

Sakthivel K

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

534
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

680
citing authors

#	ARTICLE	IF	CITATIONS
1	Allele mining in crops: Prospects and potentials. <i>Biotechnology Advances</i> , 2010, 28, 451-461.	11.7	123
2	Genetic and molecular basis of fragrance in rice. <i>Biotechnology Advances</i> , 2009, 27, 468-473.	11.7	96
3	Nitric Oxide Overproduction in Tomato shr Mutant Shifts Metabolic Profiles and Suppresses Fruit Growth and Ripening. <i>Frontiers in Plant Science</i> , 2016, 7, 1714.	3.6	57
4	Development of new formulations of <i>Bacillus subtilis</i> for management of tomato damping-off caused by <i>Pythium aphanidermatum</i> . <i>Biocontrol Science and Technology</i> , 2005, 15, 55-65.	1.3	56
5	Development of a simple functional marker for fragrance in rice and its validation in Indian Basmati and non-Basmati fragrant rice varieties. <i>Molecular Breeding</i> , 2009, 24, 185-190.	2.1	48
6	Development of a PCR-based SNP marker system for effective selection of kernel length and kernel elongation in rice. <i>Molecular Breeding</i> , 2010, 26, 735-740.	2.1	43
7	Suitability of non-lethal marker and marker-free systems for development of transgenic crop plants: Present status and future prospects. <i>Biotechnology Advances</i> , 2011, 29, 703-714.	11.7	36
8	Prediction of heterosis for grain yield in rice using $\hat{\sigma}^2$ informative EST-SSR markers. <i>Plant Breeding</i> , 2010, 129, 108-111.	1.9	24
9	Development and validation of a PCR-based functional marker system for the major wide-compatible gene locus S5 in rice. <i>Molecular Breeding</i> , 2010, 26, 719-727.	2.1	21
10	Alterations in inheritance pattern and level of cytosine DNA methylation, and their relationship with heterosis in rice. <i>Euphytica</i> , 2010, 175, 303-314.	1.2	19
11	Development and validation of class I SSR markers targeting (GATA) n repeat motifs in rice. <i>Euphytica</i> , 2009, 169, 263-271.	1.2	7
12	Genetics of wide compatible gene and variability studies in rice (<i>Oryza sativa</i> L.). <i>Journal of Genetics</i> , 2016, 95, 463-467.	0.7	4