Craig Baker-Austin

List of Publications by Year
in descending order

48 papers	6,032 citations	218677 26 h-index	206112 48 g-index
51 all docs	51 docs citations	51 times ranked	7128 citing authors

#	Article	IF	Citations
1	A Longitudinal Study of Bacteriophages as Indicators of Norovirus Contamination of Mussels (Mytilus edulis) and Their Overlying Waters. Pollutants, 2022, 2, 66-81.	2.1	1
2	Oceanic Hitchhikers â€“ Assessing Pathogen Risks from Marine Microplastic. Trends in Microbiology, 2021, 29, 107-116.	7.7	233
3	Distribution of Tetrodotoxin in Pacific Oysters (Crassostrea gigas). Marine Drugs, 2021, 19, 84.	4.6	13
4	Vibrio vulnificus. Trends in Microbiology, 2020, 28, 81-82.	7.7	24
5	Vibrios â€“ from genes to ecosystems. Environmental Microbiology, 2020, 22, 4093-4095.	3.8	2
6	The new tools revolutionizing Vibrio science. Environmental Microbiology, 2020, 22, 4096-4100.	3.8	8
7	Isolation and characterization of potentially pathogenic Vibrio species in a temperate, higher latitude hotspot. Environmental Microbiology Reports, 2020, 12, 424-434.	2.4	18
8	Global Expansion of Pacific Northwest Vibrio parahaemolyticus Sequence Type 36. Emerging Infectious Diseases, 2020, 26, 323-326.	4.3	24
9	Global emergence of environmental <scp>nonâ€O1</scp>/<scp>O139</scp>Vibrio cholerae infections linked with climate change: a neglected research field?. Environmental Microbiology, 2020, 22, 4342-4355.	3.8	47
10	Vibrio parahaemolyticus. Trends in Microbiology, 2020, 28, 867-868.	7.7	18
11	Genomic epidemiology of domestic and travel-associated Vibrio parahaemolyticus infections in the UK, 2008â€“2018. Food Control, 2020, 115, 107244.	5.5	13
12	Escherichia coli testing and enumeration in live bivalve shellfish â€“ Present methods and future directions. Food Microbiology, 2018, 73, 29-38.	4.2	17
13	Baseline screening for the presence of antimicrobial resistance in E. coli isolated from Kuwait's marine environment. Marine Pollution Bulletin, 2018, 129, 893-898.	5.0	30
14	Galleria mellonella as an infection model to investigate virulence of Vibrio parahaemolyticus. Virulence, 2018, 9, 197-207.	4.4	43
15	Vibrio vulnificus: new insights into a deadly opportunistic pathogen. Environmental Microbiology, 2018, 20, 423-430.	3.8	164
16	New Invasive Nemertean Species (Cephalothrix Simula) in England with High Levels of Tetrodotoxin and a Microbiome Linked to Toxin Metabolism. Marine Drugs, 2018, 16, 452.	4.6	36
17	Antimicrobial resistance in the Gulf Cooperation Council region: A proposed framework to assess threats, impacts and mitigation measures associated with AMR in the marine and aquatic environment. Environment International, 2018, 121, 1003-1010.	10.0	15
18	Vibrio spp. infections. Nature Reviews Disease Primers, 2018, 4, 1-19.	30.5	572

