

# Konstantinos Ar Kormas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6326199/publications.pdf>

Version: 2024-02-01

111  
papers

3,526  
citations

109264

35  
h-index

168321

53  
g-index

115  
all docs

115  
docs citations

115  
times ranked

4881  
citing authors

#	ARTICLE	IF	CITATIONS
1	Time to integrate biotechnological approaches into fish gut microbiome research. <i>Current Opinion in Biotechnology</i> , 2022, 73, 121-127.	3.3	30
2	<i>Tenebrio molitor</i> larvae meal inclusion affects hepatic proteome and apoptosis and/or autophagy of three farmed fish species. <i>Scientific Reports</i> , 2022, 12, 121.	1.6	13
3	Prokaryotic diversity in marine and freshwater recirculating aquaculture systems. <i>Reviews in Aquaculture</i> , 2022, 14, 1861-1886.	4.6	14
4	Differential Effect of Hydroxyl Peroxide in Toxic Cyanobacteria of Hypertrophic Mediterranean Waterbodies. <i>Sustainability</i> , 2022, 14, 123.	1.6	4
5	Time series metagenomic sampling of the Thermopyles, Greece, geothermal springs reveals stable microbial communities dominated by novel sulfur-oxidizing chemoautotrophs. <i>Environmental Microbiology</i> , 2021, 23, 3710-3726.	1.8	10
6	Gut Microbiota of Five Sympatrically Farmed Marine Fish Species in the Aegean Sea. <i>Microbial Ecology</i> , 2021, 81, 460-470.	1.4	27
7	Configuration of Gut Microbiota Structure and Potential Functionality in Two Teleosts under the Influence of Dietary Insect Meals. <i>Microorganisms</i> , 2021, 9, 699.	1.6	30
8	Comparison of Hydrocarbon-Degrading Consortia from Surface and Deep Waters of the Eastern Mediterranean Sea: Characterization and Degradation Potential. <i>Energies</i> , 2021, 14, 2246.	1.6	7
9	Dietary Lipid Effects on Gut Microbiota of First Feeding Atlantic Salmon ( <i>Salmo salar</i> L.). <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	8
10	Cyanotoxin contamination in commercial <i>Spirulina</i> food supplements. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2021, 16, 227-235.	0.5	11
11	Freshwater-adapted sea bass <i>Dicentrarchus labrax</i> feeding frequency impact in a lettuce <i>Lactuca sativa</i> aquaponics system. <i>PeerJ</i> , 2021, 9, e11522.	0.9	7
12	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 ( <i>Sparus</i> )	1.0	10
13	Spray irrigation with microcystins-rich water affects plant performance from the microscopic to the functional level and food safety of spinach ( <i>Spinacia oleracea</i> L.). <i>Science of the Total Environment</i> , 2021, 789, 147948.	3.9	9
14	Editorial: Microbial Communities of Coastal Eutrophic Systems. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	0
15	Advancing Knowledge on Cyanobacterial Blooms in Freshwaters. <i>Water (Switzerland)</i> , 2020, 12, 2583.	1.2	5
16	Irrigation of radish ( <i>Raphanus sativus</i> L.) with microcystin-enriched water holds low risk for plants and their associated rhizospheric and epiphytic microbiome. <i>Environmental Pollution</i> , 2020, 266, 115208.	3.7	8
17	Imprinting statistically sound conclusions for gut microbiota in comparative animal studies: A case study with diet and teleost fishes. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100738.	0.4	17
18	Ancestral Absence of Electron Transport Chains in Patescibacteria and DPANN. <i>Frontiers in Microbiology</i> , 2020, 11, 1848.	1.5	62

