## CITATION REPORT List of articles citing

Microbiological Aspects of Ozone Applications in Food: A Review

DOI: 10.1111/j.1365-2621.2001.tb15196.x Journal of Food Science, 2001, 66, 1242-1252.

Source: https://exaly.com/paper-pdf/33219180/citation-report.pdf

Version: 2024-04-17

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
57 <sup>2</sup>	Review of Decontamination Techniques for the Inactivation of Bacillus anthracis and Other Spore-Forming Bacteria Associated with Building or Outdoor Materials.		
571	Synergistic Effect of Ozone and Microgard 300 for Controlling Listeria Monocytogenes in Ready-to-Eat Cooked and Cured Ham. <b>2002</b> ,		
570	Susceptibility of human rotavirus to ozone, high pressure, and pulsed electric field. <i>Journal of Food Protection</i> , <b>2002</b> , 65, 1441-6	2.5	62
569	Bacterial outer membrane and cell wall penetration and cell destruction by polluting chemical agents and physical conditions. <b>2003</b> , 86, 283-311		17
568	Viability of Clostridium perfringens, Escherichia coli, and Listeria monocytogenes surviving mild heat or aqueous ozone treatment on beef followed by heat, alkali, or salt stress. <i>Journal of Food Protection</i> , <b>2003</b> , 66, 382-9	2.5	29
567	Microbial and sensory quality of commercial fresh processed red lettuce throughout the production chain and shelf life. <b>2004</b> , 91, 109-17		105
566	Humidification of chilled fruit and vegetables on retail display using an ultrasonic fogging system with water/air ozonation. <b>2004</b> , 27, 862-868		20
565	Ozone Efficacy as a Bactericide in Seafood Processing. <b>2004</b> , 13, 111-123		30
564	Types of Antimicrobial Agents. 8-97		7
563	Microbial reduction and storage quality of fresh-cut cilantro washed with acidic electrolyzed water and aqueous ozone. <b>2004</b> , 37, 949-956		130
562	Sensory and microbiological quality of shredded, packaged iceberg lettuce as affected by pre-washing procedures with chlorinated and ozonated water. <b>2004</b> , 5, 45-55		91
561	Effect of ozone on microbial, chemical and sensory attributes of shucked mussels. <b>2005</b> , 22, 1-9		88
560	Effects of ozonation on microbiological, chemical and sensory attributes of vacuum-packaged rainbow trout stored at 4-0.5°C. <b>2005</b> , 221, 675-683		18
559	Monitoring of petroleum hydrocarbon degradative potential of indigenous microorganisms in ozonated soil. <b>2005</b> , 16, 45-56		33
558	Ozone decontamination of fresh fruit and vegetables. <b>2005</b> , 373-386		2
557	New Chemical and Biochemical Hurdles. <b>2005</b> , 387-416		12
556	A discussion paper on challenges and limitations to water reuse and hygiene in the food industry. <b>2005</b> , 39, 1134-46		161

555	Applications of ozone, bacteriocins and irradiation in food processing: a review. <b>2005</b> , 45, 447-61	145
554	Effect of ozonated water treatment on microbial control and on browning of iceberg lettuce (Lactuca sativa L.). <i>Journal of Food Protection</i> , <b>2006</b> , 69, 154-60	67
553	Microbial evolution during storage of seasoned olives prepared with organic acids with potassium sorbate, sodium benzoate, and ozone used as preservatives. <i>Journal of Food Protection</i> , <b>2006</b> , 69, 1354-64 <sup>5</sup>	17
552	. 2006,	3
551	Inactivation of Listeria Monocytogenes Biofilms Using Chemical Sanitizers and Heat. 73-104	1
550	Effect of Combined Ozone and Organic Acid Treatment for Control of Escherichia coli O157:H7 and Listeria monocytogenes on Lettuce. <i>Journal of Food Science</i> , <b>2006</b> , 71, M83-M87	59
549	Application of aqueous ozone for treating pre-cut green peppers (Capsicum annuum L.). <b>2006</b> , 76, 104-111	39
548	Comparison of Aqueous Ozone and Chlorine as Sanitizers in the Food Processing Industry: Impact on Fresh Agricultural Produce Quality. <i>Ozone: Science and Engineering</i> , <b>2007</b> , 29, 113-120	44
547	The Ozonation Concept: Advantages of Ozone Treatment and Commercial Developments. 185-193	6
546	Use of ozone in food industries for reducing the environmental impact of cleaning and disinfection activities. <b>2007</b> , 18, S29-S35	159
545	Rapid Inactivation of Airborne Bacteria Using Atmospheric Pressure Dielectric Barrier Grating Discharge. <b>2007</b> , 35, 1501-1510	91
544	Tools to maintain postharvest fruit and vegetable quality through the inhibition of ethylene action: a review. <b>2007</b> , 47, 543-60	158
543	A Comparison between Chlorinated Water and Ozonated Water as an Antimicrobial Treatment during Tempering of Wheat. <b>2007</b> ,	
542	Microbial Control of Fresh Produce using Electrolyzed Water. <b>2007</b> , 41, 273-282	15
541	. 2007,	21
540	Use of ozone in a lettuce-washing process: an industrial trial. <b>2007</b> , 87, 914-919	28
539	Effectiveness of organic acid, ozonated water and chlorine dippings on microbial reduction and storage quality of fresh-cut iceberg lettuce. <b>2007</b> , 87, 2609-16	106
538	Water disinfection using the novel approach of ozone and a liquid whistle reactor. <b>2007</b> , 35, 357-364	54

537	Changes in some quality indexes in fresh-cut green asparagus pretreated with aqueous ozone and subsequent modified atmosphere packaging. <b>2007</b> , 78, 340-344	81
536	Reuse of ozonated alkaline solutions as fermentation brines in Spanish green table olives. <i>Journal of Food Science</i> , <b>2007</b> , 72, M126-33	12
535	Simultaneous depolymerization and decolorization of chitosan by ozone treatment. <i>Journal of Food Science</i> , <b>2007</b> , 72, C522-6	41
534	Dual protection of hydroponic tomatoes from rhizosphere pathogens Ralstonia solanacearum and Fusarium oxysporum f.sp. radicis-lycopersici and airborne conidia of Oidium neolycopersici with an ozone-generative electrostatic spore precipitator. <b>2007</b> , 56, 987-997	30
533	Treatment of green table olive solutions with ozone. Effect on their polyphenol content and on Lactobacillus pentosus and Saccharomyces cerevisiae growth. <b>2007</b> , 114, 60-8	44
532	Killing bacteria present on surfaces in films or in droplets using microwave UV lamps. <b>2008</b> , 24, 761-769	13
531	Ozonation process for the regeneration and recycling of Spanish green table olive fermentation brines. <b>2008</b> , 227, 463-472	19
530	Modelling colour degradation of orange juice by ozone treatment using response surface methodology. <b>2008</b> , 88, 553-560	84
529	Improvement of the storage process for cracked table olives. <b>2008</b> , 89, 479-487	14
528	Effect of gaseous ozone on microbial inactivation and sensory of flaked red peppers. <b>2008</b> , 43, 1657-1662	47
527	Application of gaseous ozone to control populations of Escherichia coli, Bacillus cereus and Bacillus cereus spores in dried figs. <b>2008</b> , 25, 386-91	64
526	Virion disruption by ozone-mediated reactive oxygen species. 2008, 153, 74-7	54
525	Changes in common wheat grain milling behavior and tissue mechanical properties following ozone treatment. <b>2008</b> , 47, 245-251	37
524	Biomechanical and microbiological changes in natural hog casings treated with ozone. <b>2008</b> , 79, 155-62	11
523	Use of sterile and ozonized water as a strategy to stabilize the quality of stored refrigerated fresh fish. <b>2008</b> , 19, 772-780	15
522	Effect of ozonation on the rheological and colour characteristics of hydrocolloid dispersions. <b>2008</b> , 41, 1035-1043	24
521	UV treatment of microorganisms on artificially-contaminated surfaces using excimer and microwave UV lamps. <b>2008</b> , 73, 717-22	16
520	Evaluation of Ozone Pretreatment on Flux Parameters of Reverse Osmosis for Surface Water Treatment. <i>Ozone: Science and Engineering</i> , <b>2008</b> , 30, 152-164	13

Ozone Applications. 2008, 1 519 Evaluation of various antimicrobial interventions for the reduction of Escherichia coli O157:H7 on 518 2.5 39 bovine heads during processing. Journal of Food Protection, 2008, 71, 621-4 Inactivation of Escherichia coli O157:H7 and natural microbiota on spinach leaves using gaseous 517 49 ozone during vacuum cooling and simulated transportation. Journal of Food Protection, 2009, 72, 1538- $46^{\circ 5}$ Degradation kinetics of tomato juice quality parameters by ozonation. 2009, 44, 1199-1205 516 29 Extrinsic control parameters for ozone inactivation of Escherichia coli using a bubble column. 2009, 18 515 107.830-7 Effects of ozone treatment on Botrytis cinerea and Sclerotinia sclerotiorum in relation to 38 514 3.4 horticultural product quality. Journal of Food Science, 2009, 74, M250-7 Development and evaluation of an ozonated water system for antimicrobial treatment of durum 513 30 3.4 wheat. Journal of Food Science, 2009, 74, E396-403 512 Modelling approaches to ozone processing of liquid foods. **2009**, 20, 125-136 90 Effect of non thermal processing technologies on the anthocyanin content of fruit juices. 2009, 20, 137-145 198 511 Inactivation of Escherichia coli in orange juice using ozone. 2009, 10, 551-557 86 Potential alternative disinfection methods for organic fresh-cut industry for minimizing water 509 351 consumption and environmental impact. 2009, 42, 686-693 Safety and quality assessment of packaged spinach treated with a novel ozone-generation system. 508 116 **2009**, 42, 1047-1053 Ozone Processing. 2010, 607-622 507 Ozone Utilization. **2010**, 1177-1180 506 Application of ozone in grain processing. 2010, 51, 248-255 505 155 Integration of continuous biofumigation with Muscodor albus with pre-cooling fumigation with ozone or sulfur dioxide to control postharvest gray mold of table grapes. Postharvest Biology and 6.2 60 504 Technology, **2010**, 55, 78-84 Influence of fumigation with high concentrations of ozone gas on postharvest gray mold and 6.2 503 123 fungicide residues on table grapes. Postharvest Biology and Technology, 2010, 55, 85-90 Inactivation of Escherichia coli by ozone treatment of apple juice at different pH levels. 2010, 27, 835-40 502 49

