Yoshiyuki Tanaka

List of Publications by Year
in descending order

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19
papers

461
citations

687363

13
h-index

794594

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19
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19
docs citations

19
times ranked

304
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional loss of pAMT results in biosynthesis of capsinoids, capsaicinoid analogs, in <i>Capsicum annuum</i> cv. CHâ€•19 Sweet. Plant Journal, 2009, 59, 953-961.	5.7	98
2	Newly Mutated<i>putative-aminotransferase</i>in Nonpungent Pepper (<i>Capsicum annuum</i>) Results in Biosynthesis of Capsinoids, Capsaicinoid Analogues. Journal of Agricultural and Food Chemistry, 2010, 58, 1761-1767.	5.2	53
3	Mutation in the putative ketoacyl-ACP reductase CaKR1 induces loss of pungency in Capsicum. Theoretical and Applied Genetics, 2019, 132, 65-80.	3.6	43
4	Novel Loss-of-Function <i>putative aminotransferase</i> Alleles Cause Biosynthesis of Capsinoids, Nonpungent Capsaicinoid Analogues, in Mildly Pungent Chili Peppers (Capsicum chinense). Journal of Agricultural and Food Chemistry, 2010, 58, 11762-11767.	5.2	40
5	Difference in capsaicinoid biosynthesis gene expression in the pericarp reveals elevation of capsaicinoid contents in chili peppers (Capsicum chinense). Plant Cell Reports, 2017, 36, 267-279.	5.6	39
6	Assessment of Capsiconinoid Composition, Nonpungent Capsaicinoid Analogues, in <i>Capsicum</i> Cultivars. Journal of Agricultural and Food Chemistry, 2009, 57, 5407-5412.	5.2	35
7	Multiple loss-of-function putative aminotransferase alleles contribute to low pungency and capsinoid biosynthesis in Capsicum chinense. Molecular Breeding, 2015, 35, 1.	2.1	27
8	Positional differences of intronic transposons in <i>pAMT</i> affect the pungency level in chili pepper through altered splicing efficiency. Plant Journal, 2019, 100, 693-705.	5.7	23
9	Application of marker-assisted selection in breeding of a new fresh pepper cultivar (Capsicum annuum) containing capsinoids, low-pungent capsaicinoid analogs. Scientia Horticulturae, 2014, 165, 242-245.	3.6	22
10	Non-pungency in a Japanese Chili Pepper Landrace (<i>Capsicum annuum</i>) is Caused by a Novel Loss-of-function <i>Pun1</i> Allele. Horticulture Journal, 2017, 86, 61-69.	0.8	21
11	Analysis of Non-pungency, Aroma, and Origin of a Capsicum chinense Cultivar from a Caribbean Island. Japanese Society for Horticultural Science, 2014, 83, 244-251.	0.8	17
12	Incidence of Blossom-end Rot in Relation to the Water-soluble Calcium Concentration in Tomato Fruits as Affected by Calcium Nutrition and Cropping Season. Japanese Society for Horticultural Science, 2014, 83, 282-289.	0.8	14
13	Identification of a Novel Mutant <i>pAMT</i> Allele Responsible for Low-pungency and Capsinoid Production in Chili Pepper: Accession â€˜No.Â4034â€™ (<i>Capsicum chinense</i>). Horticulture Journal, 2018, 87, 222-228.	0.8	14
14	Capsaicinoid biosynthesis in the pericarp of chili pepper fruits is associated with a placental septum-like transcriptome profile and tissue structure. Plant Cell Reports, 2021, 40, 1859-1874.	5.6	7
15	Characterization and bulk segregant analysis of a novel seedless mutant tn-1 of chili pepper (Capsicum) Tj ETQq1 1 0.784314 rgBT /Ov	3.6	2
16	Multiple Non-pungent <i>Capsicum chinense</i> Accessions with a Loss of Function <i>CaKR1</i> Allele Originating from South America. Horticulture Journal, 2020, 89, 460-465.	0.8	2
17	Fasciation in Strawberry Floral Organs and Possible Implications for Floral Transition. Horticulture Journal, 2022, 91, 58-67.	0.8	2
18	Effects of Intermittent Low Temperature Storage Duration and Cycle on the Growth and Flowering of <i>Eustoma</i> (<i>Eustoma grandiflorum</i> L.) Seedlings Raised in the Summer. Horticulture Journal, 2020, 89, 292-299.	0.8	1

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19	Morphological and gene expression characterization of maf-1, a floral chili pepper mutant caused by a nonsense mutation in CaLFY. Molecular Breeding, 2022, 42, .	2.1	1