Konstantinos Ar Kormas

List of Publications by Year
in descending order

111 papers	3,526 citations	109137 35 h-index	168136 53 g-index
115 all docs	115 docs citations	115 times ranked	4881 citing authors

#	Article	IF	Citations
1	Biodiversity of Cold Seep Ecosystems Along the European Margins. Oceanography, 2009, 22, 110-127.	0.5	140
2	Molecular analysis of deep subsurface microbial communities in Nankai Trough sediments (ODP Leg) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	125
3	Bacterial and archaeal phylotypes associated with distinct mineralogical layers of a white smoker spire from a deep-sea hydrothermal vent site (9oN, East Pacific Rise). Environmental Microbiology, 2006, 8, 909-920.	1.8	121
4	Dietary differences are reflected on the gut prokaryotic community structure of wild and commercially reared sea bream (Sparus aurata). MicrobiologyOpen, 2014, 3, 718-728.	1.2	116
5	Plankton food web structure in a eutrophic polymictic lake with a history of toxic cyanobacterial blooms. Limnology and Oceanography, 2006, 51, 715-727.	1.6	102
6	Indigenous and spoilage microbiota of farmed sea bream stored in ice identified by phenotypic and 16S rRNA gene analysis. Food Microbiology, 2013, 33, 85-89.	2.1	92
7	Dynamic Characteristics of Prochlorococcus and Synechococcus Consumption by Bacterivorous Nanoflagellates. Microbial Ecology, 2002, 43, 341-352.	1.4	78
8	Airborne Algae and Cyanobacteria Occurrence and Related Health Effects. Frontiers in Bioscience - Elite, 2011, E3, 772-787.	0.9	76
9	Cyanobacterial Toxin Degrading Bacteria: Who Are They?. BioMed Research International, 2013, 2013, 1-12.	0.9	76
10	Gut Bacterial Communities in Geographically Distant Populations of Farmed Sea Bream (Sparus aurata) and Sea Bass (Dicentrarchus labrax). Microorganisms, 2018, 6, 92.	1.6	72
11	Diversity and Spatial Distribution of Prokaryotic Communities Along A Sediment Vertical Profile of A Deep-Sea Mud Volcano. Microbial Ecology, 2011, 62, 655-668.	1.4	69
12	Prokaryotic community structure and diversity in the sediments of an active submarine mud volcano (Kazan mud volcano, East Mediterranean Sea). FEMS Microbiology Ecology, 2010, 72, 429-444.	1.3	67
13	Biodegradation of Crude Oil by Thermophilic Bacteria Isolated from a Volcano Island. Biodegradation, 2006, 17, 3-9.	1.5	65
14	Reshaping gut bacterial communities after dietary Tenebrio molitor larvae meal supplementation in three fish species. Aquaculture, 2019, 503, 628-635.	1.7	65
15	Plankton Microorganisms Coinciding with Two Consecutive Mass Fish Kills in a Newly Reconstructed Lake. Scientific World Journal, The, 2012, 2012, 1-14.	0.8	63
16	Microbiological changes, shelf life and identification of initial and spoilage microbiota of sea bream fillets stored under various conditions using <scp>16S rRNA</scp> gene analysis. Journal of the Science of Food and Agriculture, 2015, 95, 2386-2394.	1.7	63
17	Raphidiopsis mediterranea Skuja represents non-heterocytous life-cycle stages of Cylindrospermopsis raciborskii (Woloszynska) Seenayya et Subba Raju in Lake Kastoria (Greece), its type locality: Evidence by morphological and phylogenetic analysis. Harmful Algae, 2009, 8, 864-872.	2.2	62
18	Variability of airborne bacteria in an urban Mediterranean area (Thessaloniki, Greece). Atmospheric Environment, 2017, 157, 101-110.	1.9	62

