Kazem Arzani

List of Publications by Year
in descending order

74 papers	1,123 citations	516215 16 h-index	454577 30 g-index
74 all docs	74 docs citations	74 times ranked	1215 citing authors

#	Article	IF	Citations
1	Changes in anthocyanins in arils of chitosan-coated pomegranate (Punica granatum L. cv.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	4.2	174
2	Postharvest Polyamine Application Alleviates Chilling Injury and Affects Apricot Storage Ability. Journal of Agricultural and Food Chemistry, 2012, 60, 8947-8953.	2.4	91
3	Morphological variation among Persian walnut (Juglans regia) genotypes from central Iran. New Zealand Journal of Crop and Horticultural Science, 2008, 36, 159-168.	0.7	79
4	Gas-exchange response of almond genotypes to water stress. Photosynthetica, 2015, 53, 29-34.	0.9	64
5	Effects of cadmium and lead on seed germination, morphological traits, and essential oil composition of sweet basil (Ocimum basilicum L.). Industrial Crops and Products, 2019, 138, 111584.	2.5	62
6	The response of different almond genotypes to moderate and severe water stress in order to screen for drought tolerance. Scientia Horticulturae, 2011, 129, 403-413.	1.7	61
7	The eastern part of the Fertile Crescent concealed an unexpected route of olive (Olea europaea L.) differentiation. Annals of Botany, 2017, 119, 1305-1318.	1.4	57
8	Growth, chemical composition, and carbon isotope discrimination of pistachio (Pistacia vera L.) rootstock seedlings in response to salinity. Australian Journal of Agricultural Research, 2005, 56, 135.	1.5	56
9	The efficacy of kaolin particle film on oil quality indices of olive trees (Olea europaea L.) cv â€˜Zardâ€™ grown under warm and semi-arid region of Iran. Food Chemistry, 2015, 166, 35-41.	4.2	32
10	Molecular and morphological characterization of Golestan (Iran) olive ecotypes provides evidence for the presence of promising genotypes. Genetic Resources and Crop Evolution, 2014, 61, 775-785.	0.8	31
11	Apricot (Prunus armeniaca) pollen morphological characterisation through scanning electron microscopy, using multivariate analysis. New Zealand Journal of Crop and Horticultural Science, 2005, 33, 381-388.	0.7	28
12	THE ROLE OF NANOTECHNOLOGY IN HORTICULTURAL CROPS POSTHARVEST MANAGEMENT. Acta Horticulturae, 2010, , 49-56.	0.1	26
13	EVALUATION OF THE MOST IMPORTANT FRUIT CHARACTERISTICS OF SOME COMMERCIAL POMEGRANATE (PUNICA GRANATUM L.) CULTIVARS GROWN IN IRAN. Acta Horticulturae, 2009, , 103-108.	0.1	24
14	Estimate of Leaf Chlorophyll and Nitrogen Content in Asian Pear (Pyrus serotina Rehd.) by CCM-200. Notulae Scientia Biologicae, 2011, 3, 91-94.	0.1	20
15	Genome Size: A Novel Predictor of Nut Weight and Nut Size of Walnut Trees. Hortscience: A Publication of the American Society for Hortcultural Science, 2018, 53, 275-282.	0.5	20
16	Î±-Farnesene and antioxidative enzyme systems in Asian pear (Pyrus serotina Rehd.) fruit. Postharvest Biology and Technology, 2011, 59, 227-231.	2.9	17
17	STUDY OF PROLINE, SOLUBLE SUGAR, AND CHLOROPHYLL A AND B CHANGES IN NINE ASIAN AND ONE EUROPEAN PEAR CULTIVAR UNDER DROUGHT STRESS. Acta Horticulturae, 2008, , 241-246.	0.1	15
18	EFFECT OF WATER STRESS ON SOME BIOCHEMICAL CHANGES IN LEAF OF FIVE OLIVE (OLEA EUROPAEA L.) CULTIVARS. Acta Horticulturae, 2008, , 523-526.	0.1	14

