

Olaya PÃ©rez-Tornero

List of Publications by Year in descending order

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papers

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643
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Alleviation of salt stress in citrus seedlings inoculated with arbuscular mycorrhizal fungi depends on the rootstock salt tolerance. <i>Journal of Plant Physiology</i> , 2014, 171, 76-85. | 3.5 | 104 |
| 2 | Assessment of factors affecting adventitious shoot regeneration from in vitro cultured leaves of apricot. <i>Plant Science</i> , 2000, 158, 61-70. | 3.6 | 80 |
| 3 | Detection and inheritance of stylar ribonucleases associated with incompatibility alleles in apricot. <i>Sexual Plant Reproduction</i> , 1998, 11, 153-158. | 2.2 | 65 |
| 4 | Improving knowledge of plant tissue culture and media formulation by neurofuzzy logic: A practical case of data mining using apricot databases. <i>Journal of Plant Physiology</i> , 2011, 168, 1858-1865. | 3.5 | 64 |
| 5 | Different media requirements for micropropagation of apricot cultivars. <i>Plant Cell, Tissue and Organ Culture</i> , 2000, 63, 133-141. | 2.3 | 59 |
| 6 | An efficient protocol for micropropagation of lemon (<i>Citrus limon</i>) from mature nodal segments. <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 100, 263-271. | 2.3 | 43 |
| 7 | Auxin pulses and a synergistic interaction between polyamines and ethylene inhibitors improve adventitious regeneration from apricot leaves and <i>Agrobacterium</i> -mediated transformation of leaf tissues. <i>Plant Cell, Tissue and Organ Culture</i> , 2005, 82, 105-111. | 2.3 | 41 |
| 8 | Physiological and growth changes in micropropagated <i>Citrus macrophylla</i> explants due to salinity. <i>Journal of Plant Physiology</i> , 2009, 166, 1923-1933. | 3.5 | 38 |
| 9 | Genotyping apricot cultivars for self-(in)compatibility by means of RNases associated with S alleles. <i>Plant Breeding</i> , 2002, 121, 343-347. | 1.9 | 34 |
| 10 | Control of hyperhydricity in micropropagated apricot cultivars. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2001, 37, 250-254. | 2.1 | 31 |
| 11 | Assessment of polyembryony in lemon: rescue and in vitro culture of immature embryos. <i>Plant Cell, Tissue and Organ Culture</i> , 2008, 93, 173-180. | 2.3 | 31 |
| 12 | Effect of basal media and growth regulators on the in vitro propagation of apricot (<i>Prunus</i>) | 2.9 | 30 |
| 13 | Introduction and establishment of apricot in vitro through regeneration of shoots from meristem tips. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 1999, 35, 249-253. | 2.1 | 26 |
| 14 | Efficient propagation and rooting of three citrus rootstocks using different plant growth regulators. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2012, 48, 488-499. | 2.1 | 26 |
| 15 | Inheritance of sexual incompatibility in apricot. <i>Plant Breeding</i> , 1997, 116, 383-386. | 1.9 | 25 |
| 16 | High efficiency in vitro organogenesis from mature tissue explants of <i>Citrus macrophylla</i> and <i>C. aurantium</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2013, 49, 145-155. | 2.1 | 16 |
| 17 | In vitro adventitious organogenesis and histological characterization from mature nodal explants of <i>Citrus limon</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2016, 52, 161-173. | 2.1 | 15 |
| 18 | Inducing mutations in <i>Citrus</i> spp.: Sensitivity of different sources of plant material to gamma radiation. <i>Applied Radiation and Isotopes</i> , 2020, 157, 109030. | 1.5 | 10 |