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19	Comparison of toxR and tlh based PCR assays for Vibrio parahaemolyticus. Food Control, 2017, 77, 116-120.	5.5	18
20	Genomic Variation and Evolution of Vibrio parahaemolyticus ST36 over the Course of a Transcontinental Epidemic Expansion. MBio, 2017, 8, .	4.1	53
21	Non-Cholera Vibrios: The Microbial Barometer of Climate Change. Trends in Microbiology, 2017, 25, 76-84.	7.7	282
22	Detection of Tetrodotoxin Shellfish Poisoning (TSP) Toxins and Causative Factors in Bivalve Molluscs from the UK. Marine Drugs, 2017, 15, 277.	4.6	69
23	Phylogeny of Vibrio vulnificus from the Analysis of the Core-Genome: Implications for Intra-Species Taxonomy. Frontiers in Microbiology, 2017, 8, 2613.	3.5	50
24	Heat Waveâ€“Associated Vibriosis, Sweden and Finland, 2014. Emerging Infectious Diseases, 2016, 22, 1216-1220.	4.3	112
25	Vibrio vulnificus Type 6 Secretion System 1 Contains Anti-Bacterial Properties. PLoS ONE, 2016, 11, e0165500.	2.5	20
26	Rapidly developing and fatal Vibrio vulnificus wound infection. IDCases, 2016, 6, 13.	0.9	12
27	Aquatic food security: insights into challenges and solutions from an analysis of interactions between fisheries, aquaculture, food safety, human health, fish and human welfare, economy and environment. Fish and Fisheries, 2016, 17, 893-938.	5.3	225
28	Is El NiÃ±o a long-distance corridor for waterborne disease?. Nature Microbiology, 2016, 1, 16018.	13.3	27
29	Epidemiological investigation of a foodborne outbreak in Spain associated with U.S. West Coast genotypes of Vibrio parahaemolyticus. SpringerPlus, 2016, 5, 87.	1.2	47
30	The emergence of Vibrio pathogens in Europe: ecology, evolution, and pathogenesis (Paris, 11â€“12th) Tj ETQq0 0 0 rgBT /Overlock 10	3.5	136
31	Antimicrobial Resistance in Vibrio Species. , 2015, , 105-118.		5
32	Development and Integration of Quantitative Real-Time PCR Methods for Detection of Mitochondrial DNA andMethanobrevibacter smithii nifHGene as Novel Microbial Source Tracking Tools. Environmental Forensics, 2014, 15, 256-264.	2.6	5
33	Viewing Marine Bacteria, Their Activity and Response to Environmental Drivers from Orbit. Microbial Ecology, 2014, 67, 489-500.	2.8	21
34	Isolation of Pandemic Vibrio parahaemolyticus from UK Water and Shellfish Produce. Microbial Ecology, 2013, 65, 924-927.	2.8	35
35	Spread of Pacific Northwest Vibrio parahaemolyticus Strain. New England Journal of Medicine, 2013, 369, 1573-1574.	27.0	97
36	Emerging Vibrio risk at high latitudes in response to ocean warming. Nature Climate Change, 2013, 3, 73-77.	18.8	473

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37	pilF polymorphism-based real-time PCR to distinguish Vibrio vulnificus strains of human health relevance. Food Microbiology, 2012, 30, 17-23.	4.2	26
38	Pyrosequencing-Based Comparative Genome Analysis of Vibrio vulnificus Environmental Isolates. PLoS ONE, 2012, 7, e37553.	2.5	64
39	Aquatic systems: maintaining, mixing and mobilising antimicrobial resistance?. Trends in Ecology and Evolution, 2011, 26, 278-284.	8.7	272
40	Rapid in situ detection of virulent Vibrio vulnificus strains in raw oyster matrices using realâ€time PCR. Environmental Microbiology Reports, 2010, 2, 76-80.	2.4	28
41	Application of mitochondrial DNA analysis for microbial source tracking purposes in shellfish harvesting waters. Water Science and Technology, 2010, 61, 1-7.	2.5	23
42	Environmental occurrence and clinical impact of Vibrio vulnificus and Vibrio parahaemolyticus: a European perspective. Environmental Microbiology Reports, 2010, 2, 7-18.	2.4	236
43	Multi-site Analysis Reveals Widespread Antibiotic Resistance in the Marine Pathogen Vibrio vulnificus. Microbial Ecology, 2009, 57, 151-159.	2.8	100
44	Influence of industrial contamination on mobile genetic elements: class 1 integron abundance and gene cassette structure in aquatic bacterial communities. ISME Journal, 2008, 2, 417-428.	9.8	191
45	Insights into the Environmental Resistance Gene Pool from the Genome Sequence of the Multidrug-Resistant Environmental Isolate Escherichia coli SMS-3-5. Journal of Bacteriology, 2008, 190, 6779-6794.	2.2	82
46	Antibiotic Resistance in the Shellfish Pathogen Vibrio parahaemolyticus Isolated from the Coastal Water and Sediment of Georgia and South Carolina, USA. Journal of Food Protection, 2008, 71, 2552-2558.	1.7	80
47	Life in acid: pH homeostasis in acidophiles. Trends in Microbiology, 2007, 15, 165-171.	7.7	498
48	Co-selection of antibiotic and metal resistance. Trends in Microbiology, 2006, 14, 176-182.	7.7	1,462