501	Viral Inactivation in Foods: A Review of Traditional and Novel Food-Processing Technologies. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2010</b> , 9, 3-20	16.4	132
500	Consumer acceptance of ozone-treated whole shell eggs. <i>Journal of Food Science</i> , <b>2010</b> , 75, S103-7	3.4	16
499	Winery microbiology and sanitation. <b>2010</b> , 257-289		
498	Advances in microbiological quality control. <b>2010</b> , 162-188		1
497	. <b>2010</b> , 38, 3234-3240		37
496	Safety and quality assessment during the ozonation of cloudy apple juice. <i>Journal of Food Science</i> , <b>2010</b> , 75, M437-43	3.4	33
495	Inactivation of Vegetative and Sporulated Bacteria by Dry Gaseous Ozone. <i>Ozone: Science and Engineering</i> , <b>2010</b> , 32, 180-198	2.4	33
494	Ozone Processing for Food Preservation: An Overview on Fruit Juice Treatments. <i>Ozone: Science and Engineering</i> , <b>2010</b> , 32, 166-179	2.4	55
493	Ozone applications to prevent and degrade mycotoxins: a review. <b>2010</b> , 42, 612-20		56
492	Ozone Application for Postharvest Disinfection of Tomatoes. <i>Ozone: Science and Engineering</i> , <b>2010</b> , 32, 361-371	2.4	31
491	Modelling Microbial Load Reduction in Foods Due to Ozone Impact. <b>2011</b> , 1, 836-841		12
490	Antimicrobial action and effects on beef quality attributes of a gaseous ozone treatment at refrigeration temperatures. <b>2011</b> , 22, 1442-1447		40
489	Effect of thermal and non thermal processing technologies on the bioactive content of exotic fruits and their products: Review of recent advances. <b>2011</b> , 44, 1875-1887		338
488	Potencialidades do uso do ozfiio no processamento de alimentos. <b>2011</b> , 32, 659-682		21
487	Controle da podridō-parda e caracterāticas fāico-quānicas de pāsegos 'Magnum' submetidos a tratamentos pā-colheita com elicitores abiācos. <b>2011</b> , 58, 172-177		2
486	Comparison of Multiple Systems for Laboratory Whole Room Fumigation. <b>2011</b> , 16, 139-157		44
485	APPLICATION OF GASEOUS OZONE TO INACTIVATE BACILLUS CEREUS IN PROCESSED RICE. <b>2011</b> , 34, 2220-2232		6
484	EFFICACY OF OZONE PRODUCE WASHERS IN REDUCING NATURAL AND ARTIFICIALLY INOCULATED MICROORGANISMS ON ROMA TOMATOES AND GREEN ONIONS. <b>2011</b> , 31, 268-275		9

483	Radiosensitization of Salmonella spp. and Listeria spp. in ready-to-eat baby spinach leaves. <i>Journal of Food Science</i> , <b>2011</b> , 76, E141-8	26	
482	The effectiveness of ozone and acidulant treatments in extending the refrigerated shelf life of fresh-cut potatoes. <i>Journal of Food Science</i> , <b>2011</b> , 76, S492-8	17	
481	Toxicity of ozone gas to conidia of Penicillium digitatum, Penicillium italicum, and Botrytis cinerea and control of gray mold on table grapes. <i>Postharvest Biology and Technology</i> , <b>2011</b> , 60, 47-51	69	
480	Use of Ozone in Wastewater Treatment to Produce Water Suitable for Irrigation. <b>2011</b> , 25, 2109-2124	38	
479	Quantitative assessment of the shelf life of ozonated apple juice. <b>2011</b> , 232, 469-477	24	
478	Effectiveness of ozone in combination with controlled atmosphere on quality characteristics including lignification of carrot sticks. <b>2011</b> , 102, 43-48	75	
477	Removal of residual pesticide, fenitrothion, in vegetables by using ozone microbubbles generated by different methods. <b>2011</b> , 103, 345-349	89	
476	Influence of aqueous ozone, blanching and combined treatments on microbial load of red bell peppers, strawberries and watercress. <b>2011</b> , 105, 277-282	71	
475	Emerging technologies for pulse processing. <b>2011</b> , 223-247		
474	Effect of ozonation and Erradiation on post-harvest decontamination of mussels (Mytillus galloprovincialis) containing diarrhetic shellfish toxins. <b>2011</b> , 28, 1735-44	4	
474 473		8	
	galloprovincialis) containing diarrhetic shellfish toxins. <b>2011</b> , 28, 1735-44  Efficacy of different washing solutions and contact times on the microbial quality and safety of	8	
473	galloprovincialis) containing diarrhetic shellfish toxins. <b>2011</b> , 28, 1735-44  Efficacy of different washing solutions and contact times on the microbial quality and safety of fresh-cut paprika. <b>2011</b> , 17, 471-9	8	
473 472	galloprovincialis) containing diarrhetic shellfish toxins. <b>2011</b> , 28, 1735-44  Efficacy of different washing solutions and contact times on the microbial quality and safety of fresh-cut paprika. <b>2011</b> , 17, 471-9  Ozone inactivation of norovirus surrogates on fresh produce. <i>Journal of Food Protection</i> , <b>2011</b> , 74, 836-9 <sub>2.5</sub>	8 50	
473 472 471	galloprovincialis) containing diarrhetic shellfish toxins. 2011, 28, 1735-44  Efficacy of different washing solutions and contact times on the microbial quality and safety of fresh-cut paprika. 2011, 17, 471-9  Ozone inactivation of norovirus surrogates on fresh produce. <i>Journal of Food Protection</i> , 2011, 74, 836-9 <sub>2.5</sub> Microbial decontamination of seafood. 2012, 96-124  Use of Self-Organizing Map to Analyze Images of Fungi Colonies Grown from Triticum aestivum	8 50 2	
473 472 471 470	galloprovincialis) containing diarrhetic shellfish toxins. 2011, 28, 1735-44  Efficacy of different washing solutions and contact times on the microbial quality and safety of fresh-cut paprika. 2011, 17, 471-9  Ozone inactivation of norovirus surrogates on fresh produce. <i>Journal of Food Protection</i> , 2011, 74, 836-92.5  Microbial decontamination of seafood. 2012, 96-124  Use of Self-Organizing Map to Analyze Images of Fungi Colonies Grown from Triticum aestivum Seeds Disinfected by Ozone Treatment. 2012, 2012, 865175  Textile Wastewater Treatment Using Combined Process of Biological Wriggle Bed and Ozone	8 50 2	
473 472 471 470 469	galloprovincialis) containing diarrhetic shellfish toxins. 2011, 28, 1735-44  Efficacy of different washing solutions and contact times on the microbial quality and safety of fresh-cut paprika. 2011, 17, 471-9  Ozone inactivation of norovirus surrogates on fresh produce. <i>Journal of Food Protection</i> , 2011, 74, 836-92.5  Microbial decontamination of seafood. 2012, 96-124  Use of Self-Organizing Map to Analyze Images of Fungi Colonies Grown from Triticum aestivum Seeds Disinfected by Ozone Treatment. 2012, 2012, 865175  Textile Wastewater Treatment Using Combined Process of Biological Wriggle Bed and Ozone Biological Aerated Filter. 2012, 441, 589-592	8 50 2	

465	Ozone in Grain Processing. <b>2012</b> , 81-101	3
464	Ozone Sanitisation in the Food Industry. <b>2012</b> , 163-176	13
463	Ozone for Water Treatment and its Potential for Process Water Reuse in the Food Industry. <b>2012</b> , 177-199	6
462	Ozone for Food Waste and Odour Treatment. <b>2012</b> , 201-221	1
461	Chemical and Physical Properties of Ozone. <b>2012</b> , 19-32	20
460	Ozone in Fruit and Vegetable Processing. <b>2012</b> , 55-80	11
459	Modelling Approaches for Ozone Processing. <b>2012</b> , 241-263	1
458	Ozone in Food Preservation. <b>2012</b> , 231-245	1
457	Microbial decontamination of food using ozone. <b>2012</b> , 495-532	3
456	Wine Technology. <b>2012</b> , 461-488	2
455	Aspects of UV-absorption spectroscopy on ozone in effluents of plasma jets operated in air. <i>Journal Physics D: Applied Physics</i> , <b>2012</b> , 45, 385201	38
454	Impact of postharvest treatments, chlorine and ozone, coupled with low-temperature frozen storage on the antimicrobial quality of lowbush blueberries (Vaccinium angustifolium). <b>2012</b> , 47, 213-215	15
453	Application of emerging technologies to control Salmonella in foods: A review. <b>2012</b> , 45, 666-677	77
452	Types of Microbicidal and Microbistatic Agents. <b>2012</b> , 5-70	5
451	Ozone toxicity and walking response of populations of Sitophilus zeamais (Coleoptera: Curculionidae). <b>2012</b> , 105, 2187-95	18
450	Ozone Processing of Fluid Foods. <b>2012</b> , 225-261	14
449	Removal of Residual Pesticides in Vegetables Using Ozone Microbubbles. 2012,	1
448	Ozone Processing. <b>2012</b> , 681-692	2

447	. 2012,	52
446	Plasma decontamination of gases and liquids. 175-215	
445	. 2012,	11
444	Improved microbial quality of buckwheat using antimicrobial solutions in a fluidized bed. <i>Journal of Food Science</i> , <b>2012</b> , 77, E98-103	5
443	Application of ozonated dry ice (ALIGALIBlue Ice) for packaging and transport in the food industry. <i>Journal of Food Science</i> , <b>2012</b> , 77, M285-91	7
442	Phase equilibrium for ozone-containing hydrates formed from an (ozone+oxygen) gas mixture coexisting with gaseous carbon dioxide and liquid water. <b>2012</b> , 49, 1-6	15
441	Efficacy of ozone as a fungicidal and detoxifying agent of aflatoxins in peanuts. <b>2012</b> , 92, 899-905	80
440	Advances in Food Process Engineering Research and Applications. <i>Food Engineering Series</i> , <b>2013</b> , 0.5	5
439	Novel disinfectants for fresh produce. <b>2013</b> , 34, 54-61	94
438	Research Progress in Preservation of Postharvest Leafy Vegetables. <b>2013</b> , 749, 401-407	2
437	Biocidal Efficacy of Ozone and Chlorine on Planktonic and Biofilm Cells of Two Marine Bacteria Species. <i>Ozone: Science and Engineering</i> , <b>2013</b> , 35, 90-100	8
436	The microbiological efficacy of decontamination methodologies for fresh produce: A review. <b>2013</b> , 32, 418-427	201
435	Effect of gaseous ozone for control of stored product pests at low and high temperature. <b>2013</b> , 54, 59-63	21
434	Optimization of ozone in gaseous phase to inactivate Listeria monocytogenes on raw chicken samples. <b>2013</b> , 54, 1128-1130	17
433	Biofilm formation in food industries: A food safety concern. <b>2013</b> , 31, 572-585	563
432	A Review on Ozone-Based Treatments for Fruit and Vegetables Preservation. <b>2013</b> , 5, 77-106	135
431	Mechanisms of bacterial inactivation in the liquid phase induced by a remote RF cold atmospheric pressure plasma jet. <i>Journal Physics D: Applied Physics</i> , <b>2013</b> , 46, 175203	198
430	Ozone-mist spray sterilization for pest control in agricultural management. <b>2013</b> , 61, 24318	18