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19	Ancestral Absence of Electron Transport Chains in Patescibacteria and DPANN. Frontiers in Microbiology, 2020, 11, 1848.	1.5	62
20	Changes of the bacterial assemblages throughout an urban drinking water distribution system. Environmental Monitoring and Assessment, 2010, 165, 27-38.	1.3	61
21	Active biomonitoring in Greek coastal waters: Application of the integrated biomarker response index in relation to contaminant levels in caged mussels. Science of the Total Environment, 2011, 412-413, 359-365.	3.9	61
22	Temporal shifts of the Norway lobster (Nephrops norvegicus) gut bacterial communities. FEMS Microbiology Ecology, 2010, 74, 472-484.	1.3	60
23	Anthropogenic effects on bacterial diversity and function along a riverâ€toâ€estuary gradient in Northwest Greece revealed by metagenomics. Environmental Microbiology, 2016, 18, 4640-4652.	1.8	58
24	Gut bacteria associated with different diets in reared Nephrops norvegicus. Systematic and Applied Microbiology, 2012, 35, 473-482.	1.2	55
25	Temporal Variations of Nutrients, -Chlorophyll a and Particulate Matter in Three Coastal Lagoons of Amvrakikos Gulf (Ionian Sea, Greece). Marine Ecology, 2001, 22, 201-213.	0.4	54
26	Application of rpoB sequence similarity analysis, REP-PCR and BOX-PCR for the differentiation of species within the genus Geobacillus. Letters in Applied Microbiology, 2008, 46, 395-401.	1.0	51
27	Multiple biomarkers of pollution effects in caged mussels on the Greek coastline. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2010, 151, 369-378.	1.3	50
28	Morphology and molecular evaluation of Iphinoe spelaeobios gen. nov., sp. nov. and Loriellopsis cavernicola gen. nov., sp. nov., two stigonematalean cyanobacteria from Greek and Spanish caves. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 2907-2915.	0.8	50
29	Airborne microeukaryote colonists in experimental water containers: diversity, succession, life histories and established food webs. Aquatic Microbial Ecology, 2011, 62, 139-152.	0.9	49
30	Artificially-born â€œkillerâ€•lake: Phytoplankton based water quality and microcystin affected fish in a reconstructed lake. Science of the Total Environment, 2013, 452-453, 116-124.	3.9	44
31	Phytoplankton and water quality in a Mediterranean drinking-water reservoir (Marathonas Reservoir,) Tj ETQq1 1 0.784314 rgBT /Ove	1.3	43
32	Bacterial phylotypes associated with the digestive tract of the sea urchin Paracentrotus lividus and the ascidian Microcosmus sp.. Russian Journal of Marine Biology, 2007, 33, 84-91.	0.2	40
33	Benthic protists and fungi of Mediterranean deep hypersaline anoxic basin redoxcline sediments. Frontiers in Microbiology, 2014, 5, 605.	1.5	40
34	Quantifying the changes in genetic diversity within sequence-discrete bacterial populations across a spatial and temporal riverine gradient. ISME Journal, 2019, 13, 767-779.	4.4	40
35	Winterâ€“Summer Succession of Unicellular Eukaryotes in a Meso-eutrophic Coastal System. Microbial Ecology, 2014, 67, 13-23.	1.4	39
36	Warming and Acidification Effects on Planktonic Heterotrophic Pico- and Nanoflagellates in a Mesocosm Experiment. Protist, 2016, 167, 389-410.	0.6	39

