

Apostolos Vantarakis

List of Publications by Citations

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121
papers

2,978
citations

29
h-index

50
g-index

145
ext. papers

3,519
ext. citations

4.7
avg, IF

5.18
L-index

#	Paper	IF	Citations
121	Virus hazards from food, water and other contaminated environments. <i>FEMS Microbiology Reviews</i> , 2012 , 36, 786-814	15.1	197
120	Distribution of human virus contamination in shellfish from different growing areas in Greece, Spain, Sweden, and the United Kingdom. <i>Applied and Environmental Microbiology</i> , 2002 , 68, 5990-8	4.8	165
119	Ultraviolet light and ultrasound as non-thermal treatments for the inactivation of microorganisms in fresh ready-to-eat foods. <i>International Journal of Food Microbiology</i> , 2013 , 167, 96-102	5.8	147
118	Shellfish-borne viral outbreaks: a systematic review. <i>Food and Environmental Virology</i> , 2013 , 5, 13-23	4	130
117	Harmonised investigation of the occurrence of human enteric viruses in the leafy green vegetable supply chain in three European countries. <i>Food and Environmental Virology</i> , 2012 , 4, 179-91	4	117
116	Evaluation of potential indicators of viral contamination in shellfish and their applicability to diverse geographical areas. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 1556-63	4.8	90
115	Prioritisation of food-borne parasites in Europe, 2016. <i>Eurosurveillance</i> , 2018 , 23,	19.8	86
114	Application of human and animal viral microbial source tracking tools in fresh and marine waters from five different geographical areas. <i>Water Research</i> , 2014 , 59, 119-29	12.5	80
113	Occurrence of human enteric viruses in commercial mussels at retail level in three European countries. <i>Food and Environmental Virology</i> , 2012 , 4, 73-80	4	67
112	Cytogenetic study in cultured human lymphocytes treated with three commonly used preservatives. <i>Food and Chemical Toxicology</i> , 2008 , 46, 2390-3	4.7	66
111	Loop-Mediated Isothermal Amplification (LAMP) for the Detection of Salmonella in Food. <i>Food Analytical Methods</i> , 2014 , 7, 512-526	3.4	63
110	Detection of adenovirus outbreak at a municipal swimming pool by nested PCR amplification. <i>Journal of Infection</i> , 1998 , 36, 101-3	18.9	61
109	Quantitative farm-to-fork risk assessment model for norovirus and hepatitis A virus in European leafy green vegetable and berry fruit supply chains. <i>International Journal of Food Microbiology</i> , 2015 , 198, 50-8	5.8	58
108	Pre-pregnancy obesity: maternal, neonatal and childhood outcomes. <i>Journal of Neonatal-Perinatal Medicine</i> , 2013 , 6, 203-16	1.3	44
107	Polymeric Quaternary Ammonium-Containing Coatings with Potential Dual Contact-Based and Release-Based Antimicrobial Activity. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 35593-35605	9.5	42
106	Medical waste management and environmental assessment in the Rio University Hospital, Western Greece. <i>Sustainable Chemistry and Pharmacy</i> , 2019 , 13, 100163	3.9	41
105	Virological Quality of Irrigation Water in Leafy Green Vegetables and Berry Fruits Production Chains. <i>Food and Environmental Virology</i> , 2017 , 9, 72-78	4	41