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|----|---|-----|-----------|
| 19 | In Vitro Plant Evaluation Trial: Reliability Test of Salinity Assays in Citrus Plants. <i>Plants</i> , 2020, 9, 1352. | 3.5 | 10 |
| 20 | Assessment of the impact of ethylene and ethylene modulators in Citrus limon organogenesis. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 127, 405-415. | 2.3 | 9 |
| 21 | RADIOSENSITIVITY OF SEEDS AND NODAL SEGMENTS OF CITRUS ROOTSTOCKS IRRADIATED IN VITRO WITH β -RAYS FROM ^{137}CS . <i>Acta Horticulturae</i> , 2015, , 549-555. | 0.2 | 7 |
| 22 | Improved salt-tolerance in Citrus macrophylla mutant rootstocks. <i>Scientia Horticulturae</i> , 2020, 259, 108815. | 3.6 | 7 |
| 23 | CLASSIC METHODS AND BIOTECHNICAL TOOLS IN LEMON BREEDING: PRELIMINARY RESULTS. <i>Acta Horticulturae</i> , 2012, , 259-263. | 0.2 | 6 |
| 24 | Short-Term Waterlogging in Citrus Rootstocks. <i>Plants</i> , 2021, 10, 2772. | 3.5 | 5 |
| 25 | CITRUS LIMON MICROPROPAGATION: EFFECT OF DIFFERENT PHYTOHORMONES ON MULTIPLICATION AND ROOTING. <i>Acta Horticulturae</i> , 2009, , 57-62. | 0.2 | 3 |
| 26 | Comparison of Four Systems to Test the Tolerance of "Fortune" Mandarin Tissue Cultured Plants to <i>Alternaria alternata</i> . <i>Plants</i> , 2021, 10, 1321. | 3.5 | 3 |
| 27 | APRICOT MERISTEM TIP CULTURE. <i>Acta Horticulturae</i> , 1999, , 411-416. | 0.2 | 3 |
| 28 | Assessment of the polyamines modulation on cytokinins and ethylene and its effect in lemon (Citrus Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 2.3 | 3 |
| 29 | REVIEW OF SELF-INCOMPATIBILITY IN APRICOT. <i>Acta Horticulturae</i> , 1999, , 267-274. | 0.2 | 2 |
| 30 | FIELD PERFORMANCE DIFFERENCES IN THREE APRICOT CULTIVARS PROPAGATED BY TISSUE CULTURE OR BY GRAFTING. <i>Acta Horticulturae</i> , 2006, , 255-260. | 0.2 | 1 |
| 31 | PHYSIOLOGICAL RESPONSE OF CITRUS MACROPHYLLA INOCULATED WITH ARBUSCULAR MYCORRHIZAL FUNGI UNDER SALT STRESS. <i>Acta Horticulturae</i> , 2015, , 1351-1358. | 0.2 | 1 |
| 32 | EFFICIENT IN VITRO PROPAGATION AND ROOTING OF ADULT EXPLANTS OF CITRUS ROOTSTOCKS. <i>Acta Horticulturae</i> , 2015, , 649-656. | 0.2 | 1 |
| 33 | ADVENTITIOUS SHOOT REGENERATION FROM IN VITRO CULTURED LEAVES OF APRICOT. <i>Acta Horticulturae</i> , 2000, , 659-662. | 0.2 | 0 |
| 34 | INFLUENCE OF EXPLANT TYPE (MERISTEM VS. AXILLARY SHOOTS) ON THE INTRODUCTION AND ESTABLISHMENT IN VITRO OF FOUR APRICOT CULTIVARS. <i>Acta Horticulturae</i> , 2006, , 229-232. | 0.2 | 0 |
| 35 | EFFECT OF DIFFERENT PHYTOHORMONES ON THE IN VITRO PROPAGATION AND ROOTING OF CITRUS MACROPHYLLA. <i>Acta Horticulturae</i> , 2011, , 295-300. | 0.2 | 0 |
| 36 | ARBUSCULAR MYCORRHIZAL FUNGI INFLUENCE THE RESPONSE OF CITRUS ROOTSTOCK SEEDLINGS TO SALINITY. <i>Acta Horticulturae</i> , 2011, , 245-252. | 0.2 | 0 |

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|----|---|-----|-----------|
| 37 | GROWTH AND PHYSIOLOGICAL CHARACTERISATION OF IN VITRO ROOTED CITRUS MACROPHYLLA EXPLANTS AS AFFECTED BY NaCl STRESS AND DIFFERENT CONCENTRATIONS OF NO ₃ ⁻ , K ⁺ AND Ca ²⁺ . <i>Acta Horticulturae</i> , 2012, , 345-349. | 0.2 | 0 |
| 38 | SELECTION AND FIELD EVALUATION OF THREE NEW CULTIVARS OF LEMON IN THE SOUTH-EAST OF SPAIN. <i>Acta Horticulturae</i> , 2015, , 273-276. | 0.2 | 0 |
| 39 | Identification of zygotic and nucellar seedlings in <i>Citrus limon</i> : the search for molecular markers. <i>Acta Horticulturae</i> , 2019, , 35-42. | 0.2 | 0 |
| 40 | Mutant citrus rootstocks tolerant to salinity: in vitro assessment of the growth changes produced by salt. <i>Acta Horticulturae</i> , 2019, , 59-66. | 0.2 | 0 |
| 41 | INHERITANCE OF SELF-COMPATIBILITY IN APRICOT. <i>Acta Horticulturae</i> , 1998, , 243-244. | 0.2 | 0 |