429	Antimicrobial activity of ozone. Effectiveness against the main wine spoilage microorganisms and evaluation of impact on simple phenols in wine. <b>2013</b> , 19, 180-188		21
428	Advances in the control of wine spoilage by Zygosaccharomyces and Dekkera/Brettanomyces. <b>2013</b> , 4, 57-78		61
427	Control of Salmonella Contamination of Shell Eggs <b>P</b> reharvest and Postharvest Methods: A Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2013</b> , 12, 155-182	16.4	57
426	Efficacy of gaseous ozone against Salmonella and microbial population on dried oregano. <b>2013</b> , 165, 276-80		31
425	Evaluation of ozone efficacy on the reduction of microbial population of fresh cut lettuce (Lactuca sativa) and green bell pepper (Capsicum annuum). <b>2013</b> , 30, 491-496		62
424	Non-thermal processing technologies to improve the safety of nuts. <b>2013</b> , 35-55		1
423	Sustainable Cleaning and Sanitation in the Food Industry. <b>2013</b> , 363-376		
422	Inactivation of E. coli and B. subtilis spores in ozonized cassava starch. <b>2013</b> , 33, 289-294		1
421	. 2013,		7
420	Evaluation of Antifungal Effect of Gaseous Ozone in a Meat Processing Plant. <b>2014</b> , 3, 1680		2
419	Role of Ozone Concentrations and Exposure Times in Extending Shelf Life of Strawberry. <i>Ozone: Science and Engineering</i> , <b>2014</b> , 36, 43-56	2.4	23
418	Comparison of the Effect of Sterilization Pretreatment Using Four Different Bacteriostatic Agents on the Quality of Penaeus vannamei. <b>2014</b> , 884-885, 409-414		1
417	Survival of Listeria monocytogenes on fresh blueberries (Vaccinium corymbosum) stored under controlled atmosphere and ozone. <i>Journal of Food Protection</i> , <b>2014</b> , 77, 832-6	2.5	15
416	A development design of ozone generator with a new helix coil electrode for micro bacterial disinfection in hospitals. <b>2014</b> ,		1
416 415			108
	disinfection in hospitals. <b>2014</b> ,		
415	Application of ozone for the postharvest treatment of fruits and vegetables. <b>2014</b> , 54, 312-39	2.4	108

411	Development of a multilayered antimicrobial edible coating for shelf-life extension of fresh-cut cantaloupe (Cucumis melo L.) stored at 4°C. <b>2014</b> , 56, 341-350		82
410	Use of ozone in production chain of high moisture Mozzarella cheese. <b>2014</b> , 55, 513-520		30
409	Antibiofilm Agents. <b>2014</b> ,		6
408	Reactive molecular dynamics simulations of oxygen species in a liquid water layer of interest for plasma medicine. <i>Journal Physics D: Applied Physics</i> , <b>2014</b> , 47, 025205	3	78
407	Individual and combined effects of ultrasound, ozone and chlorine dioxide on strawberry storage life. <b>2014</b> , 57, 344-351		72
406	Effects of ozone processing on chemical, structural and functional properties of whey protein isolate. <b>2014</b> , 66, 365-372		72
405	Effects of Ozonated Water Treatment on the Microbial Population, Quality, and Shelf Life of Shucked Oysters (Crassostrea plicatula). <b>2014</b> , 23, 175-185		9
404	The impact of ozone treatment on changes in biologically active substances of cardamom seeds. Journal of Food Science, <b>2014</b> , 79, C1649-55	3.4	12
403	Quality of tomato slices disinfected with ozonated water. <b>2014</b> , 20, 227-35		26
402	Pre- and post-harvest interventions to reduce pathogen contamination in the U.S. beef industry. <b>2014</b> , 98, 372-82		60
401	Partial purification of iron solutions from ripe table olive processing using ozone and electro-coagulation. <b>2014</b> , 133, 227-235		20
400	Effects of ozone on major antioxidants and microbial populations of fresh-cut papaya. <i>Postharvest Biology and Technology</i> , <b>2014</b> , 89, 56-58	6.2	65
399	Ozone treatment efficiency on Fusarium graminearum and deoxynivalenol degradation and its effects on whole wheat grains (Triticum aestivum L.) quality and germination. <b>2014</b> , 59, 245-253		69
398	Effect of aqueous ozonation on the pasting, flow and gelatinization properties of wheat starch. <b>2014</b> , 59, 577-582		43
397	Combination effect of ozone and heat treatments for the inactivation of Escherichia coli O157:H7, Salmonella Typhimurium, and Listeria monocytogenes in apple juice. <b>2014</b> , 171, 147-53		42
396	Effectiveness of Ozone on Postharvest Conservation of Pear (Pyrus communis L.). 2014, 05,		7
395	Inactivation of Foodborne Viruses. <b>2014</b> , 471-495		1
394	Efficacy of ozonation on microbial counts in used brines for cheesemaking. 2015, 50, 9-14		10

393 Chapter 14Use of Magnetic Fields Technology in Food Processing and Preservation. **2015**, 532-539

392	Ozone Treatment Efficiency in Aspergillus and Penicillium Growth Inhibition and Mycotoxin Degradation of Stored Wheat Grains (Triticum aestivum L.). Journal of Food Processing and	2.1	40
<i>Jy</i> -	Preservation, <b>2015</b> , 39, 940-948	2.1	4℃
391	Decontamination Efficiency of a DBD Lamp Containing an UV-C Emitting Phosphor. <b>2015</b> , 91, 526-32		5
390	Inactivation of Escherichia coli O157:H7, Salmonella Typhimurium and Listeria monocytogenes in apple juice at different pH levels by gaseous ozone treatment. <b>2015</b> , 119, 465-74		14
389	The Prevalence and Control of Bacillus and Related Spore-Forming Bacteria in the Dairy Industry. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 1418	5.7	134
388	Influence of Ozone Depuration on the Physical Properties of Fresh American oysters (Crassostrea virginica). <b>2015</b> , 455-461		5
387	Inactivation kinetics and growth dynamics during cold storage of Escherichia coli ATCC 11229, Listeria innocua ATCC 33090 and Saccharomyces cerevisiae KE162 in peach juice using aqueous ozone. <b>2015</b> , 29, 271-279		27
386	Safety Protocols in the Food Industry and Emerging Concerns. <i>Springer Briefs in Molecular Science</i> , <b>2015</b> ,	0.6	2
385	Ozone (O3) Process Technology (OPT): An Exploratory Brief of Minimal Ozone Discharge applied to Shrimp Product. <b>2015</b> , 75, 2427-2435		6
384	Physics of Fresh Produce Safety: Role of Diffusion and Tissue Reaction in Sanitization of Leafy Green Vegetables with Liquid and Gaseous Ozone-Based Sanitizers. <i>Journal of Food Protection</i> , <b>2015</b> , 78, 2108-16	2.5	22
383	Inactivation of Human Norovirus and Its Surrogates on Alfalfa Seeds by Aqueous Ozone. <i>Journal of Food Protection</i> , <b>2015</b> , 78, 1586-91	2.5	4
382	Reduction in residues of deltamethrin and fenitrothion on stored wheat grains by ozone gas. <b>2015</b> , 61, 65-69		23
381	Effects of Semicontinuous and Batch System Ozonation on Wheat and Corn Starches. <i>Ozone:</i> Science and Engineering, <b>2015</b> , 37, 71-77	2.4	4
380	Rapid inactivation of waterborne bacteria using boron-doped diamond electrodes. <b>2015</b> , 12, 3061-3070	)	17
379	Ozone fumigation for safety and quality of wine grapes in postharvest dehydration. <b>2015</b> , 188, 641-7		58
378	The contribution of non-thermal and advanced oxidation technologies towards dissipation of pesticide residues. <b>2015</b> , 45, 229-244		79
377	Inactivation of Escherichia coli Cells in Aqueous Solution by Atmospheric-Pressure N2, He, Air, and O2 Microplasmas. <b>2015</b> , 81, 5257-65		41
376	Mapping trends in novel and emerging food processing technologies around the world. <b>2015</b> , 31, 14-27		127

375	Efficacy of gaseous ozone for reducing microflora and foodborne pathogens on button mushroom. <i>Postharvest Biology and Technology</i> , <b>2015</b> , 109, 40-44	6.2	29
374	In vitro and in planta fungicide properties of ozonated water against the esca-associated fungus Phaeoacremonium aleophilum. <b>2015</b> , 189, 184-191		18
373	Efficacy of Aqueous Ozone and Chlorine in Combination with Passive Modified Atmosphere Packaging on the Postharvest Shelf-Life Extension of Green Chillies (Capsicum annuum L.). <i>Food and Bioprocess Technology</i> , <b>2015</b> , 8, 1386-1392	5.1	27
372	Control of human norovirus surrogates in fresh foods by gaseous ozone and a proposed mechanism of inactivation. <b>2015</b> , 50, 118-25		37
371	Reducing bacterial contamination in fuel ethanol fermentations by ozone treatment of uncooked corn mash. <b>2015</b> , 63, 5239-48		8
370	Washing, Peeling and Cutting of Fresh-Cut Fruits and Vegetables. <i>Food Engineering Series</i> , <b>2015</b> , 57-78	0.5	9
369	Dose-dependent Effect of Ozone Fumigation on Physiological Characteristics, Ascorbic Acid Content and Disease Development on Bell Pepper (Capsicum annuum L.) During Storage. <i>Food and Bioprocess Technology</i> , <b>2015</b> , 8, 558-566	5.1	18
368	Microorganism Inactivation by Ozone Dissolved in Aqueous Solution: A Kinetic Study Based on Bacterial Culture Lipid Unsaturation. <i>Ozone: Science and Engineering</i> , <b>2015</b> , 37, 119-126	2.4	6
367	Study of ozone generation in an atmospheric dielectric barrier discharge reactor. <b>2015</b> , 75, 35-42		36
366	Inactivation of Escherichia coli O157:H7 and Salmonella Typhimurium in apple juices with different soluble solids content by combining ozone treatment with mild heat. <b>2015</b> , 118, 112-22		15
365	Intensification of degradation of guar gum: Comparison of approaches based on ozone, ultraviolet and ultrasonic irradiations. <b>2015</b> , 98, 165-173		22
364	The use of ozone to extend the shelf-life and maintain quality of fresh produce. <b>2015</b> , 95, 662-71		49
363	Influence of continuous exposure to gaseous ozone on the quality of red bell peppers, cucumbers and zucchini. <i>Postharvest Biology and Technology</i> , <b>2015</b> , 99, 1-8	6.2	46
362	Date canning: a new approach for the long time preservation of date. <b>2015</b> , 52, 1872-80		10
361	The use of ozone gas for the control of insects and micro-organisms in stored products. <b>2015</b> , 64, 139-1	45	53
360	Fish: Processing. <b>2016</b> , 710-715		
359	Evaluation of a Recirculating Dipper Well Combined with Ozone Sanitizer for Control of Foodborne Pathogens in Food Service Operations. <i>Journal of Food Protection</i> , <b>2016</b> , 79, 1537-1548	2.5	7
358	Inactivation of E. coliO157:H7 on Goat Meat Surface Using Ozonated Water Alone and in Combination with Electrolyzed Oxidizing Water. <b>2016</b> ,		2