104	Development of a multiplex PCR detection of Salmonella spp. and Shigella spp. in mussels. <i>Letters in Applied Microbiology</i> , 2000 , 31, 105-9	2.9	41
103	Molecular detection of multiple viral targets in untreated urban sewage from Greece. <i>Virology Journal</i> , 2011 , 8, 195	6.1	40
102	Cotransport of human adenoviruses with clay colloids and TiO nanoparticles in saturated porous media: Effect of flow velocity. <i>Science of the Total Environment</i> , 2017 , 598, 160-167	10.2	39
101	Viral outbreaks linked to fresh produce consumption: a systematic review. <i>Journal of Applied Microbiology</i> , 2018 , 124, 932-942	4.7	39
100	Microbiological evaluation of bottled non-carbonated ("still") water from domestic brands in Greece. <i>International Journal of Food Microbiology</i> , 2006 , 107, 68-72	5.8	39
99	Improved strategies to counter the COVID-19 pandemic: Lockdowns vs. primary and community healthcare. <i>Toxicology Reports</i> , 2021 , 8, 1-9	4.8	38
98	Interaction of human adenoviruses and coliphages with kaolinite and bentonite. <i>Science of the Total Environment</i> , 2015 , 517, 86-95	10.2	36
97	Occurrence of microorganisms of public health and spoilage significance in fruit juices sold in retail markets in Greece. <i>Anaerobe</i> , 2011 , 17, 288-91	2.8	36
96	Detection of enteroviruses and adenoviruses in coastal waters of SW Greece by nested polymerase chain reaction. <i>Water Research</i> , 1998 , 32, 2365-2372	12.5	32
95	Synthesis of alternating polystyrene/poly(ethyleneoxide) branched polymacromonomers. <i>Chemistry - A European Journal</i> , 2002 , 8, 467-73	4.8	31
94	Environmental mycobacteria in bottled table waters in Greece. <i>Canadian Journal of Microbiology</i> , 1997 , 43, 499-502	3.2	29
93	Global avian influenza outbreaks 2010-2016: a systematic review of their distribution, avian species and virus subtype. <i>Systematic Reviews</i> , 2018 , 7, 17	3	28
92	Poly(sodium styrene sulfonate)-b-poly(methyl methacrylate) diblock copolymers through direct atom transfer radical polymerization: Influence of hydrophilic/hydrophobic balance on self-organization in aqueous solution. <i>European Polymer Journal</i> , 2011 , 47, 752-761	5.2	28
91	Environmental Mycobacteria in Drinking Water Before and After Replacement of the Water Distribution Network. <i>Water, Air, and Soil Pollution</i> , 2000 , 120, 273-282	2.6	27
90	Synthesis and self-association in dilute aqueous solution of hydrophobically modified polycations and polyampholytes based on 4-vinylbenzyl chloride. <i>European Polymer Journal</i> , 2014 , 54, 39-51	5.2	26
89	A large waterborne gastroenteritis outbreak in central Greece, March 2012: challenges for the investigation and management. <i>Epidemiology and Infection</i> , 2014 , 142, 40-50	4.3	25
88	Evaluation of Antimicrobial Efficiency of New Polymers Comprised by Covalently Attached and/or Electrostatically Bound Bacteriostatic Species, Based on Quaternary Ammonium Compounds. <i>Molecules</i> , 2015 , 20, 21313-27	4.8	25
87	A novel tool for specific detection and quantification of chicken/turkey parvoviruses to trace poultry fecal contamination in the environment. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 7496-98	4.8	25

