James D Oliver

List of Publications by Year
in descending order

99 papers	8,777 citations	46984 47 h-index	46771 89 g-index
105 all docs	105 docs citations	105 times ranked	6456 citing authors

#	Article	IF	Citations
1	Vibrio vulnificus. Trends in Microbiology, 2020, 28, 81-82.	3.5	24
2	Phylogeography of the marine pathogen, Vibrio vulnificus, revealed the ancestral scenarios of its evolution. MicrobiologyOpen, 2020, 9, e1103.	1.2	5
3	Vibrio vulnificus: new insights into a deadly opportunistic pathogen. Environmental Microbiology, 2018, 20, 423-430.	1.8	164
4	Vibrio spp. infections. Nature Reviews Disease Primers, 2018, 4, 1-19.	18.1	572
5	Potential impacts of hypoxia and a warming ocean on oyster microbiomes. Marine Environmental Research, 2018, 139, 27-34.	1.1	19
6	Relationship between the Viable but Nonculturable State and Antibiotic Persister Cells. Journal of Bacteriology, 2018, 200, .	1.0	164
7	Different abundance and correlational patterns exist between total and presumed pathogenic Vibrio vulnificus and V. parahaemolyticus in shellfish and waters along the North Carolina coast. FEMS Microbiology Ecology, 2017, 93, .	1.3	26
8	Impact of hypoxia on gene expression patterns by the human pathogen, Vibrio vulnificus , and bacterial community composition in a North Carolina estuary. GeoHealth, 2017, 1, 37-50.	1.9	7
9	Phylogeny of Vibrio vulnificus from the Analysis of the Core-Genome: Implications for Intra-Species Taxonomy. Frontiers in Microbiology, 2017, 8, 2613.	1.5	50
10	The viable but non-culturable state and its relevance in food safety. Current Opinion in Food Science, 2016, 8, 127-133.	4.1	101
11	Rapidly developing and fatal Vibrio vulnificus wound infection. IDCases, 2016, 6, 13.	0.4	12
12	The Biology of Vibrio vulnificus. Microbiology Spectrum, 2015, 3, .	1.2	132
13	Vibrio parahaemolyticus and Vibrio vulnificus. , 2015, , 1169-1186.		8
14	Molecular and Physical Factors That Influence Attachment of Vibrio vulnificus to Chitin. Applied and Environmental Microbiology, 2015, 81, 6158-6165.	1.4	17
15	Clinical and environmental genotypes ofVibrio vulnificusdisplay distinct, quorum-sensing-mediated, chitin detachment dynamics. Pathogens and Disease, 2015, 73, ftv072.	0.8	10
16	Viable but Nonculturable and Persister Cells Coexist Stochastically and Are Induced by Human Serum. Infection and Immunity, 2015, 83, 4194-4203.	1.0	110
17	Role of Anaerobiosis in Capsule Production and Biofilm Formation in Vibrio vulnificus. Infection and Immunity, 2015, 83, 551-559.	1.0	27
18	Bridging the gap between viable but non-culturable and antibiotic persistent bacteria. Trends in Microbiology, 2015, 23, 7-13.	3.5	257