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19	Genomic characterization of self-incompatibility ribonucleases in the Central Asian pear germplasm and introgression of new alleles from other species of the genus Pyrus. Tree Genetics and Genomes, 2014, 10, 411-428.	0.6	13
20	CORRELATIONS OF CERTAIN HIGH-HERITABILITY HORTICULTURAL TRAITS IN PERSIAN WALNUT (JUGLANS REGIA) Tj ETQq0 0 0 rgBT /Ove	0.1	13
21	Morphophysiological and phytochemical responses to cadmium and lead stress in coriander (Coriandrum sativum L.). Industrial Crops and Products, 2021, 171, 113979.	2.5	12
22	EFFECT OF VACUUM AND MODIFIED ATMOSPHERE PACKAGING ON THE POSTHARVEST QUALITY AND SHELF LIFE OF DATE FRUITS IN KHALAL STAGE. Acta Horticulturae, 2007, , 471-477.	0.1	11
23	Long-term leaf mineral nutrition in â€˜Pacific Galaâ€™ apple (MalusÃ—domesticaBorkh.) as affected by rootstock type and irrigation system during six stages of tree development. Journal of Horticultural Science and Biotechnology, 2013, 88, 685-692.	0.9	11
24	Study of foliar epidermal anatomy of four pistachio rootstocks under water stress. Idesia, 2013, 31, 101-107.	0.1	11
25	THE POSITION OF PEAR BREEDING AND CULTURE IN IRAN: INTRODUCTION OF SOME ASIAN PEAR (PYRUS) Tj ETQq1 1 0.784314 rgBT /O	0.1	9
26	Genetic Diversity and Similarity of Asian and European Pears (Pyrus Spp.) Revealed by Genome Size and Morphological Traits Prediction. International Journal of Fruit Science, 2021, 21, 619-633.	1.2	9
27	THE EFFECT OF WATER STRESS AND DEFICIT IRRIGATION ON YOUNG POTTED OLIVE CV 'LOCAL-ROGHANI ROODBAR'. Acta Horticulturae, 2000, , 879-885.	0.1	8
28	INFLUENCE OF FIRST SEASON APPLICATION OF PACLOBUTRAZOL, ROOT-PRUNING AND REGULATED DEFICIT IRRIGATION ON SECOND SEASON FLOWERING AND FRUITING OF MATURE Ã¢Â€Â˜SUNDROPÃ¢Â€Â™ APRICOT TREES. Acta Horticulturae, 2000, , 75-82.	0.1	7
29	PHYSICO-CHEMICAL SEASONAL CHANGES OF POMEGRANATE (PUNICA GRANATUM L.) FRUIT 'MALAS-E-TORSH-E-SAVEH' IN IRAN. Acta Horticulturae, 2008, , 255-258.	0.1	7
30	Identification of new Iranian sour cherry genotypes with enhanced fruit quality parameters and high antioxidant properties. New Zealand Journal of Crop and Horticultural Science, 2014, 42, 275-287.	0.7	7
31	CHLOROPLAST GENOME DIVERSITY OF THE PYRUS GENUS; FROM IRANIAN AND EUROPEAN WILD PEAR SPECIES TO THE CULTIVATED CULTIVARS. Acta Horticulturae, 2014, , 151-158.	0.1	7
32	STUDY OF FLOWER BIOLOGY AND POLLEN TUBE GROWTH OF MATURE OLIVE TREE CV. 'ZARD'. Acta Horticulturae, 2002, , 545-548.	0.1	6
33	CONTRIBUTION OF WESTERN AND EASTERN SPECIES TO THE IRANIAN PEAR GERMPLASM REVEALED BY THE CHARACTERIZATION OF S-GENOTYPES. Acta Horticulturae, 2014, , 159-167.	0.1	6
34	Genetic Relationship of Iranian Pear Genotypes with European and Asian Pears as Revealed by Random Amplified Polymorphic DNA Markers. International Journal of Fruit Science, 2017, 17, 82-92.	1.2	6
35	Almond Oil Quality as Related to the Type of Pollen Source in Iranian Self Incompatible Cultivars. International Journal of Fruit Science, 2018, 18, 29-36.	1.2	6
36	THE INFLUENCE OF DROUGHT STRESS AND PACLOBUTRAZOL ON QUANTITATIVE CHANGES OF PROTEINS IN OLIVE (OLEA EUROPAEA L.) CULTIVARS BLADI AND MISSION. Acta Horticulturae, 2008, , 527-530.	0.1	5