86	Polymeric Antimicrobial Coatings Based on Quaternary Ammonium Compounds. <i>Coatings</i> , 2018 , 8, 8	2.9	24
85	Direct synthesis of amphiphilic block copolymers, consisting of poly(methyl methacrylate) and poly(sodium styrene sulfonate) blocks through atom transfer radical polymerization. <i>European Polymer Journal</i> , 2008 , 44, 1857-1864	5.2	23
84	Epidemiological investigation of two parallel gastroenteritis outbreaks in school settings. <i>BMC Public Health</i> , 2013 , 13, 241	4.1	22
83	Development of Cu ²⁺ - and/or phosphonium-based polymeric biocidal materials and their potential application in antifouling paints. <i>Progress in Organic Coatings</i> , 2012 , 75, 190-199	4.8	21
82	Differentiation of faecal Escherichia coli from human and animal sources by random amplified polymorphic DNA-PCR (RAPD-PCR). <i>Water Science and Technology</i> , 2004 , 50, 193-198	2.2	21
81	Abscesses and wound infections due to Staphylococcus lugdunensis: report of 16 cases. <i>Infection</i> , 2013 , 41, 525-8	5.8	20
80	Detection of Enteroviruses, Adenoviruses and Hepatitis A Viruses in Raw Sewage and Treated Effluents by Nested-PCR. <i>Water, Air, and Soil Pollution</i> , 1999 , 114, 85-93	2.6	19
79	Multicenter Collaborative Trial Evaluation of a Method for Detection of Human Adenoviruses in Berry Fruit. <i>Food Analytical Methods</i> , 2012 , 5, 1-7	3.4	18
78	A gastroenteritis outbreak caused by noroviruses in Greece. <i>International Journal of Environmental Research and Public Health</i> , 2011 , 8, 3468-78	4.6	18
77	Impact of intensive agricultural practices on drinking water quality in the Evros region (NE Greece) by GIS analysis. <i>Environmental Monitoring and Assessment</i> , 2008 , 143, 43-50	3.1	18
76	Higher all-cause mortality in children during autumn 2009 compared with the three previous years: pooled results from eight European countries. <i>Eurosurveillance</i> , 2010 , 15,	19.8	18
75	Enhanced Water Vapor Transmission through Porous Membranes Based on Melt Blending of Polystyrene Sulfonate with Polyethylene Copolymers and Their CNT Nanocomposites. <i>Polymers</i> , 2016 , 8,	4.5	18
74	Synthesis of antimicrobial block copolymers bearing immobilized bacteriostatic groups. <i>Polymer Chemistry</i> , 2016 , 7, 3562-3575	4.9	17
73	Preparation and toxicological assessment of functionalized carbon nanotube-polymer hybrids. <i>PLoS ONE</i> , 2014 , 9, e107029	3.7	16
72	Efficacy of three light technologies for reducing microbial populations in liquid suspensions. <i>BioMed Research International</i> , 2014 , 2014, 673939	3	16
71	Environmental surveillance. An additional/alternative approach for virological surveillance in Greece?. <i>International Journal of Environmental Research and Public Health</i> , 2011 , 8, 1914-22	4.6	16
70	Comparative typing of Pseudomonas species isolated from the aquatic environment in Greece by SDS-PAGE and RAPD analysis. <i>Journal of Applied Microbiology</i> , 2005 , 99, 1191-203	4.7	16
69	Performance of three small-scale wastewater treatment plants. A challenge for possible re use. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 17744-52	5.1	15