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37	Metazoans of redoxcline sediments in Mediterranean deep-sea hypersaline anoxic basins. BMC Biology, 2015, 13, 105.	1.7	38
38	Inter-Annual Variability of Soft Bottom Macrofaunal Communities in Two Ionian Sea Lagoons. Hydrobiologia, 2006, 555, 89-98.	1.0	33
39	Cyanotoxins as the â€œcommon suspectsâ€•for the Dalmatian pelican (Pelecanus crispus) deaths in a Mediterranean reconstructed reservoir. Environmental Pollution, 2018, 234, 779-787.	3.7	32
40	Characterization of methanogenic and prokaryotic assemblages based on mcrA and 16S rRNA gene diversity in sediments of the Kazan mud volcano (Mediterranean Sea). Geobiology, 2008, 6, 450-460.	1.1	31
41	Morphological and molecular analysis of bloom-forming Cyanobacteria in two eutrophic, shallow Mediterranean lakes. Limnologica, 2011, 41, 167-173.	0.7	30
42	Gene expression profiling of microbial activities and interactions in sediments under haloclines of E. Mediterranean deep hypersaline anoxic basins. ISME Journal, 2016, 10, 2643-2657.	4.4	30
43	Host-Associated Bacterial Succession during the Early Embryonic Stages and First Feeding in Farmed Gilthead Sea Bream (Sparus aurata). Genes, 2019, 10, 483.	1.0	30
44	Configuration of Gut Microbiota Structure and Potential Functionality in Two Teleosts under the Influence of Dietary Insect Meals. Microorganisms, 2021, 9, 699.	1.6	30
45	Time to integrate biotechnological approaches into fish gut microbiome research. Current Opinion in Biotechnology, 2022, 73, 121-127.	3.3	30
46	Microscopic eukaryotes living in a dying lake (Lake Koronia, Greece). FEMS Microbiology Ecology, 2009, 69, 75-83.	1.3	29
47	Lettuce facing microcystins-rich irrigation water at different developmental stages: Effects on plant performance and microcystins bioaccumulation. Ecotoxicology and Environmental Safety, 2017, 143, 193-200.	2.9	28
48	Size-fractionated phytoplankton chlorophyll in an Eastern Mediterranean coastal system (Maliakos) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	27
49	Variability of Prokaryotic Community Structure in a Drinking Water Reservoir (Marathonas, Greece). Microbes and Environments, 2012, 27, 1-8.	0.7	27
50	First record of aTrichodesmium erythraeumbloom in the Mediterranean Sea1This article is derived from a special session entitled â€œAÂNew Hydrology: Inflow Effects on Ecosystem Form and Functioningâ€• that took place at the February 2011 ASLO Aquatic Sciences conference in SanÂJuan, Puerto Rico.. Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 1444-1455.	0.7	27
51	Spatially uniform but temporally variable bacterioplankton in a semi-enclosed coastal area. Systematic and Applied Microbiology, 2015, 38, 358-367.	1.2	27
52	Gut Microbiota of Five Sympatrically Farmed Marine Fish Species in the Aegean Sea. Microbial Ecology, 2021, 81, 460-470.	1.4	27
53	Polyphasic evaluation of Aphanizomenon issatschenkoi and Raphidiopsis mediterranea in a Mediterranean lake. Journal of Plankton Research, 2010, 32, 927-936.	0.8	26
54	The need for the implementation of an Ecosystem Services assessment in Greece: drafting the national agenda. One Ecosystem, 0, 2, e13714.	0.0	26

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55	Molecular diversity of bacteria in commercially available â€œSpirulinaâ€•food supplements. PeerJ, 2016, 4, e1610.	0.9	25
56	Cosmopolitan heterotrophic microeukaryotes are active bacterial grazers in experimental oilâ€polluted systems. Environmental Microbiology, 2008, 10, 47-56.	1.8	24
57	Molecular detection of potentially toxic cyanobacteria and their associated bacteria in lake water column and sediment. World Journal of Microbiology and Biotechnology, 2010, 26, 1473-1482.	1.7	23
58	Molecular diversity reveals previously undetected air-dispersed protist colonists in a Mediterranean area. Science of the Total Environment, 2014, 478, 70-79.	3.9	21
59	Core vs. diet -associated and postprandial bacterial communities of the rainbow trout (Oncorhynchus mykiss) midgut and feaces. Biology Open, 2018, 7, .	0.6	21
60	Apparent richness and community composition of Bacteria and Archaea in geothermal springs. Aquatic Microbial Ecology, 2009, 57, 113-122.	0.9	20
61	Gut microbial communities associated with the molting stages of the giant freshwater prawn Macrobrachium rosenbergii. Aquaculture, 2016, 463, 181-188.	1.7	19
62	Environmental variation and macrofauna response in a coastal area influenced by land runoff. Estuarine, Coastal and Shelf Science, 2013, 132, 34-44.	0.9	18
63	Different phytoplankton descriptors show asynchronous changes in a shallow urban lake (L.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.4	18
64	Using H2O2 treatments for the degradation of cyanobacteria and microcystins in a shallow hypertrophic reservoir. Environmental Science and Pollution Research, 2016, 23, 21523-21535.	2.7	17
65	Imprinting statistically sound conclusions for gut microbiota in comparative animal studies: A case study with diet and teleost fishes. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2020, 36, 100738.	0.4	17
66	Root vegetables bioaccumulate microcystins-LR in a developmental stage-dependent manner under realistic exposure scenario: The case of carrot and radish. Agricultural Water Management, 2020, 240, 106274.	2.4	17
67	The effect of organic and conventional production methods on sea bream growth, health and body composition: a field experiment. Scientia Marina, 2012, 76, 549-560.	0.3	17
68	Diversity of cyanobacterial phylotypes in a Mediterranean drinking water reservoir (Marathonas,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.3	16
69	Interconnectivity vs. isolation of prokaryotic communities in European deep-sea mud volcanoes. Biogeosciences, 2013, 10, 2821-2831.	1.3	14
70	Theoretical investigation of microcystin-LR, microcystin-RR and nodularin-R complexation with Î±-, Î²-, and Î³-cyclodextrin as a starting point for the targeted design of efficient cyanotoxin traps. Sustainable Chemistry and Pharmacy, 2016, 3, 25-32.	1.6	14
71	Quantitative relationships between phytoplankton, bacteria and protists in an Aegean semi-enclosed embayment (Maliakos Gulf, Greece). Aquatic Microbial Ecology, 1998, 15, 255-264.	0.9	14
72	Prokaryotic diversity in marine and freshwater recirculating aquaculture systems. Reviews in Aquaculture, 2022, 14, 1861-1886.	4.6	14