#	ARTICLE	IF	CITATIONS
19	Root vegetables bioaccumulate microcystins-LR in a developmental stage-dependent manner under realistic exposure scenario: The case of carrot and radish. <i>Agricultural Water Management</i> , 2020, 240, 106274.	2.4	17
20	The Microbial Communities of the East Mediterranean Sea Mud Volcanoes and Pockmarks. Springer Oceanography, 2020, , 143-148.	0.2	0
21	Host-Associated Bacterial Succession during the Early Embryonic Stages and First Feeding in Farmed Gilthead Sea Bream ( <i>Sparus aurata</i> ). <i>Genes</i> , 2019, 10, 483.	1.0	30
22	Everything is not everywhere: can marine compartments shape phytoplankton assemblages?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191890.	1.2	12
23	Changes in Heterotrophic Picoplankton Community Structure after Induction of a Phytoplankton Bloom under Different Light Regimes. <i>Diversity</i> , 2019, 11, 195.	0.7	2
24	Editorial for the Special Issue: Gut Microorganisms of Aquatic Animals. <i>Microorganisms</i> , 2019, 7, 377.	1.6	0
25	An Experimental Brackish Aquaponic System Using Juvenile Gilthead Sea Bream ( <i>Sparus aurata</i> ) and Rock Samphire ( <i>Crithmum maritimum</i> ). <i>Sustainability</i> , 2019, 11, 4820.	1.6	13
26	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. <i>Environmental Management</i> , 2019, 64, 675-688.	1.2	11
27	Taxa area and distance decay relationships of unicellular eukaryotes along an elevation gradient of mountainous freshwater ecosystems. <i>Journal of Plankton Research</i> , 2019, 41, 821-834.	0.8	7
28	Quantifying the changes in genetic diversity within sequence-discrete bacterial populations across a spatial and temporal riverine gradient. <i>ISME Journal</i> , 2019, 13, 767-779.	4.4	40
29	Reshaping gut bacterial communities after dietary <i>Tenebrio molitor</i> larvae meal supplementation in three fish species. <i>Aquaculture</i> , 2019, 503, 628-635.	1.7	65
30	Cyanotoxins as the common suspects for the Dalmatian pelican ( <i>Pelecanus crispus</i> ) deaths in a Mediterranean reconstructed reservoir. <i>Environmental Pollution</i> , 2018, 234, 779-787.	3.7	32
31	Gut Bacterial Communities in Geographically Distant Populations of Farmed Sea Bream ( <i>Sparus aurata</i> ) and Sea Bass ( <i>Dicentrarchus labrax</i> ). <i>Microorganisms</i> , 2018, 6, 92.	1.6	72
32	Core vs. diet-associated and postprandial bacterial communities of the rainbow trout ( <i>Oncorhynchus mykiss</i> ) midgut and faeces. <i>Biology Open</i> , 2018, 7, .	0.6	21
33	Bacterial biofilm development during experimental degradation of <i>Melicertus kerathurus</i> exoskeleton in seawater. <i>AIMS Microbiology</i> , 2018, 4, 397-412.	1.0	2
34	Lettuce facing microcystins-rich irrigation water at different developmental stages: Effects on plant performance and microcystins bioaccumulation. <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 193-200.	2.9	28
35	Variability of airborne bacteria in an urban Mediterranean area (Thessaloniki, Greece). <i>Atmospheric Environment</i> , 2017, 157, 101-110.	1.9	62
36	Changes in Microbial (Bacteria and Archaea) Plankton Community Structure after Artificial Dispersal in Grazer-Free Microcosms. <i>Microorganisms</i> , 2017, 5, 31.	1.6	3