357	Ozonation as an effective way to stabilize new kinds of fermentation media used in biotechnological production of liquid fuel additives. <b>2016</b> , 9, 150		5
356	Effect of Ozone Treatment on Deoxynivalenol and Wheat Quality. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147613	3.7	47
355	Ozone treatment of shell eggs to preserve functional quality and enhance shelf life during storage. <b>2016</b> , 96, 2755-63		20
354	The practicality of using ozone with fruit and vegetables. <b>2016</b> , 96, 4637-4643		28
353	Efficacy of Slightly Acidic Electrolyzed Water and UV-Ozonated Water Combination for Inactivating Escherichia Coli O157:H7 on Romaine and Iceberg Lettuce during Spray Washing Process. <i>Journal of Food Science</i> , <b>2016</b> , 81, M1743-8	3.4	10
352	A novel technique using ozone micro bubbles to control microbial contamination and browning of fresh-cut lettuce. <b>2016</b> , 177-182		4
351	Combined effect of ozonation and packaging on shelf life extension of fresh chicken legs during storage under refrigeration. <b>2016</b> , 53, 4270-4277		4
350	Effects of aqueous ozone treatments on microbial load reduction and shelf life extension of fresh-cut apple. <b>2016</b> , 51, 1099-1109		44
349	Ozonated water is inferior to propanol-based hand rubs for disinfecting hands. <b>2016</b> , 92, 340-3		6
348	Exposure to ozone reduces postharvest quality loss in red and green chilli peppers. <b>2016</b> , 210, 305-10		33
347	Dry ice blasting, a new tool for barrel regeneration treatment. <b>2016</b> , 242, 1673-1683		5
346	Use of gaseous ozone to reduce aflatoxin B1 and microorganisms in poultry feed. <b>2016</b> , 68, 44-49		15
345	Potential industrial applications of decontamination technologies for fresh produce. <b>2016</b> , 313-336		1
344	Effects of Continuous Exposure to Ozone Gas and Electrolyzed Water on the Skin Hardness of Table and Wine Grape Varieties. <b>2016</b> , 47, 40-48		28
343	Use of ozone in the dairy industry: A review. <b>2016</b> , 69, 157-168		61
342	Gaseous ozone treatment of baby spinach within the existing production chain for inactivation of Escherichia coli O157:H7. <b>2016</b> , 191, 10-18		16
341	Effect of ozone pretreatment on the physical and mechanical properties of particleboard panels made from bagasse. <b>2016</b> , 94, 451-455		8
340	Ozone treatments of post harvested wine grapes: Impact on fermentative yeasts and wine chemical properties. <b>2016</b> , 87, 134-141		17

Ozone in Food Processing: Impact on Food Products Attributes. **2016**, 517-552

338	Display of Unwrapped Foods. <b>2016</b> , 81-92		
337	Use of Ozonated Water for Disinfecting Gastrointestinal Endoscopes. <i>Ozone: Science and Engineering</i> , <b>2016</b> , 38, 346-351	2.4	9
336	Inactivation of Bacillus cereus and Salmonella enterica serovar typhimurium by Aqueous Ozone: Modeling and UV-Vis Spectroscopic Analysis. <i>Ozone: Science and Engineering</i> , <b>2016</b> , 38, 124-132	2.4	5
335	In-situ disinfection and a new downstream processing scheme from algal harvesting to lipid extraction using ozone-rich microbubbles for biofuel production. <b>2016</b> , 17, 217-226		15
334	Bacterial regrowth in water reclamation and distribution systems revealed by viable bacterial detection assays. <b>2016</b> , 144, 2165-74		39
333	Ozone toxicity to Sitophilus zeamais (Coleoptera: Curculionidae) populations under selection pressure from ozone. <b>2016</b> , 65, 1-5		19
332	Postharvest Management Approaches for Maintaining Quality of Fresh Produce. 2016,		2
331	Ozone: A Powerful Tool for the Fresh Produce Preservation. <b>2016</b> , 175-207		3
330	Re-use of partially purified iron color fixation solutions using electro-coagulation and ozonation in ripe table olive processing and packaging. <b>2016</b> , 181, 28-34		8
329	Removal of 16 pesticide residues from strawberries by washing with tap and ozone water, ultrasonic cleaning and boiling. <b>2016</b> , 188, 51		102
328	Corona discharge plasma jet for inactivation of Escherichia coli O157:H7 and Listeria monocytogenes on inoculated pork and its impact on meat quality attributes. <b>2016</b> , 66, 685-694		38
327	Industrial-scale Malting Barley (Hordeum vulgare L.) Seed Disinfection by Fog of Ozonated Water Application. <i>Ozone: Science and Engineering</i> , <b>2016</b> , 38, 115-123	2.4	3
326	Effect of ozone and ultraviolet light on Listeria monocytogenes populations in fresh and spent chill brines. <b>2016</b> , 59, 172-177		25
325	Alternatives to conventional thermal treatments in fruit-juice processing. Part 1: Techniques and applications. <b>2017</b> , 57, 501-523		69
324	Postharvest ozone application for the preservation of fruits and vegetables. <i>Food Reviews International</i> , <b>2017</b> , 33, 270-315	5.5	62
323	Sensory Analysis and Consumers Studies of A\(\text{B}\)i Beverage After Thermal, Chlorine and Ozone Treatments of the Fruits. <i>Journal of Food Processing and Preservation</i> , <b>2017</b> , 41, e12961	2.1	5
322	Application and Kinetics of Ozone in Food Preservation. Ozone: Science and Engineering, 2017, 39, 115-	12:64	81

321	Numerical simulation of ozone concentration profile and flow characteristics in paddy bulks. <b>2017</b> , 73, 1698-1702	11
320	Efficacy of ozone against Rhyzopertha dominica adults in wheat. <b>2017</b> , 70, 53-59	26
319	Postharvest ozone fumigation of Petit Verdot grapes to prevent the use of sulfites and to increase anthocyanin in wine. <b>2017</b> , 23, 200-206	35
318	The impact of different barrel sanitation approaches on the spoilage microflora and phenols composition of wine. <b>2017</b> , 54, 810-821	13
317	Efficient sterilization using reactive oxygen species generated by a radical vapor reactor. <b>2017</b> , 54, 140-143	10
316	A novel model simulating reclaimed water disinfection by ozonation. <b>2017</b> , 179, 45-52	11
315	Fresh produce sanitization by combination of gaseous ozone and liquid sanitizer. 2017, 210, 19-26	6
314	Effects of ozone treatment on the molecular properties of wheat grain proteins. 2017, 75, 243-251	25
313	Efficacy of gaseous ozone to counteract postharvest table grape sour rot. <b>2017</b> , 66, 190-198	18
312	Emerging preservation technologies in grapes for winemaking. <b>2017</b> , 67, 36-43	50
311	A pilot-scale coupling of ozonation and biodegradation of 2,4-dichlorophenol-containing wastewater: The effect of biomass acclimation towards chlorophenol and intermediate ozonation products. <b>2017</b> , 161, 1432-1441	26
310	Reduction of Escherichia coli O157:H7 population on baby spinach leaves by liquid sanitizers. <b>2017</b> , 40, e12479	2
309	Impact of Pre-Ozonation on Mechanical Properties of Selected Genotypes of Cucumber Fruits During the Souring Process. <i>Ozone: Science and Engineering</i> , <b>2017</b> , 39, 188-195	11
308	Potato starch modification using the ozone technology. <b>2017</b> , 66, 343-356	79
307	Capillary Effect-Enabled Water Electrolysis for Enhanced Electrochemical Ozone Production by Using Bulk Porous Electrode. <b>2017</b> , 139, 16620-16629	23
306	Minimal processing methods. <b>2017</b> , 431-512	2
305	Effects of monochloramine and hydrogen peroxide on the bacterial community shifts in biologically treated wastewater. <b>2017</b> , 189, 399-406	14
304	Public health risks associated with hepatitis E virus (HEV) as a food-borne pathogen. <b>2017</b> , 15, e04886	56

303	Ozone Disinfection Efficiency for Indicator Microorganisms at Different pH Values and Temperatures. <i>Ozone: Science and Engineering</i> , <b>2017</b> , 39, 407-416	2.4	12
302	Effect of combination of ozonation and vacuum packaging on shelf life extension of fresh chicken legs during storage under refrigeration. <b>2017</b> , 213, 18-26		16
301	Natural Approaches for Improving Postharvest Safety of Egg and Egg Products. 2017, 391-420		O
300	Exploring the microbiota of the red-brown defect in smear-ripened cheese by 454-pyrosequencing and its prevention using different cleaning systems. <b>2017</b> , 62, 160-168		15
299	Hurdle technology: A novel approach for enhanced food quality and safety 🖪 review. <b>2017</b> , 73, 1426-1	444	114
298	Numerical Simulation and Validation of Ozone Concentration Profile in Green Gram (Vigna radiate) Bulks. <i>Ozone: Science and Engineering</i> , <b>2017</b> , 39, 54-60	2.4	20
297	Chemical and Physical Sanitation and Pasteurization Methods for Intact Shell Eggs. 2017, 373-390		1
296	Impact of post-harvest ozone treatments on the skin phenolic extractability of red winegrapes cv Barbera and Nebbiolo (Vitis vinifera L.). <b>2017</b> , 98, 68-78		26
295	Manothermosonication (MTS) treatment of apple-carrot juice blend for inactivation of Escherichia coli 0157:H7. <b>2017</b> , 38, 820-828		32
294	Ozonation in water treatment: the generation, basic properties of ozone and its practical application. <b>2017</b> , 33,		64
293	Transition metal doped cryptomelane-type manganese oxide catalysts for ozone decomposition. <b>2017</b> , 201, 503-510		177
292	Influence of pH on the efficacy of ozonated water to control microorganisms and its effect on the quality of stored strawberries (Fragaria x ananassa Duch.). <b>2017</b> , 41, 692-700		5
291	Efficacy of Ozone against Phosphine Susceptible and Resistant Strains of Four Stored-Product Insect Species. <b>2017</b> , 8,		16
290	The Impact of Biofilms on Food Spoilage. <b>2017</b> , 259-282		4
289	Non-thermal inactivation of Noroviruses in food. <b>2017</b> , 85, 012021		
288	References. <b>2017</b> , 233-275		
287	Effects on Water Management and Quality Characteristics of Ozone Application in Chicory Forcing Process: A Pilot System. <b>2017</b> , 7, 29		12
286	Generation of reactive species in atmospheric pressure dielectric barrier discharge with liquid water. <b>2018</b> , 20, 044009		12