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19	Transcriptome Sequencing Reveals the Virulence and Environmental Genetic Programs of Vibrio vulnificus Exposed to Host and Estuarine Conditions. PLoS ONE, 2014, 9, e114376.	1.1	48
20	Serum Survival of Vibrio vulnificus: Role of Genotype, Capsule, Complement, Clinical Origin, and in Situ Incubation. Pathogens, 2014, 3, 822-832.	1.2	28
21	Impact of analytic provenance in genome analysis. BMC Genomics, 2014, 15, S1.	1.2	13
22	Survival ofVibrio vulnificusGenotypes in Male and Female Serum, and Production of Siderophores in Human Serum and Seawater. Foodborne Pathogens and Disease, 2014, 11, 119-125.	0.8	13
23	The importance of the viable but non-culturable state in human bacterial pathogens. Frontiers in Microbiology, 2014, 5, 258.	1.5	681
24	Interspecific Quorum Sensing Mediates the Resuscitation of Viable but Nonculturable Vibrios. Applied and Environmental Microbiology, 2014, 80, 2478-2483.	1.4	73
25	Cellular, physiological, and molecular adaptive responses ofErwinia amylovorato starvation. FEMS Microbiology Ecology, 2014, 88, 258-271.	1.3	33
26	Implications of Chitin Attachment for the Environmental Persistence and Clinical Nature of the Human Pathogen Vibrio vulnificus. Applied and Environmental Microbiology, 2014, 80, 1580-1587.	1.4	21
27	The Interactions of Vibrio vulnificus and the Oyster Crassostrea virginica. Microbial Ecology, 2013, 65, 807-816.	1.4	58
28	Resistance to environmental stresses byVibrio vulnificusin the viable but nonculturable state. FEMS Microbiology Ecology, 2013, 84, 213-222.	1.3	136
29	Vibrio vulnificus: Death on the Half Shell. A Personal Journey with the Pathogen and its Ecology. Microbial Ecology, 2013, 65, 793-799.	1.4	59
30	A new culture-based method for the improved identification of Vibrio vulnificus from environmental samples, reducing the need for molecular confirmation. Journal of Microbiological Methods, 2013, 93, 277-283.	0.7	20
31	Increases in the Amounts of Vibrio spp. in Oysters upon Addition of Exogenous Bacteria. Applied and Environmental Microbiology, 2013, 79, 5208-5213.	1.4	18
32	Integration of Vibrio vulnificus into Marine Aggregates and Its Subsequent Uptake by Crassostrea virginica Oysters. Applied and Environmental Microbiology, 2013, 79, 1454-1458.	1.4	52
33	Apparent Loss of Vibrio vulnificus from North Carolina Oysters Coincides with a Drought-Induced Increase in Salinity. Applied and Environmental Microbiology, 2012, 78, 3885-3889.	1.4	50
34	pilF polymorphism-based real-time PCR to distinguish Vibrio vulnificus strains of human health relevance. Food Microbiology, 2012, 30, 17-23.	2.1	26
35	Pyrosequencing-Based Comparative Genome Analysis of Vibrio vulnificus Environmental Isolates. PLoS ONE, 2012, 7, e37553.	1.1	64
36	Rapid in situ detection of virulent Vibrio vulnificus strains in raw oyster matrices using realâ€time PCR. Environmental Microbiology Reports, 2010, 2, 76-80.	1.0	28

