

# Kazem Arzani

## List of Publications by Year in descending order

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74  
papers

1,123  
citations

516710

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454955

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74  
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74  
docs citations

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times ranked

1215  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in anthocyanins in arils of chitosan-coated pomegranate ( <i>Punica granatum</i> L. cv.) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50 174	8.2	174
2	Postharvest Polyamine Application Alleviates Chilling Injury and Affects Apricot Storage Ability. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8947-8953.	5.2	91
3	Morphological variation among Persian walnut ( <i>Juglans regia</i> ) genotypes from central Iran. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2008, 36, 159-168.	1.3	79
4	Gas-exchange response of almond genotypes to water stress. <i>Photosynthetica</i> , 2015, 53, 29-34.	1.7	64
5	Effects of cadmium and lead on seed germination, morphological traits, and essential oil composition of sweet basil ( <i>Ocimum basilicum</i> L.). <i>Industrial Crops and Products</i> , 2019, 138, 111584.	5.2	62
6	The response of different almond genotypes to moderate and severe water stress in order to screen for drought tolerance. <i>Scientia Horticulturae</i> , 2011, 129, 403-413.	3.6	61
7	The eastern part of the Fertile Crescent concealed an unexpected route of olive ( <i>Olea europaea</i> L.) differentiation. <i>Annals of Botany</i> , 2017, 119, 1305-1318.	2.9	57
8	Growth, chemical composition, and carbon isotope discrimination of pistachio ( <i>Pistacia vera</i> L.) rootstock seedlings in response to salinity. <i>Australian Journal of Agricultural Research</i> , 2005, 56, 135.	1.5	56
9	The efficacy of kaolin particle film on oil quality indices of olive trees ( <i>Olea europaea</i> L.) cv "Zardâ"™ grown under warm and semi-arid region of Iran. <i>Food Chemistry</i> , 2015, 166, 35-41.	8.2	32
10	Molecular and morphological characterization of Golestan (Iran) olive ecotypes provides evidence for the presence of promising genotypes. <i>Genetic Resources and Crop Evolution</i> , 2014, 61, 775-785.	1.6	31
11	Apricot ( <i>Prunus armeniaca</i> ) pollen morphological characterisation through scanning electron microscopy, using multivariate analysis. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2005, 33, 381-388.	1.3	28
12	THE ROLE OF NANOTECHNOLOGY IN HORTICULTURAL CROPS POSTHARVEST MANAGEMENT. <i>Acta Horticulturae</i> , 2010, , 49-56.	0.2	26
13	EVALUATION OF THE MOST IMPORTANT FRUIT CHARACTERISTICS OF SOME COMMERCIAL POMEGRANATE ( <i>PUNICA GRANATUM</i> L.) CULTIVARS GROWN IN IRAN. <i>Acta Horticulturae</i> , 2009, , 103-108.	0.2	24
14	Estimate of Leaf Chlorophyll and Nitrogen Content in Asian Pear ( <i>Pyrus serotina</i> Rehd.) by CCM-200. <i>Notulae Scientia Biologicae</i> , 2011, 3, 91-94.	0.4	20
15	Genome Size: A Novel Predictor of Nut Weight and Nut Size of Walnut Trees. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 275-282.	1.0	20
16	Î±-Farnesene and antioxidative enzyme systems in Asian pear ( <i>Pyrus serotina</i> Rehd.) fruit. <i>Postharvest Biology and Technology</i> , 2011, 59, 227-231.	6.0	17
17	STUDY OF PROLINE, SOLUBLE SUGAR, AND CHLOROPHYLL A AND B CHANGES IN NINE ASIAN AND ONE EUROPEAN PEAR CULTIVAR UNDER DROUGHT STRESS. <i>Acta Horticulturae</i> , 2008, , 241-246.	0.2	15