285	Application of ozone during grape drying for the production of straw wine. Effects on the microbiota and compositive profile of grapes. <b>2018</b> , 125, 513-527		7
284	The effectiveness of closed-circulation gaseous chlorine dioxide or ozone treatment against bacterial pathogens on produce. <b>2018</b> , 91, 261-267		27
283	Combination of ozone and packaging treatments maintained the quality and improved the shelf life of tomato fruit. <b>2018</b> , 102, 012027		3
282	Efficacy of Ozone and Lactic Acid as Nonthermal Hurdles for Preservation of Sugarcane Juice. <i>Ozone: Science and Engineering</i> , <b>2018</b> , 40, 198-208	2.4	20
281	Ozone for Fruit Juice Preservation. <b>2018</b> , 511-527		7
280	Methods for the Control of Foodborne Pathogens in Low-Moisture Foods. <b>2018</b> , 9, 177-208		37
279	Physicochemical and Bioactive Compounds of CantaloupelMelon: Effect of Ozone Processing on Pulp and Seeds. <i>Ozone: Science and Engineering</i> , <b>2018</b> , 40, 209-215	2.4	9
278	Quality assessment of Cantaloupe melon juice under ozone processing. <b>2018</b> , 47, 461-466		19
277	The effect of different gaseous ozone treatments on physicochemical characteristics and shelf life of apricots stored under refrigeration. <i>Journal of Food Processing and Preservation</i> , <b>2018</b> , 42, e13614	2.1	4
276	Impact of gaseous ozone coupled to passive refrigeration system to maximize shelf-life and quality of four different fresh fish products. <b>2018</b> , 93, 412-419		24
275	Packaging for new and emerging food processing technology. <b>2018</b> , 121-158		
274	Control of Brettanomyces bruxellensis on wine grapes by post-harvest treatments with electrolyzed water, ozonated water and gaseous ozone. <b>2018</b> , 47, 309-316		20
273	Effect of drying and ozonation process on naturally contaminated wheat seeds. 2018, 80, 205-211		16
272	Ozone in the food industry: Principles of ozone treatment, mechanisms of action, and applications: An overview. <b>2018</b> , 58, 2176-2201		101
271	Innovative anode catalyst designed to reduce the degradation in ozone generation via PEM water electrolysis. <b>2018</b> , 129, 800-805		5
270	Thermodynamics, transport phenomena, and electrochemistry of external field-assisted nonthermal food technologies. <b>2018</b> , 58, 1832-1863		75
269	Postharvest gaseous ozone treatment enhances quality parameters and delays softening in cantaloupe melon during storage at 6 °C. <b>2018</b> , 98, 487-494		17
268	Advances in postharvest technologies to extend the storage life of minimally processed fruits and vegetables. <b>2018</b> , 58, 2632-2649		51

## (2018-2018)

267	Inactivation kinetics of peroxidase and polyphenol oxidase in peach juice treated with gaseous ozone. <b>2018</b> , 53, 347-355		22
266	Nonthermal processing technologies for fabrication of microstructures to enhance food quality and stability. <b>2018</b> , 239-274		3
265	Effect of ozone on the microbiological status of five dried aromatic plants. 2018, 98, 1369-1373		10
264	Review: Comparison of the effectiveness of decontaminating strategies for fresh fruits and vegetables and related limitations. <b>2018</b> , 58, 3189-3208		36
263	The Implementation and Food Safety Issues Associated With Poultry Processing Reuse Water for Conventional Poultry Production Systems in the United States. <b>2018</b> , 2,		10
262	. 2018,		2
261	Retention time of ozone at various water condition. <b>2018</b> , 1080, 012033		1
260	Effects of ozone-washing in a series of ozonation methods for inhibition of total microbial growth in some varieties of chili (Capsicum annuum L.). <b>2018</b> , 434, 012020		
259	Application of Response Surface Methodology for characterization of ozone production from Multi-Cylinder Reactor in non-thermal plasma device. <b>2018</b> , 342, 012087		1
258	Reduction of Environmental Listeria Using Gaseous Ozone in a Cheese Processing Facility. <i>Journal of Food Protection</i> , <b>2018</b> , 81, 795-798	2.5	2
257	Green Surface Cleaning in a Radical Vapor Reactor to Remove Organic Fouling on a Substrate. <b>2018</b> , 86, 355-362		3
256	Inactivation of Pseudomonas aeruginosa and Methicillin-resistant Staphylococcus aureus in an open water system with ozone generated by a compact, atmospheric DBD plasma reactor. <b>2018</b> , 8, 17573		12
255	Inactivation of biofilms formed under high shear stress on various hydrophilic and hydrophobic surfaces by a continuous flow of ozonated water. <b>2018</b> , 34, 826-834		6
254	Different Uses of Ozone: Environmental and Corporate Sustainability. Literature Review and Case Study. <b>2018</b> , 10, 4783		25
253	Antibacterial effect of ozonated water against methicillin-resistant contaminating chicken meat in Wasit Province, Iraq. <b>2018</b> , 11, 1445-1453		15
252	Comparison Double Dielectric Barrier Using Perforated Aluminium for Ozone Generation. 2018,		O
251	Postharvest Uses of Ozone Application in Fresh Horticultural Produce. 2018, 129-170		6
250	Photodynamic inactivation as an emergent strategy against foodborne pathogenic bacteria in planktonic and sessile states. <b>2018</b> , 44, 667-684		33

249	Efficacy of Ozonated Water, Chlorine, Chlorine Dioxide, Quaternary Ammonium Compounds and Peroxyacetic Acid Against Biofilm on Polystyrene Surfaces. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2296	5.7	19
248	Physiological and sanitary quality of maize seeds preconditioned in ozonated water. <b>2018</b> , 22, 360-365		5
247	Ozone Treatment of Grapes During Withering for Amarone Wine: A Multimodal Imaging and Spectroscopic Analysis. <b>2018</b> , 24, 564-573		6
246	Determination of ozone distribution in fish cold storage dedicated plasma ozone technology. <b>2018</b> , 197, 02005		
245	The Use of Natural Antimicrobials Combined with Nonthermal Treatments To Control Human Pathogens. <b>2018</b> , 149-169		2
244	Ozone application to extend shelf life of vegetables by microbial growth inhibition. <b>2018</b> , 197, 02004		
243	Effect of water temperature and pH on the concentration and time of ozone saturation. 2018, 21,		8
242	Non-thermal combined treatments in the processing of alli (Euterpe oleracea) juice. <b>2018</b> , 265, 57-63		30
241	Evaluation of the efficacy of multiple physical, biological and natural antimicrobial interventions for control of pathogenic Escherichia coli on beef. <b>2018</b> , 76, 209-218		26
240	Inactivation of Foodborne Pathogens and Their Surrogates on Fresh and Frozen Strawberries Using Gaseous Ozone. <b>2018</b> , 2,		12
239	Improving the sensitive and selective of trace amount ozone sensor on Indium-Gallium-Zinc Oxide thin film by ultraviolet irradiation. <b>2018</b> , 273, 1713-1718		9
238	Temporal and longitudinal biofilm matrix analysis of a biofilter treating ethyl acetate during ozonation. <b>2018</b> , 25, 19155-19166		3
237	Effect of ozone treatment on the quality of grain products. <b>2018</b> , 264, 358-366		55
236	Ozone saturation and decomposition kinetics in porous medium containing different hybrids of maize. <b>2018</b> , 22, 286-291		5
235	Inactivation of Listeria monocytogenes on and within Apples Destined for Caramel Apple Production by Using Sequential Forced Air Ozone Gas Followed by a Continuous Advanced Oxidative Process Treatment. <i>Journal of Food Protection</i> , <b>2018</b> , 81, 357-364	2.5	25
234	Efficacy of ozone in the microbiological disinfection of maize grains. 2018, 21,		6
233	Use of gaseous ozone for reduction of ochratoxin A and fungal populations on sultanas. <b>2019</b> , 25, 25-29		7
232	Ozone based food preservation: a promising green technology for enhanced food safety. <i>Ozone:</i> Science and Engineering, <b>2019</b> , 41, 17-34	2.4	91

231	The synergistic effects of slightly acidic electrolyzed water and UV-C light on the inactivation of Salmonella enteritidis on contaminated eggshells. <b>2019</b> , 98, 6914-6920	10
230	The effect of exposure time and water replacement in the application of ozonated water to maintain the quality of tuna. <b>2019</b> , 509, 012092	
229	Ozone-Based Interventions To Improve the Microbiological Safety and Quality of Poultry Carcasses and Parts: A Review. <i>Journal of Food Protection</i> , <b>2019</b> , 82, 940-947	2
228	Inactivation of bacteria on fresh produce by batch wash ozone sanitation. <b>2019</b> , 106, 106747	22
227	Kinetics of the ozone gas reaction in popcorn kernels. <b>2019</b> , 83, 168-175	12
226	Efficacy of ozone against adults and immature stages of phosphine susceptible and resistant strains of Rhyzopertha dominica. <b>2019</b> , 83, 110-116	4
225	Spraying ozonated water on Bobal grapevines: Effect on grape quality. <b>2019</b> , 125, 108540	11
224	Low-Power Detection of Food Preservatives by a Novel Nanowire-Based Sensor Array. <b>2019</b> , 8,	10
223	Green Activated Magnetic Graphitic Carbon Oxide and Its Application for Hazardous Water Pollutants Removal. <b>2019</b> , 9, 935	4
222	Food Safety Interventions to Control Listeria monocytogenes in the Fresh Apple Packing Industry: A Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2019</b> , 18, 1705-1726	14
221	Determination of ion wind velocity using the method of characteristics (MOC) and its application for drying of black turmeric (Curcuma aeruginosa Roxb) slices. <b>2019</b> , 1217, 012025	
220	Investigation of the Effective Concentration of Ozonated Water for Disinfection in the Presence of Protein Contaminants. <b>2019</b> , 24, 155-160	6
219	CFD modelling of diffusive-reactive transport of ozone gas in rice grains. <b>2019</b> , 179, 49-58	8
218	Strategy to achieve a 5-log Salmonella inactivation in tender coconut water using high voltage atmospheric cold plasma (HVACP). <b>2019</b> , 284, 303-311	37
217	Effective Fungal Spore Inactivation with an Environmentally Friendly Approach Based on Atmospheric Pressure Air Plasma. <b>2019</b> , 53, 1893-1904	26
216	Ozone gas as a storage treatment to control Gnomoniopsis castanea, preserving chestnut quality. <b>2019</b> , 99, 6060-6065	12
215	Perspectives on textile cleanliness Idetecting human sebum residues on worn clothing. <b>2019</b> , 89, 5226-5237	3
214	Minimizing the environmental impact of cleaning in winemaking industry by using ozone for cleaning-in-place (CIP) of wine bottling machine. <b>2019</b> , 233, 582-589	10