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73	Inter-comparison of the potentially active prokaryotic communities in the halocline sediments of Mediterranean deep-sea hypersaline basins. Extremophiles, 2015, 19, 949-960.	0.9	13
74	An Experimental Brackish Aquaponic System Using Juvenile Gilthead Sea Bream (Sparus aurata) and Rock Samphire (Crithmum maritimum). Sustainability, 2019, 11, 4820.	1.6	13
75	New findings on the true-branched monotypic genus Iphinoe (Cyanobacteria) from geographically isolated caves (Greece).. Fottea, 2013, 13, 15-23.	0.4	13
76	Tenebrio molitor larvae meal inclusion affects hepatic proteome and apoptosis and/or autophagy of three farmed fish species. Scientific Reports, 2022, 12, 121.	1.6	13
77	Everything is not everywhere: can marine compartments shape phytoplankton assemblages?. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191890.	1.2	12
78	Changes of bacterioplankton apparent species richness in two ornamental fish aquaria. SpringerPlus, 2013, 2, 66.	1.2	11
79	Implementation of the Water Framework Directive: Lessons Learned and Future Perspectives for an Ecologically Meaningful Classification Based on Phytoplankton of the Status of Greek Lakes, Mediterranean Region. Environmental Management, 2019, 64, 675-688.	1.2	11
80	Cyanotoxin contamination in commercial Spirulina food supplements. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2021, 16, 227-235.	0.5	11
81	Low Bacterial Diversity and High Labile Organic Matter Concentrations in the Sediments of the Medee Deep-Sea Hypersaline Anoxic Basin. Microbes and Environments, 2012, 27, 504-508.	0.7	10
82	Time series metagenomic sampling of the Thermopyles, Greece, geothermal springs reveals stable microbial communities dominated by novel sulfurâ€oxidizing chemoautotrophs. Environmental Microbiology, 2021, 23, 3710-3726.	1.8	10
83	Effects of Dietary Fishmeal Replacement by Poultry By-Product Meal and Hydrolyzed Feather Meal on Liver and Intestinal Histomorphology and on Intestinal Microbiota of Gilthead Seabream (Sparus) Tj ETQq1 1 0.784314 rgBT /Overloc	3.3	10
84	A non-phylogenetic alpha diversity approach on prokaryotic community structure in aquatic systems. Ecological Indicators, 2013, 29, 361-366.	2.6	9
85	Comparison of the Norway lobster (Nephrops norvegicus) gut bacterial communities using 16S rDNA clone libraries and pyrosequencing. Anaerobe, 2013, 23, 9-11.	1.0	9
86	Spray irrigation with microcystins-rich water affects plant performance from the microscopic to the functional level and food safety of spinach (Spinacia oleracea L.). Science of the Total Environment, 2021, 789, 147948.	3.9	9
87	Harmful and parasitic unicellular eukaryotes persist in a shallow lake under reconstruction (L. Karla,) Tj ETQq1 1 0.784314 rgBT /Overl	1.0	8
88	Irrigation of radish (Raphanus sativus L.) with microcystin-enriched water holds low risk for plants and their associated rhizopheric and epiphytic microbiome. Environmental Pollution, 2020, 266, 115208.	3.7	8
89	Dietary Lipid Effects on Gut Microbiota of First Feeding Atlantic Salmon (Salmo salar L.). Frontiers in Marine Science, 2021, 8, .	1.2	8
90	Haematococcus: a successful air-dispersed colonist in ephemeral waters is rarelyfound in phytoplankton communities. Turkish Journal of Botany, 2016, 40, 427-438.	0.5	7