18	EFFECT OF WATER STRESS ON SOME BIOCHEMICAL CHANGES IN LEAF OF FIVE OLIVE ( <i>OLEA EUROPAEA</i> L.) CULTIVARS. <i>Acta Horticulturae</i> , 2008, , 523-526.	0.2	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 <i>Pyrus</i> . <i>Tree Genetics and Genomes</i> , 2014, 10, 411-428.	1.6	13
20	CORRELATIONS OF CERTAIN HIGH-HERITABILITY HORTICULTURAL TRAITS IN PERSIAN WALNUT ( <i>JUGLANS REGIA</i> ) Tj ETQq0 0 0 rgBT /Ove	0.2	13
21	Morphophysiological and phytochemical responses to cadmium and lead stress in coriander ( <i>Coriandrum sativum</i> L.). <i>Industrial Crops and Products</i> , 2021, 171, 113979.	5.2	12
22	EFFECT OF VACUUM AND MODIFIED ATMOSPHERE PACKAGING ON THE POSTHARVEST QUALITY AND SHELF LIFE OF DATE FRUITS IN KHALAL STAGE. <i>Acta Horticulturae</i> , 2007, , 471-477.	0.2	11
23	Long-term leaf mineral nutrition in 'Pacific Gala'™ apple ( <i>Malus domestica</i> Borkh.) as affected by rootstock type and irrigation system during six stages of tree development. <i>Journal of Horticultural Science and Biotechnology</i> , 2013, 88, 685-692.	1.9	11
24	Study of foliar epidermal anatomy of four pistachio rootstocks under water stress. <i>Idesia</i> , 2013, 31, 101-107.	0.3	11
25	THE POSITION OF PEAR BREEDING AND CULTURE IN IRAN: INTRODUCTION OF SOME ASIAN PEAR ( <i>PYRUS</i> ) Tj ETQq1 1 0.784314 rgBT /O	0.2	9
26	Genetic Diversity and Similarity of Asian and European Pears ( <i>Pyrus</i> Spp.) Revealed by Genome Size and Morphological Traits Prediction. <i>International Journal of Fruit Science</i> , 2021, 21, 619-633.	2.4	9
27	THE EFFECT OF WATER STRESS AND DEFICIT IRRIGATION ON YOUNG POTTED OLIVE CV 'LOCAL-ROGHANI ROODBAR'. <i>Acta Horticulturae</i> , 2000, , 879-885.	0.2	8
28	INFLUENCE OF FIRST SEASON APPLICATION OF PACLOBUTRAZOL, ROOT-PRUNING AND REGULATED DEFICIT IRRIGATION ON SECOND SEASON FLOWERING AND FRUITING OF MATURE 'SUNDROP'™ APRICOT TREES. <i>Acta Horticulturae</i> , 2000, , 75-82.	0.2	7
29	PHYSICO-CHEMICAL SEASONAL CHANGES OF POMEGRANATE ( <i>PUNICA GRANATUM</i> L.) FRUIT 'MALAS-E-TORSH-E-SAVEH' IN IRAN. <i>Acta Horticulturae</i> , 2008, , 255-258.	0.2	7
30	Identification of new Iranian sour cherry genotypes with enhanced fruit quality parameters and high antioxidant properties. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2014, 42, 275-287.	1.3	7
31	CHLOROPLAST GENOME DIVERSITY OF THE <i>PYRUS</i> GENUS; FROM IRANIAN AND EUROPEAN WILD PEAR SPECIES TO THE CULTIVATED CULTIVARS. <i>Acta Horticulturae</i> , 2014, , 151-158.	0.2	7
32	STUDY OF FLOWER BIOLOGY AND POLLEN TUBE GROWTH OF MATURE OLIVE TREE CV. 'ZARD'. <i>Acta Horticulturae</i> , 2002, , 545-548.	0.2	6
33	CONTRIBUTION OF WESTERN AND EASTERN SPECIES TO THE IRANIAN PEAR GERMPLOSM REVEALED BY THE CHARACTERIZATION OF S-GENOTYPES. <i>Acta Horticulturae</i> , 2014, , 159-167.	0.2	6
34	Genetic Relationship of Iranian Pear Genotypes with European and Asian Pears as Revealed by Random Amplified Polymorphic DNA Markers. <i>International Journal of Fruit Science</i> , 2017, 17, 82-92.	2.4	6
35	Almond Oil Quality as Related to the Type of Pollen Source in Iranian Self Incompatible Cultivars. <i>International Journal of Fruit Science</i> , 2018, 18, 29-36.	2.4	6
36	THE INFLUENCE OF DROUGHT STRESS AND PACLOBUTRAZOL ON QUANTITATIVE CHANGES OF PROTEINS IN OLIVE ( <i>OLEA EUROPAEA</i> L.) CULTIVARS BLADI AND MISSION. <i>Acta Horticulturae</i> , 2008, , 527-530.	0.2	5