68	An outbreak of hepatitis A in Roma populations living in three prefectures in Greece. <i>Epidemiology and Infection</i> , 2010 , 138, 1025-31	4.3	15
67	Region-specific genetic heterogeneity of HBB mutation distribution in South-Western Greece. <i>Hemoglobin</i> , 2010 , 34, 333-42	0.6	15
66	Multiantibiotic resistance of gram-negative bacteria isolated from drinking water samples in southwest Greece. <i>Journal of Chemotherapy</i> , 2000 , 12, 267-73	2.3	15
65	Molecular Typing of Enteroviruses, Adenoviruses, and Hepatitis A Viruses in Untreated and Treated Sewage of a Biological Treatment Plant in Greece. <i>Food and Environmental Virology</i> , 2010 , 2, 89-96	4	14
64	Non-Tuberculosis Mycobacteria in Hospital Water Supplies. <i>Water, Air, and Soil Pollution</i> , 1998 , 104, 331-337	3.7	14
63	Sensitive Detection of E. coli in Artificial Seawater by Aptamer-Coated Magnetic Beads and Direct PCR. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5392	2.6	14
62	Transport of Human Adenoviruses in Water Saturated Laboratory Columns. <i>Food and Environmental Virology</i> , 2015 , 7, 122	4	13
61	Molecular epidemiological analysis of adenoviruses from excess conjunctivitis cases. <i>BMC Ophthalmology</i> , 2017 , 17, 51	2.3	13
60	Prevalence of Legionella spp. in water systems of hospitals and hotels in South Western Greece. <i>International Journal of Environmental Health Research</i> , 2012 , 22, 340-54	3.6	13
59	Differentiation of faecal Escherichia coli from humans and animals by multiple antibiotic resistance analysis. <i>Letters in Applied Microbiology</i> , 2006 , 42, 71-7	2.9	13
58	Artificial neural network prediction of viruses in shellfish. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 5244-53	4.8	13
57	Impact on the Quality of Life When Living Close to a Municipal Wastewater Treatment Plant. <i>Journal of Environmental and Public Health</i> , 2016 , 2016, 8467023	2.6	13
56	Evaluation of microbiological quality of coastal waters in Greece. <i>Journal of Water and Health</i> , 2005 , 3, 371-80	2.2	11
55	Description of a novel viral tool to identify and quantify ovine faecal pollution in the environment. <i>Science of the Total Environment</i> , 2013 , 458-460, 355-60	10.2	10
54	Development and Evaluation of a Loop-Mediated Isothermal Amplification Assay for the Detection of Adenovirus 40 and 41. <i>Food and Environmental Virology</i> , 2015 , 7, 276-85	4	10
53	Synthesis of Polythiophene/Fullerene Hybrid Additives as Potential Compatibilizers of BHJ Active Layers. <i>Polymers</i> , 2016 , 8,	4.5	10
52	Effect of Nonthermal, Conventional, and Combined Disinfection Technologies on the Stability of Human Adenoviruses as Fecal Contaminants on Surfaces of Fresh Ready-to-Eat Products. <i>Journal of Food Protection</i> , 2016 , 79, 454-62	2.5	10
51	Applications of biosensors for bacteria and virus detection in food and water-A systematic review.. <i>Journal of Environmental Sciences</i> , 2022 , 111, 367-379	6.4	10

50	Cardiovascular risk factors in HIV infected individuals: Comparison with general adult control population in Greece. <i>PLoS ONE</i> , 2020 , 15, e0230730	3.7	9
49	The potential for a concerted system for the rapid monitoring of excess mortality throughout Europe. <i>Eurosurveillance</i> , 2010 , 15,	19.8	9
48	Release of Polymeric Biocides from Synthetic Matrices for Marine Biofouling Applications. <i>Agriculture and Agricultural Science Procedia</i> , 2015 , 4, 445-450		8
47	Virological fit-for-purpose risk assessment in a leafy green production enterprise. <i>Food Control</i> , 2015 , 51, 333-339	6.2	8
46	National Survey of Morbidity and Risk Factors (EMENO): Protocol for a Health Examination Survey Representative of the Adult Greek Population. <i>JMIR Research Protocols</i> , 2019 , 8, e10997	2	8
45	Biofilm synthesis and presence of virulence factors among enterococci isolated from patients and water samples. <i>Journal of Medical Microbiology</i> , 2015 , 64, 1270-1276	3.2	8
44	Evaluation of Essential Oils and Extracts of Rose Geranium and Rose Petals as Natural Preservatives in Terms of Toxicity, Antimicrobial, and Antiviral Activity. <i>Pathogens</i> , 2021 , 10,	4.5	8
43	Pitfalls in the identification of Enterococcus species and the detection of vanA and vanB genes. <i>Letters in Applied Microbiology</i> , 2016 , 63, 189-95	2.9	7
42	Rare types of rotaviruses isolated from children with acute gastroenteritis in Patras, Greece. <i>Intervirology</i> , 2013 , 56, 237-41	2.5	7
41	Molecular characterization of hepatitis A virus isolates from environmental and clinical samples in Greece. <i>Virology Journal</i> , 2010 , 7, 235	6.1	7
40	Pre-pregnancy maternal obesity in Greece: A case-control analysis. <i>Early Human Development</i> , 2016 , 93, 57-61	2.2	6
39	Evaluation of Two Loop-mediated Isothermal Amplification Methods for the Detection of Enteritidis and in Artificially Contaminated Ready-to-Eat Fresh Produce. <i>Italian Journal of Food Safety</i> , 2015 , 4, 5383	1.2	6
38	Development of an optimized method for the detection of airborne viruses with real-time PCR analysis. <i>Virology Journal</i> , 2011 , 8, 369	6.1	6
37	Modification of Collagen Derivatives with Water-Soluble Polymers for the Development of Cross-Linked Hydrogels for Controlled Release. <i>Materials</i> , 2019 , 12,	3.5	6
36	Polymeric Coatings Based on Water-Soluble Trimethylammonium Copolymers for Antifouling Applications. <i>Molecules</i> , 2020 , 25,	4.8	5
35	Diachronic long-term surveillance of bacteriological quality of bottled water in Greece (1995-2010). <i>Food Control</i> , 2013 , 33, 63-67	6.2	5
34	COVID-19 and Environmental factors. A PRISMA-compliant systematic review		5
33	Cross-linking of antimicrobial polymers with hexamethylene diamine to prevent biofouling in marine applications. <i>Progress in Organic Coatings</i> , 2021 , 157, 106336	4.8	5