#	ARTICLE	IF	CITATIONS
37	The Use of Copper Alloy in Aquaculture Fish Net Pens: Mechanical, Economic and Environmental Advantages. <i>Journal of Fisheries Sciences</i> , 2017, 11, .	0.2	4
38	Molecular diversity of bacteria in commercially available <i>Spirulina</i> food supplements. <i>PeerJ</i> , 2016, 4, e1610.	0.9	25
39	<i>Haematococcus</i> : a successful air-dispersed colonist in ephemeral waters is rarely found in phytoplankton communities. <i>Turkish Journal of Botany</i> , 2016, 40, 427-438.	0.5	7
40	Mussel biofiltration effects on attached bacteria and unicellular eukaryotes in fish-rearing seawater. <i>PeerJ</i> , 2016, 4, e1829.	0.9	6
41	Anthropogenic effects on bacterial diversity and function along a river-estuary gradient in Northwest Greece revealed by metagenomics. <i>Environmental Microbiology</i> , 2016, 18, 4640-4652.	1.8	58
42	Gene expression profiling of microbial activities and interactions in sediments under haloclines of E. Mediterranean deep hypersaline anoxic basins. <i>ISME Journal</i> , 2016, 10, 2643-2657.	4.4	30
43	Using H <sub>2</sub> O <sub>2</sub> treatments for the degradation of cyanobacteria and microcystins in a shallow hypertrophic reservoir. <i>Environmental Science and Pollution Research</i> , 2016, 23, 21523-21535.	2.7	17
44	Warming and Acidification Effects on Planktonic Heterotrophic Pico- and Nanoflagellates in a Mesocosm Experiment. <i>Protist</i> , 2016, 167, 389-410.	0.6	39
45	Gut microbial communities associated with the molting stages of the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . <i>Aquaculture</i> , 2016, 463, 181-188.	1.7	19
46	Theoretical investigation of microcystin-LR, microcystin-RR and nodularin-R complexation with $\beta$ -, $\gamma$ -, and $\delta$ -cyclodextrin as a starting point for the targeted design of efficient cyanotoxin traps. <i>Sustainable Chemistry and Pharmacy</i> , 2016, 3, 25-32.	1.6	14
47	Marine microbial community structure assessed from combined metagenomic analysis and ribosomal amplicon deep-sequencing. <i>Marine Biology Research</i> , 2016, 12, 30-42.	0.3	3
48	Microbiological Confinement of Two Adjacent Water Wells in Lake Karla Basin, Greece. <i>Water (Switzerland)</i> , 2015, 7, 5272-5283.	1.2	0
49	Metazoans of redoxcline sediments in Mediterranean deep-sea hypersaline anoxic basins. <i>BMC Biology</i> , 2015, 13, 105.	1.7	38
50	Microbiological changes, shelf life and identification of initial and spoilage microbiota of sea bream fillets stored under various conditions using <i>16S rRNA</i> gene analysis. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 2386-2394.	1.7	63
51	Spatially uniform but temporally variable bacterioplankton in a semi-enclosed coastal area. <i>Systematic and Applied Microbiology</i> , 2015, 38, 358-367.	1.2	27
52	Inter-comparison of the potentially active prokaryotic communities in the halocline sediments of Mediterranean deep-sea hypersaline basins. <i>Extremophiles</i> , 2015, 19, 949-960.	0.9	13
53	Benthic protists and fungi of Mediterranean deep hypersaline anoxic basin redoxcline sediments. <i>Frontiers in Microbiology</i> , 2014, 5, 605.	1.5	40
54	Winter-Summer Succession of Unicellular Eukaryotes in a Meso-eutrophic Coastal System. <i>Microbial Ecology</i> , 2014, 67, 13-23.	1.4	39

