

Mustafa Erkan

List of Publications by Year in descending order

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39
papers

929
citations

759233

12
h-index

501196

28
g-index

40
all docs

40
docs citations

40
times ranked

931
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of UV treatment on antioxidant capacity, antioxidant enzyme activity and decay in strawberry fruit. <i>Postharvest Biology and Technology</i> , 2008, 48, 163-171.	6.0	251
2	UV-C irradiation reduces microbial populations and deterioration in Cucurbita pepo fruit tissue. <i>Environmental and Experimental Botany</i> , 2001, 45, 1-9.	4.2	97
3	Changes in antioxidant activity and postharvest quality of sweet pomegranates cv. Hicrannar under modified atmosphere packaging. <i>Postharvest Biology and Technology</i> , 2014, 92, 29-36.	6.0	76
4	The effects of modified and palliflex controlled atmosphere storage on postharvest quality and composition of İstanbul medlar fruit. <i>Postharvest Biology and Technology</i> , 2015, 99, 9-19.	6.0	61
5	Changes in phenolic compounds and antioxidant activity of sour sweet pomegranates cv. Hicaznar during long-term storage under modified atmosphere packaging. <i>Postharvest Biology and Technology</i> , 2015, 109, 30-39.	6.0	58
6	The effects of UV radiation during the vegetative period on antioxidant compounds and postharvest quality of broccoli (<i>Brassica oleracea</i> L.). <i>Plant Physiology and Biochemistry</i> , 2015, 93, 56-65.	5.8	51
7	Harvest Date Effects on Maturity, Quality, and Storage Disorders of 'Honeycrisp' Apples. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2005, 40, 164-169.	1.0	50
8	The effects of 1-MCP treatment on fruit quality of medlar fruit (<i>Mespilus germanica</i> L. cv. Istanbul) during long term storage in the palliflex storage system. <i>Postharvest Biology and Technology</i> , 2015, 100, 81-90.	6.0	44
9	Hot water and curing treatments reduce chilling injury and maintain post-harvest quality of 'Valencia' oranges. <i>International Journal of Food Science and Technology</i> , 2005, 40, 91-96.	2.7	35
10	Effects of bruising of 'Pink Lady' apple under impact loading in drop test on firmness, colour and gas exchange of fruit during long term storage. <i>Postharvest Biology and Technology</i> , 2021, 179, 111561.	6.0	32
11	Impact of passive modified atmosphere packaging on physicochemical properties, bioactive compounds, and quality attributes of sweet pomegranates. <i>Türk Tarım Ve Ormancılık Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2016, 40, 475-488.	2.1	25
12	EFFECT OF 1-METHYLCYCLOPROPENE (1-MCP) ON FIG (<i>FICUS CARICA</i> CV. BARDAKCI) STORAGE. <i>Acta Horticulturae</i> , 2008, , 325-330.	0.2	16
13	Impacts of 1-methylcyclopropene (1-MCP) on postharvest quality of 'Ankara' pears during long-term storage. <i>Türk Tarım Ve Ormancılık Dergisi/Turkish Journal of Agriculture and Forestry</i> , 2018, 42, .	2.1	11
14	Red beetroot: Health benefits, production techniques, and quality maintaining for food industry. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15781.	2.0	11
15	Morphological and biochemical responses of broccoli florets to supplemental ultraviolet-B illumination. <i>Agriculture, Ecosystems and Environment</i> , 2018, 259, 1-10.	5.3	10
16	Harvesting of Horticultural Commodities. , 2019, , 129-159.		10
17	Comparison of pesticide-free and conventional production systems on postharvest quality and nutritional parameters of peppers in different storage conditions. <i>Scientia Horticulturae</i> , 2016, 207, 104-116.	3.6	9
18	Comparison of organically and conventionally produced Batavia type lettuce stored in modified atmosphere packaging for postharvest quality and nutritional parameters. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 226-234.	3.5	9

