	BaRTv1.0: an improved barley reference transcript dataset to determine accurate changes in the barley transcriptome using RNA-seq. <i>BMC Genomics</i> , 2019, 20, 968.	2.8	50
9	Tablet: Visualizing Next-Generation Sequence Assemblies and Mappings. <i>Methods in Molecular Biology</i> , 2016, 1374, 253-268.	0.9	48
10	The low recombining pericentromeric region of barley restricts gene diversity and evolution but not gene expression. <i>Plant Journal</i> , 2014, 79, 981-992.	5.7	30
11	<i>ELIGULUM-A</i> Regulates Lateral Branch and Leaf Development in Barley. <i>Plant Physiology</i> , 2018, 176, 2750-2760.	4.8	22
12	Barley sodium content is regulated by natural variants of the Na ⁺ transporter HvHKT1;5. <i>Communications Biology</i> , 2020, 3, 258.	4.4	21
13	EORNA, a barley gene and transcript abundance database. <i>Scientific Data</i> , 2021, 8, 90.	5.3	20
14	Characterisation of barley resistance to rhynchosporium on chromosome 6HS. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1089-1107.	3.6	13
15	Association Mapping of Diastatic Power in UK Winter and Spring Barley by Exome Sequencing of Phenotypically Contrasting Variety Sets. <i>Frontiers in Plant Science</i> , 2017, 8, 1566.	3.6	6
16	Exome Capture for Variant Discovery and Analysis in Barley. <i>Methods in Molecular Biology</i> , 2019, 1900, 283-310.	0.9	5
17	Development of a Grid Infrastructure for Functional Genomics. <i>Lecture Notes in Computer Science</i> , 2005, , 125-139.	1.3	3
18	Genome-Wide Association Study for Resistance to Rhynchosporium in a Diverse Collection of Spring Barley Germplasm. <i>Agronomy</i> , 2022, 12, 782.	3.0	2

#	ARTICLE	IF	CITATIONS
19	In silico identification and characterization of conserved plant microRNAs in barley. Open Life Sciences, 2014, 9, 841-852.	1.4	1
20	CONTROLLING THE CHAOS: DEVELOPING POST-GENOMIC GRID INFRASTRUCTURES. , 2006, , .		1