

Juan Du

List of Publications by Year in descending order

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29
papers

990
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567281

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477307

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1143
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Elicitin recognition confers enhanced resistance to <i>Phytophthora infestans</i> in potato. <i>Nature Plants</i> , 2015, 1, 15034. | 9.3 | 229 |
| 2 | Nine things to know about elicitors. <i>New Phytologist</i> , 2016, 212, 888-895. | 7.3 | 84 |
| 3 | <scp>ERF</scp> 109 of trifoliolate orange (<i>Poncirus trifoliata</i> (L.) Raf.) contributes to cold tolerance by directly regulating expression of <i>Prx1</i> involved in antioxidative process. <i>Plant Biotechnology Journal</i> , 2019, 17, 1316-1332. | 8.3 | 84 |
| 4 | Systematic analysis of potato acid invertase genes reveals that a cold-responsive member, <i>StvacINV1</i> , regulates cold-induced sweetening of tubers. <i>Molecular Genetics and Genomics</i> , 2011, 286, 109-118. | 2.1 | 65 |
| 5 | Nuclear and cytoplasmic genome components of <i>Solanum tuberosum</i> × <i>S. chacoense</i> somatic hybrids and three SSR alleles related to bacterial wilt resistance. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1861-1872. | 3.6 | 58 |
| 6 | Potato late blight field resistance from QTL dPI09c is conferred by the NB-LRR gene R8. <i>Journal of Experimental Botany</i> , 2018, 69, 1545-1555. | 4.8 | 56 |
| 7 | Cloning and molecular characterization of putative invertase inhibitor genes and their possible contributions to cold-induced sweetening of potato tubers. <i>Molecular Genetics and Genomics</i> , 2010, 284, 147-159. | 2.1 | 50 |
| 8 | Agroinfiltration and PVX Agroinfection in Potato and &em>Nicotiana benthamiana. <i>Journal of Visualized Experiments</i> , 2014, , e50971. | 0.3 | 46 |
| 9 | The Cell Death Triggered by the Nuclear Localized RxLR Effector PITG_22798 from <i>Phytophthora infestans</i> Is Suppressed by the Effector AVR3b. <i>International Journal of Molecular Sciences</i> , 2017, 18, 409. | 4.1 | 32 |
| 10 | Introgression of bacterial wilt resistance from eggplant to potato via protoplast fusion and genome components of the hybrids. <i>Plant Cell Reports</i> , 2013, 32, 1687-1701. | 5.6 | 28 |
| 11 | Functional analysis of potato genes involved in quantitative resistance to <i>Phytophthora infestans</i> . <i>Molecular Biology Reports</i> , 2013, 40, 957-967. | 2.3 | 25 |
| 12 | A synthetic tuber-specific and cold-induced promoter is applicable in controlling potato cold-induced sweetening. <i>Plant Physiology and Biochemistry</i> , 2013, 67, 41-47. | 5.8 | 22 |
| 13 | Construction and functional characteristics of tuber-specific and cold-inducible chimeric promoters in potato. <i>Plant Cell Reports</i> , 2007, 27, 47-55. | 5.6 | 21 |
| 14 | Silencing of Î±-amylase <i>StAmy23</i> in potato tuber leads to delayed sprouting. <i>Plant Physiology and Biochemistry</i> , 2019, 139, 411-418. | 5.8 | 19 |
| 15 | Meiotic behavior of pollen mother cells in relation to ploidy level of somatic hybrids between <i>Solanum tuberosum</i> and <i>S. chacoense</i> . <i>Plant Cell Reports</i> , 2010, 29, 1277-1285. | 5.6 | 17 |
| 16 | The Doâ€™s and Donâ€™s of Effectoromics. <i>Methods in Molecular Biology</i> , 2014, 1127, 257-268. | 0.9 | 17 |
| 17 | Genome-Wide Identification of microRNAs and Their Targets in Cold-Stored Potato Tubers by Deep Sequencing and Degradome Analysis. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 584-597. | 1.8 | 17 |
| 18 | Strength comparison between cold-inducible promoters of <i>Arabidopsis cor15a</i> and <i>cor15b</i> genes in potato and tobacco. <i>Plant Physiology and Biochemistry</i> , 2013, 71, 77-86. | 5.8 | 16 |

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|----|--|-----|-----------|
| 19 | Introgression of bacterial wilt resistance from <i>Solanum melongena</i> to <i>S. tuberosum</i> through asymmetric protoplast fusion. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 125, 433-443. | 2.3 | 15 |
| 20 | Complete Genome Sequence of Sequevar 14M <i>Ralstonia solanacearum</i> Strain HA4-1 Reveals Novel Type III Effectors Acquired Through Horizontal Gene Transfer. <i>Frontiers in Microbiology</i> , 2019, 10, 1893. | 3.5 | 15 |
| 21 | StPOTHR1, a NDR1/HIN1-like gene in <i>Solanum tuberosum</i> , enhances resistance against <i>Phytophthora infestans</i> . <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 1155-1161. | 2.1 | 14 |
| 22 | Profiling of StvacINV1 Expression in Relation to Acid Invertase Activity and Sugar Accumulation in Potato Cold-Stored Tubers. <i>Potato Research</i> , 2013, 56, 157-165. | 2.7 | 11 |
| 23 | Tetrasomic inheritance pattern of the pentaploid <i>Solanum chacoense</i> (+) <i>S. tuberosum</i> somatic hybrid (resistant to bacterial wilt) revealed by SSR detected alleles. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 127, 315-323. | 2.3 | 10 |
| 24 | Combining genome composition and differential gene expression analyses reveals that SmPGH1 contributes to bacterial wilt resistance in somatic hybrids. <i>Plant Cell Reports</i> , 2020, 39, 1235-1248. | 5.6 | 9 |
| 25 | Construction of efficient, tuber-specific, and cold-inducible promoters in potato. <i>Plant Science</i> , 2015, 235, 14-24. | 3.6 | 7 |
| 26 | SbRFP1 regulates cold-induced sweetening of potato tubers by inactivation of StBAM1. <i>Plant Physiology and Biochemistry</i> , 2019, 136, 215-221. | 5.8 | 7 |
| 27 | New Strategies Towards Durable Late Blight Resistance in Potato. <i>Compendium of Plant Genomes</i> , 2017, , 161-169. | 0.5 | 6 |
| 28 | A major QTL located on chromosome V associates with in vitro tuberization in a tetraploid potato population. <i>Molecular Genetics and Genomics</i> , 2014, 289, 575-587. | 2.1 | 5 |
| 29 | Proteomic analysis of differentially expressed proteins of <i>Nicotiana benthamiana</i> triggered by INF1 elicitor from <i>Phytophthora infestans</i> . <i>Journal of General Plant Pathology</i> , 2017, 83, 66-77. | 1.0 | 5 |