

Tomoyuki Furuta

List of Publications by Year in descending order

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11
papers

692
citations

840776

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1281871

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13
times ranked

997
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#	ARTICLE	IF	CITATIONS
1	Ethylene-gibberellin signaling underlies adaptation of rice to periodic flooding. <i>Science</i> , 2018, 361, 181-186.	12.6	188
2	Antagonistic regulation of the gibberellic acid response during stem growth in rice. <i>Nature</i> , 2020, 584, 109-114.	27.8	98
3	Loss of function at <i>RAE2</i> , a previously unidentified EPFL, is required for awnlessness in cultivated Asian rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8969-8974.	7.1	94
4	Adapting Genotyping-by-Sequencing for Rice F2 Populations. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 881-893.	1.8	83
5	Development and evaluation of chromosome segment substitution lines (CSSLs) carrying chromosome segments derived from <i>Oryza rufipogon</i> in the genetic background of <i>Oryza sativa</i> L.. <i>Breeding Science</i> , 2014, 63, 468-475.	1.9	54
6	Assembling the genome of the African wild rice <i>Oryza longistaminata</i> by exploiting synteny in closely related <i>Oryza</i> species. <i>Communications Biology</i> , 2018, 1, 162.	4.4	39
7	Construction of a versatile SNP array for pyramiding useful genes of rice. <i>Plant Science</i> , 2016, 242, 131-139.	3.6	33
8	Convergent Loss of Awn in Two Cultivated Rice Species <i>Oryza sativa</i> and <i>Oryza glaberrima</i> Is Caused by Mutations in Different Loci. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2267-2274.	1.8	31
9	Development of chromosome segment substitution lines (CSSLs) of <i>Oryza longistaminata</i> A. Chev. & R. H. in the background of the elite japonica rice cultivar, Taichung 65 and their evaluation for yield traits. <i>Euphytica</i> , 2016, 210, 151-163.	1.2	29
10	Construction of rice chromosome segment substitution lines harboring <i>Oryza barthii</i> genome and evaluation of yield-related traits. <i>Breeding Science</i> , 2017, 67, 408-415.	1.9	23
11	Development of chromosome segment substitution lines harboring <i>Oryza nivara</i> genomic segments in Koshihikari and evaluation of yield-related traits. <i>Breeding Science</i> , 2016, 66, 845-850.	1.9	18