

Yuichi Tada

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,183
citations

516215

16
h-index

433756

31
g-index

32
all docs

32
docs citations

32
times ranked

1409
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Plant signaling networks involving Ca ²⁺ and Rboh/Nox-mediated ROS production under salinity stress. <i>Frontiers in Plant Science</i> , 2015, 6, 427. | 1.7 | 172 |
| 2 | Rice SPK, a Calmodulin-Like Domain Protein Kinase, Is Required for Storage Product Accumulation during Seed Development. <i>Plant Cell</i> , 2002, 14, 619-628. | 3.1 | 154 |
| 3 | Reduction of 14-16 kDa allergenic proteins in transgenic rice plants by antisense gene. <i>FEBS Letters</i> , 1996, 391, 341-345. | 1.3 | 142 |
| 4 | Efficient gene introduction into rice by electroporation and analysis of transgenic plants: use of electroporation buffer lacking chloride ions. <i>Theoretical and Applied Genetics</i> , 1990, 80, 475-480. | 1.8 | 136 |
| 5 | Chemical induction of disease resistance in rice is correlated with the expression of a gene encoding a nucleotide binding site and leucine-rich repeats. <i>Plant Molecular Biology</i> , 1999, 40, 847-855. | 2.0 | 72 |
| 6 | Proteomic Analysis of Salt-Responsive Proteins in the Mangrove Plant, <i>Bruguiera gymnorhiza</i> . <i>Plant and Cell Physiology</i> , 2009, 50, 439-446. | 1.5 | 71 |
| 7 | Comprehensive analysis of transcriptome response to salinity stress in the halophytic turf grass <i>Sporobolus virginicus</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 241. | 1.7 | 70 |
| 8 | Transcriptional and physiological study of the response of Burma mangrove (<i>Bruguiera gymnorhiza</i>) to salt and osmotic stress. <i>Plant Molecular Biology</i> , 2008, 68, 119-129. | 2.0 | 41 |
| 9 | Identification of salt tolerance genes from the mangrove plant <i>Bruguiera gymnorhiza</i> using <i>Agrobacterium</i> functional screening. <i>Plant Science</i> , 2009, 176, 272-278. | 1.7 | 36 |
| 10 | Transcriptomic analysis of <i>Aegilops tauschii</i> during long-term salinity stress. <i>Functional and Integrative Genomics</i> , 2019, 19, 13-28. | 1.4 | 30 |
| 11 | Transcriptome Profiling of the Mangrove Plant <i>Bruguiera gymnorhiza</i> and Identification of Salt Tolerance Genes by <i>Agrobacterium</i> Functional Screening. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 304-310. | 0.6 | 27 |
| 12 | Growth and physiological adaptation of whole plants and cultured cells from a halophyte turf grass under salt stress. <i>AoB PLANTS</i> , 2014, 6, plu041-plu041. | 1.2 | 27 |
| 13 | Functional screening of salt tolerance genes from a halophyte <i>Sporobolus virginicus</i> and transcriptomic and metabolomic analysis of salt tolerant plants expressing glycine-rich RNA-binding protein. <i>Plant Science</i> , 2019, 278, 54-63. | 1.7 | 18 |
| 14 | A modified β -glucuronidase gene: Sensitive detection of plant promoter activities in suspension-cultured cells of tobacco and rice. <i>Plant Molecular Biology Reporter</i> , 1991, 9, 333-339. | 1.0 | 17 |
| 15 | The Promoter of a Pine Photosynthetic Gene Allows Expression of a β -Glucuronidase Reporter Gene in Transgenic Rice Plants in a Light-Independent but Tissue-Specific Manner. <i>Plant and Cell Physiology</i> , 1994, 35, 773-778. | 1.5 | 17 |