213	Aspectos microbiolĝicos e filico-quihicos de morango exposto ao gil ozilio em diferentes concentrales durante o armazenamento. <b>2019</b> , 22,		4
212	Biocidal Effectiveness of Selected Disinfectants Solutions Based on Water and Ozonated Water against Strains. <b>2019</b> , 7,		7
211	Thin-felt Al-fiber-structured Pd-Co-MnOx/Al2O3 catalyst with high moisture resistance for high-throughput O3 decomposition. <b>2019</b> , 481, 802-810		15
210	The combined effect of ozone treatment and polyethylene packaging on postharvest quality and biodiversity of Toona sinensis (A.Juss.) M.Roem. <i>Postharvest Biology and Technology</i> , <b>2019</b> , 154, 1-10	6.2	14
209	Comparative Study of Candida albicans Inactivation by Nonthermal Plasma on Stainless Steel with and without Diamond-like Carbon Film. <b>2019</b> , 4, 6891-6902		3
208	Inactivation of Bacillus Subtilis in Water by Direct and Indirect Nonthermal Plasma Treatments. <b>2019</b> , 47, 2620-2628		3
207	Ozone: An Advanced Oxidation Technology for Starch Modification. <i>Ozone: Science and Engineering</i> , <b>2019</b> , 41, 491-507	2.4	26
206	Application of an environmentally friendly preventive measure for the preservation of fresh vegetables. <b>2019</b> , 56, 2147-2157		
205	Efficacy of activated persulfate in pathogen inactivation: A further exploration. 2019, 120, 425-431		5
204	Strategies for Rot Control of Soybean Sprouts. <b>2019</b> , 10, 93-105		
203	Disinfectant of pummelo ( L. Osbeck) fruit juice using gaseous ozone. <b>2019</b> , 56, 262-272		11
202	Effects of cold plasma, UV-C or aqueous ozone treatment on Botrytis cinerea and their potential application in preserving blueberry. <b>2019</b> , 127, 175-185		16
201	Effect of Different Concentrations of Ozone on in Vitro Plant Pathogens Development, Tomato Yield and Quality, Photosynthetic Activity and Enzymatic Activities. <i>Ozone: Science and Engineering</i> , <b>2019</b> , 41, 531-540	2.4	8
<b>2</b> 00	Salmonella response to physical interventions employed in red meat processing facilities. <b>2019</b> , 103, 91-102		7
199	Quality deterioration of grape tomato fruit during storage after treatments with gaseous ozone at conditions that significantly reduced populations of Salmonella on stem scar and smooth surface. <b>2019</b> , 103, 9-20		14
	<u> </u>		
198	Ozone as a Potential Fumigant Alternative for the Management of Sitophilus oryzae (Coleoptera: Curculionidae) in Wheat. <b>2019</b> , 112, 1953-1963		7
198 197	Ozone as a Potential Fumigant Alternative for the Management of Sitophilus oryzae (Coleoptera:		7       5

195	Inactivation of Escherichia coli O157:H7 by ozone in different substrates. <b>2019</b> , 50, 247-253	11
194	Fusarium head blight and mycotoxins in wheat: prevention and control strategies across the food chain. <b>2019</b> , 12, 333-355	30
193	Photohydroionization Reduces Shiga Toxin-Producing and on Fresh Beef with Minimal Effects on Meat Quality. <b>2019</b> , 3, 105	2
192	Coating with alginate containing a mixture of essential oils and citrus extract in combination with ozonation or gamma irradiation increased the shelf life of Merluccius sp. fillets. <b>2019</b> , 22, 100434	19
191	Risk Management of Egg and Egg Products: Advanced Methods Applied. <b>2019</b> ,	
190	Effects of ozone treatment on pesticide residues in food: a review. <b>2019</b> , 54, 301-312	33
189	Ozonized water with plant antimicrobials: An effective method to inactivate Salmonella enterica on iceberg lettuce in the produce wash water. <b>2019</b> , 171, 213-217	6
188	The Addition of Viriditec Aqueous Ozone to Peracetic Acid as an Antimicrobial Spray Increases Air Quality While Maintaining Typhimurium, Non-pathogenic, and Reduction on Whole Carcasses. 5.7 Frontiers in Microbiology, <b>2018</b> , 9, 3180	7
187	Efficacy of Ozone against Different Strains of Brettanomyces bruxellensis on Winegrapes Postharvest and Impact on Wine Composition. <b>2019</b> , 70, 249-258	5
186	Stability of nanobubbles generated in water using porous membrane system. <b>2019</b> , 136, 62-71	43
185	Mechanisms of the Escherichia coli and Enterococcus faecalis inactivation by ozone. <b>2019</b> , 100, 306-313	27
184	Impact of Ozonation Process on the Microbiological Contamination and Antioxidant Capacity of Highbush Blueberry (Vaccinum corymbosum L.) Fruit during Cold Storage. <i>Ozone: Science and</i> 2.4 Engineering, <b>2019</b> , 41, 376-385	16
183	Improving the shelf-life and quality of fresh and minimally-processed fruits and vegetables for a modern food industry: A comprehensive critical review from the traditional technologies into the most promising advancements. <b>2020</b> , 60, 940-975	84
182	Assessing washing methods for reduction of pesticide residues in Capia pepper with LC-MS/MS. <b>2020</b> , 55, 1-10	15
181	Emerging chemical and physical disinfection technologies of fruits and vegetables: a comprehensive review. <b>2020</b> , 60, 2481-2508	63
180	Decontamination of chilli flakes in a fluidized bed using combined technologies: Infrared, UV and ozone. <b>2020</b> , 59, 102248	7
179	Synthetic fresh-cut wastewater disinfection and decontamination by ozonation at pilot scale. <b>2020</b> , 170, 115304	22
178	Gaseous Ozonation at Low Concentration Modifies Functional, Pasting, and Thermal Properties of Arrowroot Starch (Maranta arundinaceae). <b>2020</b> , 72, 1900106	7

177	Design and Implementation of Ozone Production Power Supply for the Application of Microbial Purification of Water. <b>2020</b> , 35, 8215-8223	4
176	Efficiency of novel processing technologies for the control of Listeria monocytogenes in food products. <b>2020</b> , 96, 61-78	51
175	Sanitization Potential of Ozone and Its Role in Postharvest Quality Management of Fruits and Vegetables. <b>2020</b> , 12, 48-67	22
174	Effect of ozone and ultrasound treatments on polyphenol content, browning enzyme activities, and shelf life of tender coconut water. <i>Journal of Food Processing and Preservation</i> , <b>2020</b> , 44, e14363	12
173	Oenological characteristics of Vitis vinifera L. Cabernet Sauvignon grapes from vineyards treated with ozonated water. <b>2020</b> , 26, 388-398	7
172	Crystal Growth of Clathrate Hydrate with Ozone: Implication for Ozone Preservation. <b>2020</b> , 8, 15678-15684	5
171	Spatiotemporal Distribution of the Environmental Microbiota in Food Processing Plants as Impacted by Cleaning and Sanitizing Procedures: the Case of Slaughterhouses and Gaseous Ozone. <b>2020</b> , 86,	8
170	Efficacy of aqueous ozone combined with sodium metasilicate on microbial load reduction of fresh-cut cabbage. <b>2020</b> , 23, 2065-2076	1
169	Norovirus elimination on the surface of fresh foods. <b>2020</b> , 1-16	2
168	Ozonation as a Method of Abiotic Elicitation Improving the Health-Promoting Properties of Plant Products-A Review. <b>2020</b> , 25,	19
167	CFD simulation of ozone gas flow for controlling Sitophilus zeamais in rice grains. <b>2020</b> , 88, 101675	1
166	Effects of ozonation, alkaline ionized water, and their combination on surface disinfection and shelf life extension of tomatoes. <i>Journal of Food Processing and Preservation</i> , <b>2020</b> , 44, e14792	
165	Inactivation of Salmonella and Listeria monocytogenes on dried fruit, pistachio nuts, cornflakes and chocolate crumb using a peracetic acid-ethanol based sanitizer or Advanced Oxidation Process. <b>2020</b> , 333, 108789	12
164	Functional, thermal, and molecular properties of ozonated starches. <b>2020</b> , 443, 012102	1
163	Ozone: A Potential Oxidant for COVID-19 Virus (SARS-CoV-2). <i>Ozone: Science and Engineering</i> , <b>2020</b> , 42, 378-385	44
162	Advantages and limitations of catalytic oxidation with hydrogen peroxide: from bulk chemicals to lab scale process. <b>2020</b> , 1-57	15
161	Implementation of Recycling Cigarette Butts in Lightweight Bricks and a Proposal for Ending the Littering of Cigarette Butts in Our Cities. <b>2020</b> , 13,	9
160	Locally Enhanced Electric Field Treatment (LEEFT) Promotes the Performance of Ozonation for Bacteria Inactivation by Disrupting the Cell Membrane. <b>2020</b> , 54, 14017-14025	13

## (2020-2020)

159	Novel Endotherapy-Based Applications of Ozonated Water to Bobal Grapevines: Effect on Grape Quality. <b>2020</b> , 10, 1218	4
158	Assessing the impact of the combined application of ultrasound and ozone on microbial quality and bioactive compounds with antioxidant attributes of cabbage (Brassica Oleracea L. Var. Capitata). 2.1 Journal of Food Processing and Preservation, <b>2020</b> , 44, e14779	3
157	Emerging Technologies for Aerial Decontamination of Food Storage Environments to Eliminate Microbial Cross-Contamination. <b>2020</b> , 9,	8
156	Effect of ozonation and pasteurization on total microorganism, pH and density whole milk and skim milk during cold storage. <b>2020</b> , 443, 012065	O
155	Temperature Stability and Effectiveness of Plasma-Activated Liquids over an 18 Months Period. <b>2020</b> , 12, 3021	10
154	Novel decontamination approaches and their potential application for post-harvest aflatoxin control. <b>2020</b> , 106, 489-496	18
153	Gaseous antimicrobial treatments to control foodborne pathogens on almond kernels and whole black peppercorns. <b>2020</b> , 92, 103576	7
152	Combination of Low Fluctuation of Temperature with TiO Photocatalytic/Ozone for the Quality Maintenance of Postharvest Peach. <b>2020</b> , 9,	8
151	Improving The Quality of Smoked Shark Meat With Ozone Water Technique. <b>2020</b> , 411, 012048	1
150	Antimicrobial effect of oxidative technologies in food processing: an overview. <b>2020</b> , 246, 669-692	6
149	Sanitizers for fresh-cut fruits and vegetables. <b>2020</b> , 99-119	
148	Ozonation of Brazil nuts: Decomposition kinetics, control of Aspergillus flavus and the effect on color and on raw oil quality. <b>2020</b> , 123, 109106	16
147	Spraying Ozonated Water on Bobal Grapevines: Effect on Wine Quality. <b>2020</b> , 10,	8
146	Disinfestation techniques for major cereals: A status report. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2020</b> , 19, 1125-1155	12
145	Ozone efficacy for the control of airborne viruses: Bacteriophage and norovirus models. <i>PLoS ONE</i> , <b>2020</b> , 15, e0231164	58
144	Application of ozone on rice storage: A mathematical modeling of the ozone spread, effects in the decontamination of filamentous fungi and quality attributes. <b>2020</b> , 87, 101605	9
143	Sanitization of Oak Barrels for Wine-A Review. <b>2020</b> , 68, 5283-5295	8
142	Changes in biochemistry of fresh produce in response to ozone postharvest treatment. <b>2020</b> , 269, 109397	22