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37	CHILLING REQUIREMENT OF SOME ASIAN PEAR (PYRUS SEROTINA REHD.) CULTIVARS GROWN UNDER TEHRAN ENVIRONMENTAL CONDITIONS. <i>Acta Horticulturae</i> , 2008, , 339-342.	0.2	5
38	ANALYSIS OF SUGARS AND ORGANIC ACIDS CONTENTS OF DATE PALM (PHOENIX DACTYLIFERA L.) 'BARHEE' DURING FRUIT DEVELOPMENT. <i>Acta Horticulturae</i> , 2010, , 793-801.	0.2	5
39	Genetic variation and identification of promising sour cherries inferred from microsatellite markers. <i>Russian Journal of Genetics</i> , 2016, 52, 64-73.	0.6	5
40	PRE-SEASON POLLEN COLLECTION AND OUTDOOR HYBRIDIZATION FOR POLLINIZER DETERMINATION IN SWEET CHERRY CV. 'SIYAH MASHAD'. <i>Acta Horticulturae</i> , 1998, , 575-582.	0.2	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. <i>Acta Horticulturae</i> , 2005, , 209-212.	0.2	5
42	ESTIMATION OF 'SUNDROP' APRICOT FRUIT VOLUME AND FRESH WEIGHT FROM FRUIT DIAMETER. <i>Acta Horticulturae</i> , 1999, , 321-326.	0.2	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. <i>Acta Horticulturae</i> , 2005, , 477-480.	0.2	4
44	QUALITY OF SOME ASIAN PEAR (PYRUS SEROTINA REHD.) FRUIT IN RELATION TO PRE-HARVEST CaCl <sub>2</sub> , ZN AND B SPRAYS, HARVEST TIME, RIPENING AND STORAGE CONDITIONS. <i>Acta Horticulturae</i> , 2008, , 1027-1034.	0.2	4
45	MODIFIED ATMOSPHERE PACKAGING OF DATE FRUIT (PHOENIX DACTYLIFERA L.) CULTIVAR 'BARHEE' IN KHALAL STAGE. <i>Acta Horticulturae</i> , 2010, , 1063-1069.	0.2	4
46	Genetic Diversity Assessment and Identification of New Sour Cherry Genotypes Using Intersimple Sequence Repeat Markers. <i>International Journal of Biodiversity</i> , 2014, 2014, 1-8.	0.7	4
47	Antioxidative enzyme activity and internal browning of 1-ethylcyclopropene-treated European pear fruits (cv. 'Shahmiveh' and 'Sebr'). <i>International Journal of Food Science and Technology</i> , 2014, 49, 272514-2520.	2.7	4
48	Transient transformation of date palm via <i>Agrobacterium</i> -mediated and particle bombardment. <i>Emirates Journal of Food and Agriculture</i> , 2014, 26, .	1.0	4
49	Genetic Transformation of Date Palm Via Microprojectile Bombardment. <i>Methods in Molecular Biology</i> , 2017, 1637, 269-280.	0.9	4
50	POLLINATION, POLLEN TUBE GROWTH AND DETERMINATION OF THE BEST POLLINIZER FOR SWEET CHERRY (PRUNUS AVIUM L.) CV. RED REZAEIEH. <i>Acta Horticulturae</i> , 2008, , 207-210.	0.2	4
51	EFFECTS OF FOLIAR APPLICATION OF SOME CARBOHYDRATES ON QUALITATIVE AND QUANTITATIVE TRAITS OF PISTACHIO NUTS CV. KALLEH-GHOOSHI. <i>Acta Horticulturae</i> , 2002, , 291-295.	0.2	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. <i>Acta Horticulturae</i> , 2004, , 93-97.	0.2	3
53	SAVORY ESSENTIAL OIL EFFECT ON POSTHARVEST CONTROL OF RHIZOPUS ROT ON PACKAGED PEACHES IN POLYETHYLENE FILMS. <i>Acta Horticulturae</i> , 2013, , 759-762.	0.2	3
54	European Pear. , 2019, , 305-328.		3