| 16 | Glutathione-dependent formaldehyde dehydrogenase from golden pothos (<i>Epipremnum aureum</i>) and the production of formaldehyde detoxifying plants. <i>Plant Biotechnology</i> , 2011, 28, 373-378. | 0.5 | 17 |
| 17 | Expression of rice OSH1 gene is localized in developing vascular strands and its ectopic expression in transgenic rice causes altered morphology of leaf. <i>Plant Cell Reports</i> , 1995, 14, 555-9. | 2.8 | 16 |
| 18 | Identification of Chimeric Repressors that Confer Salt and Osmotic Stress Tolerance in <i>Arabidopsis</i> . <i>Plants</i> , 2013, 2, 769-785. | 1.6 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The HKT Transporter Gene from Arabidopsis, AtHKT1;1, Is Dominantly Expressed in Shoot Vascular Tissue and Root Tips and Is Mild Salt Stress-Responsive. <i>Plants</i> , 2019, 8, 204. | 1.6 | 13 |
| 20 | High-Affinity K ⁺ Transporters from a Halophyte, <i>Sporobolus virginicus</i> , Mediate Both K ⁺ and Na ⁺ Transport in Transgenic Arabidopsis, <i>X. laevis</i> Oocytes and Yeast. <i>Plant and Cell Physiology</i> , 2019, 60, 176-187. | 1.5 | 12 |
| 21 | Na ⁺ Transporter SvHKT1;1 from a Halophytic Turf Grass Is Specifically Upregulated by High Na ⁺ Concentration and Regulates Shoot Na ⁺ Concentration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6100. | 1.8 | 12 |
| 22 | Rapid isolation of a rice waxy sequence: a simple PCR method for the analysis of recombinant plasmids from intact <i>Escherichia coli</i> cells. <i>Gene</i> , 1991, 98, 243-248. | 1.0 | 10 |
| 23 | Expression of <i>Bruguiera gymnorhiza</i> BgARP1 enhances salt tolerance in transgenic Arabidopsis plants. <i>Euphytica</i> , 2011, 177, 383-392. | 0.6 | 10 |
| 24 | Comparative whole genome re-sequencing analysis in upland New Rice for Africa: insights into the breeding history and respective genome compositions. <i>Rice</i> , 2018, 11, 33. | 1.7 | 9 |
| 25 | Comparative Functional Analysis of Class II Potassium Transporters, SvHKT2;1, SvHKT2;2, and HvHKT2;1, on Ionic Transport and Salt Tolerance in Transgenic Arabidopsis. <i>Plants</i> , 2020, 9, 786. | 1.6 | 8 |
| 26 | Isolation and characterization of formaldehyde-responsive genes from golden pothos (<i>Epipremnum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 | 0.5 | 7 |
| 27 | Involvement of elevated proline accumulation in enhanced osmotic stress tolerance in <i>Arabidopsis</i> conferred by chimeric repressor gene silencing technology. <i>Plant Signaling and Behavior</i> , 2014, 9, e28211. | 1.2 | 6 |
| 28 | Genetic transformation of golden pothos (<i>Epipremnum aureum</i>) mediated by <i>Agrobacterium tumefaciens</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2008, 95, 305-311. | 1.2 | 5 |
| 29 | Development of simple sequence repeat markers in the halophytic turf grass <i>Sporobolus virginicus</i> and transferable genotyping across multiple grass genera/species/genotypes. <i>Euphytica</i> , 2017, 213, 1. | 0.6 | 5 |
| 30 | Effects of Rf-1, Rf-3 and Rf-6(t) Genes on Fertility Restoration in Rice (<i>Oryza sativa</i> L.) with WA- and BT-type Cytoplasmic Male Sterility. <i>Breeding Science</i> , 2007, 57, 223-229. | 0.9 | 4 |
| 31 | Comparative analysis of various root active promoters by evaluation of GUS expression in transgenic Arabidopsis. <i>Plant Biotechnology</i> , 2021, 38, 443-448. | 0.5 | 3 |
| 32 | Molecular Analysis of Genes Involved in Rice Grain Starch Synthesis: Structure of a Seed-Development Specific Protein Kinase. , 1992, , 923-926. | | 0 |