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37	CHILLING REQUIREMENT OF SOME ASIAN PEAR (PYRUS SEROTINA REHD.) CULTIVARS GROWN UNDER TEHRAN ENVIRONMENTAL CONDITIONS. Acta Horticulturae, 2008, , 339-342.	0.1	5
38	ANALYSIS OF SUGARS AND ORGANIC ACIDS CONTENTS OF DATE PALM (PHOENIX DACTYLIFERA L.) 'BARHEE' DURING FRUIT DEVELOPMENT. Acta Horticulturae, 2010, , 793-801.	0.1	5
39	Genetic variation and identification of promising sour cherries inferred from microsatellite markers. Russian Journal of Genetics, 2016, 52, 64-73.	0.2	5
40	PRE-SEASON POLLEN COLLECTION AND OUTDOOR HYBRIDIZATION FOR POLLINIZER DETERMINATION IN SWEET CHERRY CV. Ã¢Â€Â˜SIAH MASHADÃ¢Â€Â™. Acta Horticulturae, 1998, , 575-582.	0.1	5
41	PROGRESS IN THE NATIONAL ASIAN PEAR PROJECT: A STUDY ON THE ADAPTATION OF SOME ASIAN PEAR (PYRUS SEROTINA REHD) CULTIVARS TO IRANIAN ENVIRONMENTAL CONDITIONS. Acta Horticulturae, 2005, , 209-212.	0.1	5
42	ESTIMATION OF Ã¢Â€Â˜SUNDROPÃ¢Â€Â™ APRICOT FRUIT VOLUME AND FRESH WEIGHT FROM FRUIT DIAMETER. Acta Horticulturae, 1999, , 321-326.	0.1	4
43	SCION/ROOTSTOCK INFLUENCE ON GRAFTING SUCCESS, EARLY PERFORMANCE, TREE SURVIVAL AND EFFICIENCY OF NUTRIENT UPTAKE OF SOME ASIAN PEAR (PYRUS SEROTINA REHD.) CULTIVARS. Acta Horticulturae, 2005, , 477-480.	0.1	4
44	QUALITY OF SOME ASIAN PEAR (PYRUS SEROTINA REHD.) FRUIT IN RELATION TO PRE-HARVEST CACL2, ZN AND B SPRAYS, HARVEST TIME, RIPENING AND STORAGE CONDITIONS. Acta Horticulturae, 2008, , 1027-1034.	0.1	4
45	MODIFIED ATMOSPHERE PACKAGING OF DATE FRUIT (PHOENIX DACTYLIFERA L.) CULTIVAR 'BARHEE' IN KHALAL STAGE. Acta Horticulturae, 2010, , 1063-1069.	0.1	4
46	Genetic Diversity Assessment and Identification of New Sour Cherry Genotypes Using Intersimple Sequence Repeat Markers. International Journal of Biodiversity, 2014, 2014, 1-8.	0.7	4
47	Antioxidative enzyme activity and internal browning of 1â€methylcyclopropeneâ€treated European pear fruits (cv.Ââ€˜Shahmivehâ€™ and â€˜Sebriâ€™). International Journal of Food Science and Technology, 2014, 49, 2514-2520.	1.3	4
48	Transient transformation of date palm via Agrobacterium-mediated and particle bombardment. Emirates Journal of Food and Agriculture, 2014, 26, .	1.0	4
49	Genetic Transformation of Date Palm Via Microprojectile Bombardment. Methods in Molecular Biology, 2017, 1637, 269-280.	0.4	4
50	POLLINATION, POLLEN TUBE GROWTH AND DETERMINATION OF THE BEST POLLINIZER FOR SWEET CHERRY (PRUNUS AVIUM L.) CV. RED REZAEIEH. Acta Horticulturae, 2008, , 207-210.	0.1	4
51	EFFECTS OF FOLIAR APPLICATION OF SOME CARBOHYDRATES ON QUALITATIVE AND QUANTITATIVE TRAITS OF PISTACHIO NUTS CV. KALLEH-GHOOCHI. Acta Horticulturae, 2002, , 291-295.	0.1	3
52	THE EFFECT OF EUROPEAN PEAR (PYRUS COMMUNIS L.) AND QUINCE (CYDONIA OBLONGA L.) SEEDLING ROOTSTOCKS ON GROWTH AND PERFORMANCE OF SOME ASIAN PEAR (PYRUS SEROTINA REHD.) CULTIVARS. Acta Horticulturae, 2004, , 93-97.	0.1	3
53	SAVORY ESSENTIAL OIL EFFECT ON POSTHARVEST CONTROL OF RHIZOPUS ROT ON PACKAGED PEACHES IN POLYETHYLENE FILMS. Acta Horticulturae, 2013, , 759-762.	0.1	3
54	European Pear. , 2019, , 305-328.		3

