

# Craig Baker-Austin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5543687/publications.pdf>

Version: 2024-02-01

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	Co-selection of antibiotic and metal resistance. Trends in Microbiology, 2006, 14, 176-182.	7.7	1,462
2	Vibrio spp. infections. Nature Reviews Disease Primers, 2018, 4, 1-19.	30.5	572
3	Life in acid: pH homeostasis in acidophiles. Trends in Microbiology, 2007, 15, 165-171.	7.7	498
4	Emerging Vibrio risk at high latitudes in response to ocean warming. Nature Climate Change, 2013, 3, 73-77.	18.8	473
5	Non-Cholera Vibrios: The Microbial Barometer of Climate Change. Trends in Microbiology, 2017, 25, 76-84.	7.7	282
6	Aquatic systems: maintaining, mixing and mobilising antimicrobial resistance?. Trends in Ecology and Evolution, 2011, 26, 278-284.	8.7	272
7	Environmental occurrence and clinical impact of <i>Vibrio vulnificus</i> and <i>Vibrio parahaemolyticus</i> : a European perspective. Environmental Microbiology Reports, 2010, 2, 7-18.	2.4	236
8	Oceanic Hitchhikers – Assessing Pathogen Risks from Marine Microplastic. Trends in Microbiology, 2021, 29, 107-116.	7.7	233
9	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
10	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
11	<i>Vibrio vulnificus</i> : new insights into a deadly opportunistic pathogen. Environmental Microbiology, 2018, 20, 423-430.	3.8	164
12	The emergence of Vibrio pathogens in Europe: ecology, evolution, and pathogenesis (Paris, 11-12th October 2010). <i>Journal of Applied Microbiology</i> , 2011, 110, 136-146.	3.5	136
13	Heat Wave-Associated Vibriosis, Sweden and Finland, 2014. Emerging Infectious Diseases, 2016, 22, 1216-1220.	4.3	112
14	Multi-site Analysis Reveals Widespread Antibiotic Resistance in the Marine Pathogen <i>Vibrio vulnificus</i> . Microbial Ecology, 2009, 57, 151-159.	2.8	100
15	Spread of Pacific Northwest <i>Vibrio parahaemolyticus</i> Strain. New England Journal of Medicine, 2013, 369, 1573-1574.	27.0	97
16	Insights into the Environmental Resistance Gene Pool from the Genome Sequence of the Multidrug-Resistant Environmental Isolate <i>Escherichia coli</i> SMS-3-5. Journal of Bacteriology, 2008, 190, 6779-6794.	2.2	82
17	Antibiotic Resistance in the Shellfish Pathogen <i>Vibrio parahaemolyticus</i> Isolated from the Coastal Water and Sediment of Georgia and South Carolina, USA. Journal of Food Protection, 2008, 71, 2552-2558.	1.7	80
18	Detection of Tetrodotoxin Shellfish Poisoning (TSP) Toxins and Causative Factors in Bivalve Molluscs from the UK. Marine Drugs, 2017, 15, 277.	4.6	69