#	ARTICLE	IF	CITATIONS
55	Dietary differences are reflected on the gut prokaryotic community structure of wild and commercially reared sea bream ( <i>Sparus aurata</i> ). <i>MicrobiologyOpen</i> , 2014, 3, 718-728.	1.2	116
56	Molecular diversity reveals previously undetected air-dispersed protist colonists in a Mediterranean area. <i>Science of the Total Environment</i> , 2014, 478, 70-79.	3.9	21
57	Old Targets, New Weapons. , 2014, , 277-312.		1
58	Title is missing!. <i>Turkish Journal of Fisheries and Aquatic Sciences</i> , 2014, 14, .	0.4	3
59	Harmful and parasitic unicellular eukaryotes persist in a shallow lake under reconstruction (L. Karla.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 302 1</i>	1.0	8
60	Changes of bacterioplankton apparent species richness in two ornamental fish aquaria. <i>SpringerPlus</i> , 2013, 2, 66.	1.2	11
61	A non-phylogenetic alpha diversity approach on prokaryotic community structure in aquatic systems. <i>Ecological Indicators</i> , 2013, 29, 361-366.	2.6	9
62	Indigenous and spoilage microbiota of farmed sea bream stored in ice identified by phenotypic and 16S rRNA gene analysis. <i>Food Microbiology</i> , 2013, 33, 85-89.	2.1	92
63	Environmental variation and macrofauna response in a coastal area influenced by land runoff. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 132, 34-44.	0.9	18
64	Artificially-born "killer" lake: Phytoplankton based water quality and microcystin affected fish in a reconstructed lake. <i>Science of the Total Environment</i> , 2013, 452-453, 116-124.	3.9	44
65	Comparison of the Norway lobster ( <i>Nephrops norvegicus</i> ) gut bacterial communities using 16S rDNA clone libraries and pyrosequencing. <i>Anaerobe</i> , 2013, 23, 9-11.	1.0	9
66	Different phytoplankton descriptors show asynchronous changes in a shallow urban lake (L.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 1</i>	0.4	18
67	Cyanobacterial Toxin Degrading Bacteria: Who Are They?. <i>BioMed Research International</i> , 2013, 2013, 1-12.	0.9	76
68	Interconnectivity vs. isolation of prokaryotic communities in European deep-sea mud volcanoes. <i>Biogeosciences</i> , 2013, 10, 2821-2831.	1.3	14
69	New findings on the true-branched monotypic genus <i>Iphinoe</i> (Cyanobacteria) from geographically isolated caves (Greece).. <i>Fottea</i> , 2013, 13, 15-23.	0.4	13
70	Variability of Prokaryotic Community Structure in a Drinking Water Reservoir (Marathonas, Greece). <i>Microbes and Environments</i> , 2012, 27, 1-8.	0.7	27
71	Low Bacterial Diversity and High Labile Organic Matter Concentrations in the Sediments of the Medee Deep-Sea Hypersaline Anoxic Basin. <i>Microbes and Environments</i> , 2012, 27, 504-508.	0.7	10
72	Gut bacteria associated with different diets in reared <i>Nephrops norvegicus</i> . <i>Systematic and Applied Microbiology</i> , 2012, 35, 473-482.	1.2	55

#	ARTICLE	IF	CITATIONS
73	First record of a <i>Trichodesmium erythraeum</i> bloom in the Mediterranean Sea   This article is derived from a special session entitled "New Hydrology: Inflow Effects on Ecosystem Form and Functioning" that took place at the February 2011 ASLO Aquatic Sciences conference in San Juan, Puerto Rico.. Canadian Journal of Fisheries and Aquatic Sciences, 2012, 69, 1444-1455.	0.7	27
74	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
75	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
76	Morphological and molecular analysis of bloom-forming Cyanobacteria in two eutrophic, shallow Mediterranean lakes. Limnologia, 2011, 41, 167-173.	0.7	30
77	Airborne Algae and Cyanobacteria Occurrence and Related Health Effects. Frontiers in Bioscience - Elite, 2011, E3, 772-787.	0.9	76
78	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
79	Morphology and molecular evaluation of <i>Iphinoe spelaeobios</i> gen. nov., sp. nov. and <i>Loriellopsis cavernicola</i> 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
80	Diversity of cyanobacterial phylotypes in a Mediterranean drinking water reservoir (Marathonas,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.3	16
81	Phytoplankton and water quality in a Mediterranean drinking-water reservoir (Marathonas Reservoir,) Tj ETQq1 1 0.784314 rgBT /Ove	1.3	43
82	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
83	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
84	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
85	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
86	Changes of the bacterial assemblages throughout an urban drinking water distribution system. Environmental Monitoring and Assessment, 2010, 165, 27-38.	1.3	61
87	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
88	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
89	Temporal shifts of the Norway lobster ( <i>Nephrops norvegicus</i> ) gut bacterial communities. FEMS Microbiology Ecology, 2010, 74, 472-484.	1.3	60
90	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