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55	AN AEROPONIC SYSTEM FOR WATER STRESS STUDIES IN APRICOT. Acta Horticulturae, 1997, , 505-512.	0.1	2
56	THE RESPONSE OF YOUNG POTTED OLIVE PLANTS CV. "ZARD" TO WATER STRESS AND DEFICIT IRRIGATION. Acta Horticulturae, 2002, , 419-422.	0.1	2
57	EFFECTS OF BORON AND SODIUM CHLORIDE CONCENTRATION ON GROWTH AND PERFORMANCE OF SOME YOUNG PISTACHIO ROOTSTOCK SEEDLINGS. Acta Horticulturae, 2004, , 407-412.	0.1	2
58	THE WATER RELATIONS OF MATURE `SUNDROP' APRICOT TREES IN RESPONSE TO DIFFERENT VIGOUR CONTROL TECHNIQUES. Acta Horticulturae, 2000, , 231-239.	0.1	2
59	PREVENTION OF ENZYMATIC BROWNING OF ASIAN PEAR (PYRUS SEROTINA REHD.) BY SOME ANTI-BROWNING AGENTS. Acta Horticulturae, 2010, , 273-277.	0.1	2
60	STUDY ON COMPATIBILITY AND POLLEN TUBE GROWTH OF SOME ASIAN PEAR (PYRUS SEROTINA REHD.) CULTIVARS. Acta Horticulturae, 2005, , 159-163.	0.1	2
61	SEASONAL CHANGES IN FRUIT GROWTH AND DEVELOPMENT OF SOME ASIAN PEAR (PYRUS SEROTINA REHD.) GENOTYPES UNDER TEHRAN ENVIRONMENTAL CONDITIONS. Acta Horticulturae, 2008, , 231-236.	0.1	2
62	PHYSIOLOGY OF PRE-HARVEST DROP IN THOMPSON NAVEL ORANGE (CITRUS SINENSIS). Acta Horticulturae, 2012, , 293-296.	0.1	2
63	THE EFFECT OF 1-MCP ON INTERNAL BROWNING INCIDENCE OF ASIAN PEAR (PYRUS SEROTINA REHD.). Acta Horticulturae, 2013, , 1523-1528.	0.1	2
64	VEGETATIVE AND REPRODUCTIVE RESPONSE OF MATURE 'SUNDROP' APRICOT TREES TO ROOT PRUNING. Acta Horticulturae, 1999, , 465-468.	0.1	2
65	FOLIAR BORON, COPPER AND MANGANESE UPTAKES AND CONCENTRATIONS OF APPLE LEAVES CV. GOLDEN DELICIOUS ON M9 AND B9 ROOTSTOCKS. Acta Horticulturae, 2002, , 229-235.	0.1	1
66	GROWTH AND LEAF CHEMICAL COMPOSITION OF THREE PISTACHIO (PISTACIA VERA L.) ROOTSTOCK SEEDLINGS IN RESPONSE TO BORON EXCESS IN IRRIGATION WATER. Acta Horticulturae, 2006, , 363-366.	0.1	1
67	GROWTH RESPONSE OF TWO YOUNG PISTACHIO (PISTACIA VERA L.) ROOTSTOCK SEEDLINGS TO BORON EXCESS IN IRRIGATION WATER UNDER A SOILLESS CULTURE SYSTEM. Acta Horticulturae, 2015, , 67-70.	0.1	1
68	Vegetative growth and fruit set of olive (Olea europaea L. cv. ï¿½Zardï¿½) in response to some soil and plant factors. Journal of Central European Agriculture, 2015, 16, 319-329.	0.3	1
69	SEASONAL VEGETATIVE AND FRUIT GROWTH PATTERN OF MATURE CLOSE PLANTED Ã¢Â€Â˜SUNDROPÃ¢Â€Â™ APRICOT TREES GROWN UNDER HUMID CLIMATE. Acta Horticulturae, 2000, , 295-300.	0.1	1
70	EVALUATION OF INCOMPATIBILITY IN FIVE EUROPEAN PEARS (PYRUS COMMUNIS L.) CULTIVARS USING PCR. Acta Horticulturae, 2007, , 39-42.	0.1	0
71	INFLUENCE OF WATER STRESS AND EXOGENOUS CYTOKININ APPLICATION ON GROWTH AND GAS EXCHANGE OF YOUNG 'TREVATT' APRICOT GROWN UNDER AEROPONIC SYSTEM AND CONTROLLED ENVIRONMENT CONDITIONS. Acta Horticulturae, 2007, , 51-55.	0.1	0
72	REDUCTION IN JUNE DROP, A WAY TO REDUCE LOSSES OF SATSUMA MANDARIN (CITRUS UNSHIU). Acta Horticulturae, 2012, , 287-290.	0.1	0

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73	PRELIMINARY EVALUATION OF SOME GRAPE CULTIVARS (VITIS VINIFERA) GROWN IN THE TARBIAT MODARES UNIVERSITY (TMU) COLLECTION VINEYARD. Acta Horticulturae, 2015, , 259-262.	0.1	0
74	Fruit Trees Physiology and Breeding Programs Research Using Microscopic Technology. Springer Proceedings in Physics, 2014, , 275-281.	0.1	0