32	Molecular Characterization and Phylogenetic Analysis of <i>Pseudomonas aeruginosa</i> Isolates Recovered from Greek Aquatic Habitats Implementing the Double-Locus Sequence Typing Scheme. <i>Microbial Ecology</i> , 2017 , 74, 78-88	4.4	4
31	Hybridisation of F+ RNA coliphages detected in shellfish samples with oligonucleotide probes to assess the origin of microbiological pollution of shellfish. <i>Water Science and Technology</i> , 2006 , 54, 219-23 ^{2.2}		4
30	Assessment of the Virological Quality of Marine and Running Surface Waters in NW Greece: A Case Study. <i>Food and Environmental Virology</i> , 2018 , 10, 316-326	4	3
29	Prepregnancy maternal obesity and fetal-perinatal death in a Mediterranean country. <i>Journal of Perinatal Medicine</i> , 2015 , 43, 291-8	2.7	3
28	Equivalency testing of TTC Tergitol 7 agar (ISO 9308-1:2000) with five culture media for the detection of <i>E. coli</i> in water samples in Greece. <i>Water Science and Technology</i> , 2010 , 61, 67-76	2.2	3
27	Outbreak of Gastroenteritis Occurred in North-Eastern Greece Associated with Several Waterborne Strains of Noroviruses. <i>International Journal of Infectious Diseases</i> , 2008 , 12, e104-e105	10.5	3
26	Evaluation of virological quality of sewage from four biological treatment plants by a nested-PCR technique. <i>Water Science and Technology</i> , 2004 , 50, 253-257	2.2	3
25	Prevalence of asthma and asthma-like symptoms in Greece: Early results of the E.ME.NO study 2016 ,		3
24	Stethoscopes as vectors of multi-resistant coagulase negative staphylococci in a tertiary hospital. <i>International Journal of Medical Science and Public Health</i> , 2013 , 2, 324	0.8	3
23	High prevalence of cardiovascular risk factors in adults living in Greece: the EMENO National Health Examination Survey. <i>BMC Public Health</i> , 2020 , 20, 1665	4.1	3
22	Prevalence of diabetes and pre-diabetes in Greece. Results of the First National Survey of Morbidity and Risk Factors (EMENO) study. <i>Diabetes Research and Clinical Practice</i> , 2021 , 172, 108646	7.4	3
21	Environmental characterization of a Mediterranean protected shallow brackish coastal aquatic system, Klisova Lagoon, Western Greece: a case study. <i>Journal of Coastal Conservation</i> , 2017 , 21, 115-125 ^{1.9}		2
20	Copolymers and Hybrids Based on Carbazole Derivatives and Their Nanomorphology Investigation. <i>Nanomaterials</i> , 2019 , 9,	5.4	2
19	Treatment cascade of hepatitis B and C in general, migrant and Roma populations. <i>Journal of Hepatology</i> , 2017 , 66, S71-S72	13.4	2
18	Rosemary Extract and Essential Oil as Drink Ingredients: An Evaluation of Their Chemical Composition, Genotoxicity, Antimicrobial, Antiviral, and Antioxidant Properties.. <i>Foods</i> , 2021 , 10,	4.9	2
17	Does Traceability Lead to Food Authentication? A Systematic Review from A European Perspective. <i>Food Reviews International</i> , 1-23	5.5	2
16	Prevalence of tobacco smoking and association with other unhealthy lifestyle risk factors in the general population of Greece: Results from the EMENO study. <i>Tobacco Prevention and Cessation</i> , 2021 , 7, 61	1.2	2
15	Evaluation of virological quality of sewage from four biological treatment plants by a nested-PCR technique. <i>Water Science and Technology</i> , 2004 , 50, 253-7	2.2	2