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91	Taxaâ€“area and distanceâ€“decay relationships of unicellular eukaryotes along an elevation gradient of mountainous freshwater ecosystems. Journal of Plankton Research, 2019, 41, 821-834.	0.8	7
92	Comparison of Hydrocarbon-Degrading Consortia from Surface and Deep Waters of the Eastern Mediterranean Sea: Characterization and Degradation Potential. Energies, 2021, 14, 2246.	1.6	7
93	Freshwater-adapted sea bass Dicentrarchus labrax feeding frequency impact in a lettuce Lactuca sativa aquaponics system. PeerJ, 2021, 9, e11522.	0.9	7
94	Inter-annual variability of soft bottom macrofaunal communities in two Ionian Sea lagoons. , 2006, , 89-98.		6
95	Abdominal setae and midgut bacteria of the mudshrimp Pestarella tyrrhena. Open Life Sciences, 2009, 4, 558-566.	0.6	6
96	Mussel biofiltration effects on attached bacteria and unicellular eukaryotes in fish-rearing seawater. PeerJ, 2016, 4, e1829.	0.9	6
97	Advancing Knowledge on Cyanobacterial Blooms in Freshwaters. Water (Switzerland), 2020, 12, 2583.	1.2	5
98	Mesoscale effects of aquaculture installations on benthic and epibenthic communities in four Scottish sea lochs. Aquatic Living Resources, 2010, 23, 267-276.	0.5	4
99	The Use of Copper Alloy in Aquaculture Fish Net Pens: Mechanical, Economic and Environmental Advantages. Journal of Fisheriessciencescom, 2017, 11, .	0.2	4
100	Differential Effect of Hydroxen Peroxide Î¿n Toxic Cyanobacteria of Hypertrophic Mediterranean Waterbodies. Sustainability, 2022, 14, 123.	1.6	4
101	Marine microbial community structure assessed from combined metagenomic analysis and ribosomal amplicon deep-sequencing. Marine Biology Research, 2016, 12, 30-42.	0.3	3
102	Changes in Microbial (Bacteria and Archaea) Plankton Community Structure after Artificial Dispersal in Grazer-Free Microcosms. Microorganisms, 2017, 5, 31.	1.6	3
103	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2014, 14, .	0.4	3
104	Establishment and Succession of an Epibiotic Community on Chromated Copper Arsenate-Treated Wood in Mediterranean Waters. Archives of Environmental Contamination and Toxicology, 2010, 58, 71-78.	2.1	2
105	Changes in Heterotrophic Picoplankton Community Structure after Induction of a Phytoplankton Bloom under Different Light Regimes. Diversity, 2019, 11, 195.	0.7	2
106	Bacterial biofilm development during experimental degradation of Melicertus kerathurus exoskeleton in seawater. AIMS Microbiology, 2018, 4, 397-412.	1.0	2
107	Old Targets, New Weapons. , 2014, , 277-312.		1
108	Microbiological Confinement of Two Adjacent Water Wells in Lake Karla Basin, Greece. Water (Switzerland), 2015, 7, 5272-5283.	1.2	0

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109	Editorial for the Special Issue: Gut Microorganisms of Aquatic Animals. Microorganisms, 2019, 7, 377.	1.6	0
110	Editorial: Microbial Communities of Coastal Eutrophic Systems. Frontiers in Marine Science, 2021, 8, .	1.2	0
111	The Microbial Communities of the East Mediterranean Sea Mud Volcanoes and Pockmarks. Springer Oceanography, 2020, , 143-148.	0.2	0