#	ARTICLE	IF	CITATIONS
19	Pyrosequencing-Based Comparative Genome Analysis of <i>Vibrio vulnificus</i> Environmental Isolates. PLoS ONE, 2012, 7, e37553.	2.5	64
20	Genomic Variation and Evolution of <i>Vibrio parahaemolyticus</i> ST36 over the Course of a Transcontinental Epidemic Expansion. MBio, 2017, 8, .	4.1	53
21	Phylogeny of <i>Vibrio vulnificus</i> from the Analysis of the Core-Genome: Implications for Intra-Species Taxonomy. Frontiers in Microbiology, 2017, 8, 2613.	3.5	50
22	Epidemiological investigation of a foodborne outbreak in Spain associated with U.S. West Coast genotypes of <i>Vibrio parahaemolyticus</i> . SpringerPlus, 2016, 5, 87.	1.2	47
23	Global emergence of environmental <i>Vibrio cholerae</i> O139 infections linked with climate change: a neglected research field?. Environmental Microbiology, 2020, 22, 4342-4355.	3.8	47
24	<i>Galleria mellonella</i> as an infection model to investigate virulence of <i>Vibrio parahaemolyticus</i> . Virulence, 2018, 9, 197-207.	4.4	43
25	New Invasive Nemertean Species ( <i>Cephalothrix Simula</i> ) in England with High Levels of Tetrodotoxin and a Microbiome Linked to Toxin Metabolism. Marine Drugs, 2018, 16, 452.	4.6	36
26	Isolation of Pandemic <i>Vibrio parahaemolyticus</i> from UK Water and Shellfish Produce. Microbial Ecology, 2013, 65, 924-927.	2.8	35
27	Baseline screening for the presence of antimicrobial resistance in <i>E. coli</i> isolated from Kuwait's marine environment. Marine Pollution Bulletin, 2018, 129, 893-898.	5.0	30
28	Rapid <i>in situ</i> detection of virulent <i>Vibrio vulnificus</i> strains in raw oyster matrices using real-time PCR. Environmental Microbiology Reports, 2010, 2, 76-80.	2.4	28
29	Is El Niño a long-distance corridor for waterborne disease?. Nature Microbiology, 2016, 1, 16018.	13.3	27
30	pilF polymorphism-based real-time PCR to distinguish <i>Vibrio vulnificus</i> strains of human health relevance. Food Microbiology, 2012, 30, 17-23.	4.2	26
31	<i>Vibrio vulnificus</i> . Trends in Microbiology, 2020, 28, 81-82.	7.7	24
32	Global Expansion of Pacific Northwest <i>Vibrio parahaemolyticus</i> Sequence Type 36. Emerging Infectious Diseases, 2020, 26, 323-326.	4.3	24
33	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
34	Viewing Marine Bacteria, Their Activity and Response to Environmental Drivers from Orbit. Microbial Ecology, 2014, 67, 489-500.	2.8	21
35	<i>Vibrio vulnificus</i> Type 6 Secretion System 1 Contains Anti-Bacterial Properties. PLoS ONE, 2016, 11, e0165500.	2.5	20
36	Comparison of <i>toxR</i> and <i>tlh</i> based PCR assays for <i>Vibrio parahaemolyticus</i> . Food Control, 2017, 77, 116-120.	5.5	18

#	ARTICLE	IF	CITATIONS
37	Isolation and characterization of potentially pathogenic <i>Vibrio</i> species in a temperate, higher latitude hotspot. <i>Environmental Microbiology Reports</i> , 2020, 12, 424-434.	2.4	18
38	<i>Vibrio parahaemolyticus</i> . <i>Trends in Microbiology</i> , 2020, 28, 867-868.	7.7	18
39	<i>Escherichia coli</i> testing and enumeration in live bivalve shellfish – Present methods and future directions. <i>Food Microbiology</i> , 2018, 73, 29-38.	4.2	17
40	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. <i>Environment International</i> , 2018, 121, 1003-1010.	10.0	15
41	Genomic epidemiology of domestic and travel-associated <i>Vibrio parahaemolyticus</i> infections in the UK, 2008–2018. <i>Food Control</i> , 2020, 115, 107244.	5.5	13
42	Distribution of Tetrodotoxin in Pacific Oysters ( <i>Crassostrea gigas</i> ). <i>Marine Drugs</i> , 2021, 19, 84.	4.6	13
43	Rapidly developing and fatal <i>Vibrio vulnificus</i> wound infection. <i>IDCases</i> , 2016, 6, 13.	0.9	12
44	The new tools revolutionizing <i>Vibrio</i> science. <i>Environmental Microbiology</i> , 2020, 22, 4096-4100.	3.8	8
45	Development and Integration of Quantitative Real-Time PCR Methods for Detection of Mitochondrial DNA and <i>Methanobrevibacter smithii</i> nifH Gene as Novel Microbial Source Tracking Tools. <i>Environmental Forensics</i> , 2014, 15, 256-264.	2.6	5
46	Antimicrobial Resistance in <i>Vibrio</i> Species. , 2015, , 105-118.		5
47	Vibrios – from genes to ecosystems. <i>Environmental Microbiology</i> , 2020, 22, 4093-4095.	3.8	2
48	A Longitudinal Study of Bacteriophages as Indicators of Norovirus Contamination of Mussels ( <i>Mytilus edulis</i> ) and Their Overlying Waters. <i>Pollutants</i> , 2022, 2, 66-81.	2.1	1