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55	AN AEROPONIC SYSTEM FOR WATER STRESS STUDIES IN APRICOT. <i>Acta Horticulturae</i> , 1997, , 505-512.	0.2	2
56	THE RESPONSE OF YOUNG POTTED OLIVE PLANTS CV. "ZARD" TO WATER STRESS AND DEFICIT IRRIGATION. <i>Acta Horticulturae</i> , 2002, , 419-422.	0.2	2
57	EFFECTS OF BORON AND SODIUM CHLORIDE CONCENTRATION ON GROWTH AND PERFORMANCE OF SOME YOUNG PISTACHIO ROOTSTOCK SEEDLINGS. <i>Acta Horticulturae</i> , 2004, , 407-412.	0.2	2
58	THE WATER RELATIONS OF MATURE 'SUNDROP' APRICOT TREES IN RESPONSE TO DIFFERENT VIGOUR CONTROL TECHNIQUES. <i>Acta Horticulturae</i> , 2000, , 231-239.	0.2	2
59	PREVENTION OF ENZYMATIC BROWNING OF ASIAN PEAR ( <i>PYRUS SEROTINA</i> REHD.) BY SOME ANTI-BROWNING AGENTS. <i>Acta Horticulturae</i> , 2010, , 273-277.	0.2	2
60	STUDY ON COMPATIBILITY AND POLLEN TUBE GROWTH OF SOME ASIAN PEAR ( <i>PYRUS SEROTINA</i> REHD.) CULTIVARS. <i>Acta Horticulturae</i> , 2005, , 159-163.	0.2	2
61	SEASONAL CHANGES IN FRUIT GROWTH AND DEVELOPMENT OF SOME ASIAN PEAR ( <i>PYRUS SEROTINA</i> REHD.) GENOTYPES UNDER TEHRAN ENVIRONMENTAL CONDITIONS. <i>Acta Horticulturae</i> , 2008, , 231-236.	0.2	2
62	PHYSIOLOGY OF PRE-HARVEST DROP IN THOMPSON NAVEL ORANGE ( <i>CITRUS SINENSIS</i> ). <i>Acta Horticulturae</i> , 2012, , 293-296.	0.2	2
63	THE EFFECT OF 1-MCP ON INTERNAL BROWNING INCIDENCE OF ASIAN PEAR ( <i>PYRUS SEROTINA</i> REHD.). <i>Acta Horticulturae</i> , 2013, , 1523-1528.	0.2	2
64	VEGETATIVE AND REPRODUCTIVE RESPONSE OF MATURE 'SUNDROP' APRICOT TREES TO ROOT PRUNING. <i>Acta Horticulturae</i> , 1999, , 465-468.	0.2	2
65	FOLIAR BORON, COPPER AND MANGANESE UPTAKES AND CONCENTRATIONS OF APPLE LEAVES CV. GOLDEN DELICIOUS ON M9 AND B9 ROOTSTOCKS. <i>Acta Horticulturae</i> , 2002, , 229-235.	0.2	1
66	GROWTH AND LEAF CHEMICAL COMPOSITION OF THREE PISTACHIO ( <i>PISTACIA VERA</i> L.) ROOTSTOCK SEEDLINGS IN RESPONSE TO BORON EXCESS IN IRRIGATION WATER. <i>Acta Horticulturae</i> , 2006, , 363-366.	0.2	1
67	GROWTH RESPONSE OF TWO YOUNG PISTACHIO ( <i>PISTACIA VERA</i> L.) ROOTSTOCK SEEDLINGS TO BORON EXCESS IN IRRIGATION WATER UNDER A SOILLESS CULTURE SYSTEM. <i>Acta Horticulturae</i> , 2015, , 67-70.	0.2	1
68	Vegetative growth and fruit set of olive ( <i>Olea europaea</i> L. cv. $\frac{1}{2}$ Zard $\frac{1}{2}$ ) in response to some soil and plant factors. <i>Journal of Central European Agriculture</i> , 2015, 16, 319-329.	0.6	1
69	SEASONAL VEGETATIVE AND FRUIT GROWTH PATTERN OF MATURE CLOSE PLANTED 'SUNDROP' APRICOT TREES GROWN UNDER HUMID CLIMATE. <i>Acta Horticulturae</i> , 2000, , 295-300.	0.2	1
70	EVALUATION OF INCOMPATIBILITY IN FIVE EUROPEAN PEARS ( <i>PYRUS COMMUNIS</i> L.) CULTIVARS USING PCR. <i>Acta Horticulturae</i> , 2007, , 39-42.	0.2	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. <i>Acta Horticulturae</i> , 2007, , 51-55.	0.2	0
72	REDUCTION IN JUNE DROP, A WAY TO REDUCE LOSSES OF SATSUMA MANDARIN ( <i>CITRUS UNSHIU</i> ). <i>Acta Horticulturae</i> , 2012, , 287-290.	0.2	0

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73	PRELIMINARY EVALUATION OF SOME GRAPE CULTIVARS (VITIS VINIFERA) GROWN IN THE TARBIAT MODARES UNIVERSITY (TMU) COLLECTION VINEYARD. <i>Acta Horticulturae</i> , 2015, , 259-262.	0.2	0
74	Fruit Trees Physiology and Breeding Programs Research Using Microscopic Technology. Springer Proceedings in Physics, 2014, , 275-281.	0.2	0