#	ARTICLE	IF	CITATIONS
91	Polyphasic evaluation of <i>Aphanizomenon issatschenkoi</i> and <i>Raphidiopsis mediterranea</i> in a Mediterranean lake. <i>Journal of Plankton Research</i> , 2010, 32, 927-936.	0.8	26
92	Biodiversity of Cold Seep Ecosystems Along the European Margins. <i>Oceanography</i> , 2009, 22, 110-127.	0.5	140
93	Microscopic eukaryotes living in a dying lake (Lake Koronia, Greece). <i>FEMS Microbiology Ecology</i> , 2009, 69, 75-83.	1.3	29
94	Abdominal setae and midgut bacteria of the mudshrimp <i>Pestarella tyrrhena</i> . <i>Open Life Sciences</i> , 2009, 4, 558-566.	0.6	6
95	<i>Raphidiopsis mediterranea</i> Skuja represents non-heterocytous life-cycle stages of <i>Cylindrospermopsis raciborskii</i> (Woloszynska) Seenayya et Subba Raju in Lake Kastoria (Greece), its type locality: Evidence by morphological and phylogenetic analysis. <i>Harmful Algae</i> , 2009, 8, 864-872.	2.2	62
96	Apparent richness and community composition of Bacteria and Archaea in geothermal springs. <i>Aquatic Microbial Ecology</i> , 2009, 57, 113-122.	0.9	20
97	Cosmopolitan heterotrophic microeukaryotes are active bacterial grazers in experimental oil-polluted systems. <i>Environmental Microbiology</i> , 2008, 10, 47-56.	1.8	24
98	Characterization of methanogenic and prokaryotic assemblages based on <i>mcrA</i> and 16S rRNA gene diversity in sediments of the Kazan mud volcano (Mediterranean Sea). <i>Geobiology</i> , 2008, 6, 450-460.	1.1	31
99	Application of <i>rpoB</i> sequence similarity analysis, REP-PCR and BOX-PCR for the differentiation of species within the genus <i>Geobacillus</i> . <i>Letters in Applied Microbiology</i> , 2008, 46, 395-401.	1.0	51
100	Bacterial phylotypes associated with the digestive tract of the sea urchin <i>Paracentrotus lividus</i> and the ascidian <i>Microcosmus</i> sp.. <i>Russian Journal of Marine Biology</i> , 2007, 33, 84-91.	0.2	40
101	Inter-annual variability of soft bottom macrofaunal communities in two Ionian Sea lagoons. , 2006, , 89-98.		6
102	Plankton food web structure in a eutrophic polymictic lake with a history of toxic cyanobacterial blooms. <i>Limnology and Oceanography</i> , 2006, 51, 715-727.	1.6	102
103	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). <i>Environmental Microbiology</i> , 2006, 8, 909-920.	1.8	121
104	Inter-Annual Variability of Soft Bottom Macrofaunal Communities in Two Ionian Sea Lagoons. <i>Hydrobiologia</i> , 2006, 555, 89-98.	1.0	33
105	Biodegradation of Crude Oil by Thermophilic Bacteria Isolated from a Volcano Island. <i>Biodegradation</i> , 2006, 17, 3-9.	1.5	65
106	Molecular analysis of deep subsurface microbial communities in Nankai Trough sediments (ODP Leg 201) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	125
107	Dynamic Characteristics of <i>Prochlorococcus</i> and <i>Synechococcus</i> Consumption by Bacterivorous Nanoflagellates. <i>Microbial Ecology</i> , 2002, 43, 341-352.	1.4	78
108	Size-fractionated phytoplankton chlorophyll in an Eastern Mediterranean coastal system (Maliakos) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	27

#	ARTICLE	IF	CITATIONS
109	Temporal Variations of Nutrients, -Chlorophyll a and Particulate Matter in Three Coastal Lagoons of Amvrakikos Gulf (Ionian Sea, Greece). <i>Marine Ecology</i> , 2001, 22, 201-213.	0.4	54
110	Quantitative relationships between phytoplankton, bacteria and protists in an Aegean semi-enclosed embayment (Maliakos Gulf, Greece). <i>Aquatic Microbial Ecology</i> , 1998, 15, 255-264.	0.9	14
111	The need for the implementation of an Ecosystem Services assessment in Greece: drafting the national agenda. <i>One Ecosystem</i> , 0, 2, e13714.	0.0	26