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19	Modified and controlled atmosphere storage of subtropical crops. <i>Stewart Postharvest Review</i> , 0, 2, 1-8.	0.7	9
20	Pomegranate/Romaâ€™ Punica granatum. , 2018, , 355-361.		8
21	First report of <i>Alternaria alternata</i> causing postharvest decay in fig (<i>Ficus carica</i> L. cv. Bursa Siyahi) fruit in Turkey. <i>Journal of Biotechnology</i> , 2018, 280, S84.	3.8	6
22	Production potential of cavendish cultivars (Musaspp. AAA) under greenhouse and field conditions in subtropical areas of Turkey. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2004, 54, 249-253.	0.6	5
23	UV-C illumination maintains postharvest quality of minimally processed broccoli florets under modified atmosphere packaging. <i>Acta Horticulturae</i> , 2018, , 537-544.	0.2	5
24	Comparison of quality attributes of fig fruit (â€™Bursa Siyahiâ€™™) harvested at two different maturity stages. <i>Acta Horticulturae</i> , 2020, , 311-316.	0.2	5
25	Postharvest Quality and Safety of Fresh-Cut Vegetables. <i>Food Engineering Series</i> , 2017, , 271-326.	0.7	5
26	THE EFFECTS OF HARVEST TIME AND DIFFERENT POSTHARVEST APPLICATIONS ON THE STORAGE OF 'VALENCIA' ORANGES. <i>Acta Horticulturae</i> , 1995, , 277-284.	0.2	3
27	METABOLIC RESPONSE TO UV-C TREATMENTS ON MINIMALLY PROCESSED POMEGRANATE ARILS. <i>Acta Horticulturae</i> , 2010, , 657-662.	0.2	3
28	Evaluation of Foliar Organic Fertilizer, Biofertilizer and Biological Fungicide on the Antioxidant Compounds and Postharvest Quality Attributes of Strawberry Fruit. <i>Erwerbs-Obstbau</i> , 2022, 64, 365-376.	1.3	3
29	Maintenance shelfâ€™life quality of cocktail tomatoes by using <sc>UVâ€™C</sc> illumination and Arabic gum coating. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 3897-3907.	3.5	2
30	Effect of Various Drying Methods On Drying Characteristics of Black and White Myrtle Fruits (<i>Myrtus communis</i> L.). <i>Erwerbs-Obstbau</i> , 2022, 64, 433-443.	1.3	2
31	EFFECTS OF SUCROSE AND SILVER NITRATE ON THE VASE LIFE OF CUT <i>RANUNCULUS ASIATICUS</i> L.. <i>Acta Horticulturae</i> , 2013, , 341-348.	0.2	1
32	EFFECTS OF MODIFIED ATMOSPHERE IMPOSED WITH THE PALLIFLEX SYSTEM ON POSTHARVEST FRUIT QUALITY OF 'ZIRAAT 0900' CHERRIES. <i>Acta Horticulturae</i> , 2015, , 157-163.	0.2	1
33	Subtropical fruits: Pomegranates. , 2020, , 477-486.		1
34	Influence of postharvest UV-C illumination on biochemical properties of green beans. <i>Scientia Horticulturae</i> , 2021, 289, 110499.	3.6	1
35	Pomegranate. , 2019, , 529-550.		1
36	THE EFFECTS OF GIRDLING AND SCORING OF CUTTINGS ON THE ROOTING RATE AND QUALITY OF NURSERY PLANTS OF POMEGRANATE. <i>Acta Horticulturae</i> , 1997, , 407-410.	0.2	0

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37	EFFECTS OF MODIFIED ATMOSPHERE IMPOSED WITH THE PALLIFLEX SYSTEM ON POSTHARVEST FRUIT QUALITY OF 'RED GLOBE' TABLE GRAPES. Acta Horticulturae, 2015, , 149-155.	0.2	0
38	Molecular characterization of locally grown "Melli" fig (<i>Ficus carica</i> L.) clones, comparison with common cultivars. Acta Horticulturae, 2020, , 23-30.	0.2	0
39	Variations in postharvest attributes of different types of tomatoes stored under shelf-life conditions. Acta Horticulturae, 2020, , 303-310.	0.2	0