141	Gas nanobubble dispersions as the important agent in environmental processes Igeneration methods review. <b>2020</b> , 34, 772-790		9
140	Ozone Processing of Cassava Starch. <i>Ozone: Science and Engineering</i> , <b>2021</b> , 43, 60-77	2.4	11
139	Effective pretreatment technologies for fresh foods aimed for use in central kitchen processing. <b>2021</b> , 101, 347-363		2
138	Emerging technologies to enhance starch performance. <b>2021</b> , 37, 26-36		19
137	Sustainable Agriculture Reviews 47. Sustainable Agriculture Reviews, 2021,	1.3	O
136	A novel DCM-based NIR fluorescent probe for detecting ozone and its bioimaging in live cells. <b>2021</b> , 248, 119192		3
135	Treatment of beef with gaseous ozone: Physicochemical aspects and antimicrobial effects on heterotrophic microflora and listeria monocytogenes. <b>2021</b> , 121, 107602		11
134	Ozonation of Brazil Nuts in Aqueous Media at Different pH Levels: Ozone Decomposition, Aspergillus flavus Inactivation, and Effects on Nut Color and Crude Oil Lipid Profile. <i>Ozone: Science and Engineering</i> , <b>2021</b> , 43, 351-362	2.4	7
133	Innovative Seafood Preservation Technologies: Recent Developments. 2021, 11,		14
132	Emerging technologies for pulse processing. <b>2021</b> , 265-293		
131	Effect of Gaseous Ozone and Heat Treatment on Quality and Shelf Life of Fresh Strawberries during Cold Storage. <b>2021</b> , 21, 218-231		7
130	Reduction of some insecticide residues from grapes with washing treatments. <b>2021</b> , 45, 125-137		1
129	Safety and efficacy of cold atmospheric plasma for the sterilization of a -contaminated subcutaneously implanted foreign body in rabbits. <b>2021</b> , 82, 118-124		2
128	Effect of Gaseous Ozone Process on Cantaloupe Melon Peel: Assessment of Quality and Antilisterial Indicators. <b>2021</b> , 10,		3
127	Influence of Ozonation on Cereal Flour Functionality and Dough Characteristics: A Review. <i>Ozone:</i> Science and Engineering, 1-24	2.4	2
126	Influence of Ozone on the Biochemical Composition of Birch Sap. <b>2021</b> , 11, 2965		O
125	Potential Mitigation of Smoke Taint in Wines by Post-Harvest Ozone Treatment of Grapes. <b>2021</b> , 26,		7
124	The In Vitro Effect of Ozone Therapy Against Equine Pythium insidiosum. <b>2021</b> , 98, 103305		3

123	Efficacy of Ozone on Mortality, Super Oxide Dismutases, Nitric Oxide Enzymes and Ultrastructural Alterations on Some Stored Product Insect Larvae in Egypt. <b>2021</b> , 29,		2
122	The improvement of white pepper quality using ozone application. <b>2021</b> , 672, 012068		1
121	The Effects of Pre-Ozonation on Drinking Water Quality Parameters. 2020, 7, 70-83		
120	Full Issue PDF. <b>2021</b> , 1, 75-125		
119	Topical Application of Ozonated Oils for the Treatment of MRSA Skin Infection in an Animal Model of Infected Ulcer. <b>2021</b> , 10,		4
118	A Review into the Effectiveness of Ozone Technology for Improving the Safety and Preserving the Quality of Fresh-Cut Fruits and Vegetables. <b>2021</b> , 10,		16
117	Ozone Application in COVID-19 Triage Areas and Its Efficiency of Microbial Decontamination. <i>Ozone: Science and Engineering</i> , <b>2021</b> , 43, 306-316	2.4	2
116	Effect of Ozone on Inactivation of Purified Pepper Mild Mottle Virus and Contaminated Pepper Seed. <b>2021</b> , 1, 85-93		1
115	The application of ozonated water rearranges the Vitis vinifera L. leaf and berry transcriptomes eliciting defence and antioxidant responses. <b>2021</b> , 11, 8114		5
114	Effect of gaseous ozone application during chilling on microbial and quality attributes of pig carcasses. <b>2021</b> , 10820132211014985		1
113	Control of Listeria monocytogenes in Refrigerated Ozonated Water. <i>Ozone: Science and Engineering</i> , 1-10	2.4	1
112	The Effect of Gaseous Ozone Generated by Surface Dielectric Barrier Discharge on the Decay and Quality of Stored Onion Bulbs. <b>2021</b> , 11, 1058		1
111	Assessing the potential of unmanned aerial vehicle spraying of aqueous ozone as an outdoor disinfectant for SARS-CoV-2. <b>2021</b> , 196, 110944		8
110	Does the treatment of dried herbs with ozone as a fungal decontaminating agent affect the active constituents?. <b>2021</b> , 277, 116715		3
109	A Simple Electrostatic Precipitator for Trapping Virus Particles Spread via Droplet Transmission. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	2
108	Modelling ozone disinfection process for creating COVID-19 secure spaces. <b>2021</b> , ahead-of-print,		2
107	Ozone as a Fungicidal and Detoxifying Agent to Maize Contaminated with Fumonisins. <i>Ozone:</i> Science and Engineering, 1-12	2.4	1
106	Emerging non-thermal technologies for decontamination of Salmonella in food. <b>2021</b> , 112, 400-418		17

105	Ozonized Water in Microbial Control: Analysis of the Stability, In Vitro Biocidal Potential, and Cytotoxicity. <b>2021</b> , 10,	7	
104	Integrated control of blue and gray molds of apples with antagonistic yeasts combined with carbon dioxide or ozone. <b>2021</b> , 103, 943-953	2	
103	Monitoring of new coronavirus (SARS-CoV-2): Origin, transmission, and food preservation methods. <i>Journal of Food Processing and Preservation</i> , <b>2021</b> , 45, e15564	Ο	
102	Ozone inactivation of airborne influenza and lack of resistance of respiratory syncytial virus to aerosolization and sampling processes. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253022	5	
101	Ozone: An Advanced Oxidation Technology to Enhance Sustainable Food Consumption through Mycotoxin Degradation. <i>Ozone: Science and Engineering</i> , 1-21	10	
100	Optimization of effective parameters in cold pasteurization of pomegranate juice by response surface methodology and evaluation of physicochemical characteristics. <b>2021</b> , 147, 111679	3	
99	Advances in micro- and nano bubbles technology for application in biochemical processes. <b>2021</b> , 23, 101729	15	
98	Can ozone inactivate SARS-CoV-2? A review of mechanisms and performance on viruses. <b>2021</b> , 415, 125658	28	
97	Intermittent Root Flushing with Ozonated Water Promotes Growth of Japanese Mustard Spinach (Brassica rapa var. perviridis) grown in a Nutrient Film Technique Hydroponic Culture <b>P</b> reliminary 2.4 Results. <i>Ozone: Science and Engineering</i> , 1-9	1	
96	Aqueous Ozone Sanitization System for Fresh Produce: Design, Development, and Optimization of Process Parameters for Minimally Processed Onion. <i>Ozone: Science and Engineering</i> , 1-14	3	
95	Inactivation Activities of Ozonated Water, Slightly Acidic Electrolyzed Water and Ethanol against SARS-CoV-2. <b>2021</b> , 26,	4	
94	Application of dielectric barrier discharge for improving food shelf life and reducing spoilage. <b>2021</b> , 11, 19200	1	
93	Application of cold plasma and ozone technology for decontamination of Escherichia coli in foodsa review. <b>2021</b> , 130, 108338	24	
92	Catalytic ozonation of VOCs at low temperature: A comprehensive review. <b>2022</b> , 422, 126847	19	
91	Produce Washers. 87-103	3	
90	Nonthermal Technologies to Extend the Shelf Life of Fresh-Cut Fruits and Vegetables. <i>Food Engineering Series</i> , <b>2013</b> , 375-413	2	
89	Postharvest Quality and Safety of Fresh-Cut Vegetables. <i>Food Engineering Series</i> , <b>2017</b> , 271-326 0.5	5	
88	Inactivation of murine norovirus and hepatitis A virus on fresh raspberries by gaseous ozone treatment. <b>2018</b> , 70, 1-6	30	

87	Washing and Sanitizing Treatments for Fruits and Vegetables. 2005, 375-400		15
86	Ultrasound Processing for Food Safety and Preservation. <b>2014</b> , 110-133		3
85	Ozone: A Novel Microbial Inactivation Process. <b>2014</b> , 134-162		6
84	The Impact of Ozone Treatment in Dynamic Bed Parameters on Changes in Biologically Active Substances of Juniper Berries. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144855	3.7	16
83	Saturaß do ozfiio em coluna contendo grßs de amendoim e efeito na qualidade. <b>2016</b> , 19,		2
82	Antibacterial Potency of Ozonated Water against Escherichia coli. <i>Journal of Pure and Applied Microbiology</i> , <b>2019</b> , 13, 637-641	0.9	2
81	Fields of Ozone Applications. 2009, 3, 139-161		7
80	Evaluation of UVC Radiation and a UVC-Ozone Combination as Fresh Beef Interventions against Shiga Toxin-Producing Escherichia coli, Salmonella, and Listeria monocytogenes and Their Effects on Beef Quality. <i>Journal of Food Protection</i> , <b>2020</b> , 83, 1520-1529	2.5	8
79	Potential of aqueous ozone to control aflatoxigenic fungi in Brazil nuts. <b>2013</b> , 2013, 859830		10
78	Ozonization of Water, Retention of Ozone and Devitalization of Escherichia Coli in Water By Ozone. <b>2021</b> , 65, 40-50		
77	Comparative analyses of sanitizing solutions on microbial reduction and quality of leafy greens. <b>2022</b> , 154, 112696		O
76	Preharvest Management and Postharvest Intervention Strategies to Reduce Contamination in Goat Meat: A Review. <b>2021</b> , 11,		1
75	Application of ozonation as a clean method of herbs freshness prolongation: Experiment and model construction. e13913		
74	Gas-/Vapor-Phase Sanitation (Decontamination) Treatments. 2005, 401-435		1
73	Reduction of Microflora in the Manufacture of Saengshik by Hygienic Processing. 2007, 12, 167-172		
72	References. 483-495		
71	PROCESS HYGIENE   Hygiene in the Catering Industry. <b>2014</b> , 171-175		
70	Ozone Processing. 617-644		1