14	Probing Norwalk-like virus presence in shellfish, using artificial neural networks. <i>Water Science and Technology</i> , 2004 , 50, 125-129	2.2	1
13	Prevalence, awareness, treatment and control of hypertension in Greece: EMENO national epidemiological study. <i>Journal of Hypertension</i> , 2021 , 39, 1034-1039	1.9	1
12	Design and Development of a Viral Hepatitis and HIV Infection Screening Program (Hprolipsis) for the General, Greek Roma, and Migrant Populations of Greece: Protocol for Three Cross-Sectional Health Examination Surveys. <i>JMIR Research Protocols</i> , 2020 , 9, e13578	2	1
11	Outbreak of acute gastroenteritis in Greece during a school excursion, April 2007. <i>Eurosurveillance</i> , 2007 , 12, E070705.1	19.8	1
10	Attitudes and beliefs of parents about routine childhood vaccination in Greece. <i>Human Vaccines and Immunotherapeutics</i> , 2021 , 17, 3066-3072	4.4	1
9	Nontargeted H NMR fingerprinting and multivariate statistical analysis for traceability of Greek PDO Vostizza currants. <i>Journal of Food Science</i> , 2021 , 86, 4417-4429	3.4	1
8	Probing Norwalk-like virus presence in shellfish, using artificial neural networks. <i>Water Science and Technology</i> , 2004 , 50, 125-9	2.2	1
7	Thyroid dysfunction in Greece: Results from the national health examination survey EMENO.. <i>PLoS ONE</i> , 2022 , 17, e0264388	3.7	1
6	Hepatitis A and E in the Mediterranean: A systematic review.. <i>Travel Medicine and Infectious Disease</i> , 2022 , 102283	8.4	1
5	Removal Performance of Faecal Indicators by Natural and Silver-Modified Zeolites of Various Particle Sizes under Dynamic Batch Experiments: Preliminary Results. <i>Water (Switzerland)</i> , 2021 , 13, 2938 ³		0
4	Assessment of the Incidence of Human Adenovirus in Surface Waters of Southwest Greece: Vouraikos River as a Case Study. <i>Food and Environmental Virology</i> , 2019 , 11, 309-313	4	
3	ISFEV 2014: Environmental, Food and Health Impacts of Enteric Viruses. <i>Food and Environmental Virology</i> , 2015 , 7, 87	4	
2	Efficacy of Topical Ofloxacin 0.3 % Administration on Conjunctival Bacterial Flora in Diabetic Patients Undergoing Intravitreal Injections. <i>Seminars in Ophthalmology</i> , 2017 , 32, 738-742	2.4	
1	Improved PCR-DGGE analysis by emulsion-PCR for the determination of food geographical origin: A case study on Greek PDO "avgotaracho Mesolonghiou". <i>Current Research in Food Science</i> , 2021 , 4, 746-751 ^{5,6}		