69	The Chemistry of Disinfection: Ally or Enemy?. Springer Briefs in Molecular Science, 2015, 75-92	0.6	3
68	Changes in Quality of Mipung Chestnut during Storage by Pre-treatment Methods after Harvest. <i>Hangug Nimhag Hoi Ji</i> , <b>2015</b> , 104, 558-563		
67	Effect of Sterilization Process Using Plasma-Excited Neutral Gas on Materials of Medical Instruments. <i>IEEJ Transactions on Sensors and Micromachines</i> , <b>2016</b> , 136, 6-11	0.2	
66	Packaging and Preservation Methods of Minimally Processed Produce. <i>Food Engineering Series</i> , <b>2017</b> , 239-268	0.5	
65	Comparison of Generally Recognized as Safe Organic Acids for Disinfecting Fresh-cut Lettuce.		1
64	Energy Efficiency in Meat Processing. <i>Impact of Meat Consumption on Health and Environmental Sustainability</i> , <b>2019</b> , 78-107	0.3	
63	Overview on the Food Industry and Its Advancement. <b>2019</b> , 23-47		1
62	Ozonlaman-n Kepekli/ Kepeksiz Kuru ve NemlendirilmiŒkmeklik Buday Taneleri Zellikleri Zerine Etkileri. <i>Yuzuncu Yil University Journal of Agricultural Sciences</i> , 604-610	0.3	
61	Pyrethroid and Residues in Chickens and Poultry Litter. Sustainable Agriculture Reviews, 2021, 145-166	1.3	
60	Utilization of Ozone for the Improvement of Mentha piperita L. Quality by Reduction of Microbial Load and Impact of the Process on the Herb Properties. <i>Acta Universitatis Cibiniensis Series E: Food Technology</i> , <b>2020</b> , 24, 156-164	0.7	
59	Role of Ozone in Post-Harvest Disinfection and Processing of Horticultural Crops: A Review. <i>Ozone: Science and Engineering</i> , 1-20	2.4	2
58	Radiosensitivity of Feline Calicivirus F9 on Iceberg Lettuce Surface after Combined Treatments with ERadiation. <i>Journal of Food Protection</i> , <b>2020</b> , 83, 2134-2146	2.5	
57	Advances in microbiological quality control. <b>2022</b> , 207-241		
56	Potential of low-dose aqueous ozone treatment and packaging to extend quality and shelf-life of green pea pods under cold storage. <i>Journal of Food Processing and Preservation</i> , e16165	2.1	O
55	Impact of Food Processing on Anthocyanins. <b>2021</b> , 141-164		
54	Development of ozone monitoring system in ozone-treated water <i>Review of Scientific Instruments</i> , <b>2021</b> , 92, 124105	1.7	О
53	Decontamination technologies for medicinal and aromatic plants: A review <i>Food Science and Nutrition</i> , <b>2022</b> , 10, 784-799	3.2	1
52	New food safety challenges of viral contamination from a global perspective: Conventional, emerging, and novel methods of viral control <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2022</b> ,	16.4	2

51	Bacterial and fungal disinfection via ozonation in air Journal of Microbiological Methods, 2022, 194, 10	6 <b>43</b> 81	8
50	A critical review on the inactivation of surface and airborne SARS-CoV-2 virus by ozone gas. <i>Critical Reviews in Environmental Science and Technology</i> , 1-23	11.1	3
49	1D fluid model of the interaction between helium APPJ and deionized water. <i>Journal Physics D: Applied Physics</i> , <b>2022</b> , 55, 255204	3	
48	Ozone ultrafine bubble water inhibits the early formation of Candida albicans biofilms. <i>PLoS ONE</i> , <b>2021</b> , 16, e0261180	3.7	1
47	Effect of two types of ozone treatments on the quality of apple fruits. <i>Acta Universitatis Cibiniensis Series E: Food Technology</i> , <b>2021</b> , 25, 285-292	0.7	
46	Alternate Food Preservation Technology. <b>2021</b> , 275-340		
45	Mechanisms of Action of Ozone Therapy in Emerging Viral Diseases: Immunomodulatory Effects and Therapeutic Advantages With Reference to SARS-CoV-2 Frontiers in Microbiology, 2022, 13, 87164	5 <sup>5.7</sup>	4
44	Oxygen transfer of microbubble clouds in aqueous solutions - Application to wastewater. <i>Chemical Engineering Science</i> , <b>2022</b> , 117693	4.4	2
43	Recent advances in processing and preservation of minimally processed fruits and vegetables: A review Part 1: Fundamentals and chemical methods. <i>Journal of Food Processing and Preservation</i> ,	2.1	
42	Applications of green technologies-based approaches for food safety enhancement: A comprehensive review. <i>Food Science and Nutrition</i> ,	3.2	2
41	Studying the Penetration Ability of Various Pathogenic Bacteria into Raw Beef Meat Surface and the Antibacterial Effect of Ozonated Water. <i>Journal of Pure and Applied Microbiology</i> ,	0.9	O
40	The Assessment of Indoor Formaldehyde and Bioaerosol Removal by Using Negative Discharge Electrostatic Air Cleaners. <i>International Journal of Environmental Research and Public Health</i> , <b>2022</b> , 19, 7209	4.6	1
39	Highly efficient ozone elimination by metal doped ultra-fine Cu2O nanoparticles. <i>Journal of Environmental Sciences</i> , <b>2022</b> ,	6.4	
38	Inactivation of Aspergillus niger and Erwinia carotovora in onion (Allium cepa L.) bulbs subjected to pulsed ozone treatment. <i>Postharvest Biology and Technology</i> , <b>2022</b> , 192, 111998	6.2	1
37	Ozonation as a Potential Approach for Pesticide and Microbial Detoxification of Food Grains with a Focus on Nutritional and Functional Quality. <i>Food Reviews International</i> , 1-33	5.5	0
36	Effect of Nanobubble Presence on Murine Fibroblasts and Human Leukemia Cell Cultures. <i>Langmuir</i> , <b>2022</b> , 38, 8575-8584	4	O
35	Ozonation: an Evolving Disinfectant Technology for the Food Industry. <i>Food and Bioprocess Technology</i> ,	5.1	2
34	Role of cold atmospheric plasma in microbial inactivation and the factors affecting its efficacy. Health Sciences Review, <b>2022</b> , 4, 100037		2

33	Preliminary Studies on Endotherapy Based Application of Ozonated Water to Bobal Grapevines: Effect on Wine Quality. <b>2022</b> , 27, 5155	1
32	SARS-CoV-2 pseudotyped virus persists on the surface of multiple produce but can be inactivated with gaseous ozone. <b>2022</b> , 8, e10280	
31	Antimicrobial potential of ozone for the storage of grains: special focus on inhibition of bacterial contamination. 1-13	
30	Fruits and vegetables are the major source of food safety issues need to overcome at household level (traditional vs. green technologies): A comparative review.	
29	Reduction of Salmonella enterica Typhimurium populations and quality of grape tomatoes treated with dry and humidified gaseous ozone. <b>2022</b> , 193, 112061	O
28	Effect of negative air ionization technology on microbial reduction of food-related microorganisms. <b>2022</b> , 169, 113998	O
27	Different Food Processing Technologies: A General Background. <b>2022</b> , 37-89	0
26	Non-electro-Technologies: Gamma Rays, UV Light, Ozone, Photodynamic and Membrane Processing. <b>2022</b> , 253-308	О
25	Effect of Ozonation and Plasma Processing on Food Bioactives. <b>2022</b> , 547-577	0
24	Minimal processing methods for food. <b>2022</b> , 301-331	O
		Ö
23	How to comprehensively improve juice quality: a review of the impacts of sterilization technology on the overall quality of fruit and vegetable juices in 2010\( \textit{D}\)021, an updated overview and current issues. 1-51	0
23	on the overall quality of fruit and vegetable juices in 2010🛭 021, an updated overview and current	
	on the overall quality of fruit and vegetable juices in 2010\( \begin{aligned} 0.021, an updated overview and current issues. 1-51	0
22	on the overall quality of fruit and vegetable juices in 2010\( \bar{\pi}\)021, an updated overview and current issues. 1-51  Role of Ozone in Food Industry and Agriculture- A Review. 232-249  Effects of vegetables and fruit with varying physical damage, fungal infection, and soil	0
22	on the overall quality of fruit and vegetable juices in 2010\( \textit{D}\( \textit{0} \) 2021, an updated overview and current issues. 1-51  Role of Ozone in Food Industry and Agriculture- A Review. 232-249  Effects of vegetables and fruit with varying physical damage, fungal infection, and soil contamination on stability of aqueous ozone. 2022, 102157  Use of gaseous ozone in soft cheese ripening: Effect on the rind microorganisms and the sensorial	0 0
22 21 20	on the overall quality of fruit and vegetable juices in 2010\( \textit{\textit{0}} 2021, \) an updated overview and current issues. 1-51  Role of Ozone in Food Industry and Agriculture- A Review. 232-249  Effects of vegetables and fruit with varying physical damage, fungal infection, and soil contamination on stability of aqueous ozone. 2022, 102157  Use of gaseous ozone in soft cheese ripening: Effect on the rind microorganisms and the sensorial quality. 2022, 170, 114066  Fungal synthesis of copper nanoparticles and their applications in agri-food, environmental, and	0 0 1 2
22 21 20	on the overall quality of fruit and vegetable juices in 2010\( \text{2021}, \) an updated overview and current issues. 1-51  Role of Ozone in Food Industry and Agriculture- A Review. 232-249  Effects of vegetables and fruit with varying physical damage, fungal infection, and soil contamination on stability of aqueous ozone. 2022, 102157  Use of gaseous ozone in soft cheese ripening: Effect on the rind microorganisms and the sensorial quality. 2022, 170, 114066  Fungal synthesis of copper nanoparticles and their applications in agri-food, environmental, and biomedical sectors. 2023, 91-114	0 0 1 2

## CITATION REPORT

15	Development and characterization of yeast-incorporated coating films for improving the postharvest shelf-life of snap beans. <b>2023</b> , 197, 112215	0
14	Application of electric field treatment (EFT) for microbial control in water and liquid food. <b>2023</b> , 445, 130561	O
13	Evaluation of Ozonation Technique for Pesticide Residue Removal in Okra and Green Chili Using GC-ECD and LC-MS/MS. <b>2022</b> , 11, 3202	O
12	Evaluation of the Effect of Ozone Therapy on the Treatment of Cutaneous Wounds with Tissue-loss in Dogs and Cats.	O
11	Impact of Ozonated Water on Brown Rot Development and Storage Potential of Nectarine and Plum. 1-9	O
10	Strawberry Variety Influences the Effectiveness of Postharvest Treatment with Gaseous Ozone: Impact on the Physicochemical, Microbiological, and Bioactive Properties of the Fruit. <b>2023</b> , 11, 346	O
9	A minireview of recent developments in ozone detection using optical chemodosimeters.	0
8	APPLICATION OF OZONE TREATMENT IN AGRICULTURE AND FOOD INDUSTRY. A REVIEW. <b>2022</b> , 861-872	O
7	The potential use of ozone as antifungal and antiaflatoxigenic agent in nuts and its effect on nutritional quality. 84,	0
6	Industrial backgrounds and microbes growth. <b>2023</b> , 141-217	O
5	The Use of Ozone Technology to Control Microorganism Growth, Enhance Food Safety and Extend Shelf Life: A Promising Food Decontamination Technology. <b>2023</b> , 12, 814	0
4	The Use of Ozone Technology: An Eco <b>E</b> riendly Method for the Sanitization of the Dairy Supply Chain. <b>2023</b> , 12, 987	O
3	Highly selective and green recovery of lithium ions from lithium iron phosphate powders with ozone.	O
2	Ozone ultrafine bubble water exhibits bactericidal activity against pathogenic bacteria in the oral cavity and upper airway and disinfects contaminated healthcare equipment. <b>2023</b> , 18, e0284115	O
1	Removal of Pseudomonas fluorescens biofilms from pilot-scale food processing equipment using ozone-assisted cleaning-in-place. 14,	О