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37	Uptake and depuration of the Câ€•and Eâ€genotypes of Vibrio vulnificus by the Eastern Oyster (Crassostrea virginica). Environmental Microbiology Reports, 2010, 2, 112-115.	1.0	17
38	Adaptation of Vibrio vulnificus and an rpoS mutant to bile salts. International Journal of Food Microbiology, 2010, 140, 232-238.	2.1	12
39	Recent findings on the viable but nonculturable state in pathogenic bacteria. FEMS Microbiology Reviews, 2010, 34, 415-425.	3.9	941
40	Survival of spinach-associated Helicobacter pylori in the viable but nonculturable state. Food Control, 2010, 21, 1150-1154.	2.8	30
41	Vibrio vulnificus genome suggests two distinct ecotypes. Environmental Microbiology Reports, 2010, 2, 128-132.	1.0	41
42	Vibrio vulnificus: Disease and Pathogenesis. Infection and Immunity, 2009, 77, 1723-1733.	1.0	616
43	Evaluation of Genotypic and Phenotypic Methods To Distinguish Clinical from Environmental Vibrio vulnificus Strains. Applied and Environmental Microbiology, 2009, 75, 1604-1613.	1.4	58
44	Multi-site Analysis Reveals Widespread Antibiotic Resistance in the Marine Pathogen Vibrio vulnificus. Microbial Ecology, 2009, 57, 151-159.	1.4	100
45	Effect of weak acids on Listeria monocytogenes survival: Evidence for a viable but nonculturable state in response to low pH. Food Control, 2009, 20, 1141-1144.	2.8	75
46	The ecology of Vibrio vulnificus, Vibrio cholerae, and Vibrio parahaemolyticus in North Carolina Estuaries. Journal of Microbiology, 2008, 46, 146-153.	1.3	99
47	csrA Inhibits the Formation of Biofilms by Vibrio vulnificus. Applied and Environmental Microbiology, 2008, 74, 7064-7066.	1.4	24
48	Phylogenetic Analysis of the Incidence ofluxGene Horizontal Transfer inVibrionaceae. Journal of Bacteriology, 2008, 190, 3494-3504.	1.0	59
49	Survival of and In Situ Gene Expression by Vibrio vulnificus at Varying Salinities in Estuarine Environments. Applied and Environmental Microbiology, 2008, 74, 182-187.	1.4	22
50	Population Structures of Two Genotypes of Vibrio vulnificus in Oysters (Crassostrea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	1.4	80
51	Multiplex PCR Assay for Detection and Simultaneous Differentiation of Genotypes ofVibrio vulnificusBiotype 1. Foodborne Pathogens and Disease, 2008, 5, 691-693.	0.8	54
52	Role of Iron in Human Serum Resistance of the Clinical and Environmental Vibrio vulnificus Genotypes. Applied and Environmental Microbiology, 2007, 73, 7501-7505.	1.4	49
53	Emergence of a Virulent Clade of Vibrio vulnificus and Correlation with the Presence of a 33-Kilobase Genomic Island. Applied and Environmental Microbiology, 2007, 73, 5553-5565.	1.4	83
54	Refined Medium for Direct Isolation of Vibrio vulnificus from Oyster Tissue and Seawater. Applied and Environmental Microbiology, 2007, 73, 3098-3100.	1.4	30

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55	In Situ and In Vitro Gene Expression by Vibrio vulnificus during Entry into, Persistence within, and Resuscitation from the Viable but Nonculturable State. Applied and Environmental Microbiology, 2006, 72, 1445-1451.	1.4	104
56	In Situ Gene Expression by Vibrio vulnificus. Applied and Environmental Microbiology, 2006, 72, 2244-2246.	1.4	18
57	Evidence for an Intermediate Colony Morphology of Vibrio vulnificus. Applied and Environmental Microbiology, 2006, 72, 4356-4359.	1.4	14
58	Capsular Polysaccharide Phase Variation in Vibrio vulnificus. Applied and Environmental Microbiology, 2006, 72, 6986-6993.	1.4	53
59	Induction of Escherichia coli and Salmonella typhimurium into the viable but nonculturable state following chlorination of wastewater. Journal of Water and Health, 2005, 3, 249-257.	1.1	118
60	Wound infections caused by Vibrio vulnificus and other marine bacteria. Epidemiology and Infection, 2005, 133, 383-391.	1.0	296
61	RpoS involvement and requirement for exogenous nutrient for osmotically induced cross protection in Vibrio vulnificus. FEMS Microbiology Ecology, 2005, 53, 455-462.	1.3	35
62	Vibrio vulnificus. , 2005, , 253-276.		31
63	A Rapid and Simple PCR Analysis Indicates There Are Two Subgroups of Vibrio vulnificus Which Correlate with Clinical or Environmental Isolation. Microbiology and Immunology, 2005, 49, 381-389.	0.7	187
64	The viable but nonculturable state in bacteria. Journal of Microbiology, 2005, 43 Spec No, 93-100.	1.3	345
65	Role of catalase and oxyR in the viable but nonculturable state of Vibrio vulnificus. FEMS Microbiology Ecology, 2004, 50, 133-142.	1.3	132
66	Effects of temperature on detection of plasmid or chromosomally encodedgfp-andlux-labeledPseudomonas fluorescensin soil. Environmental Biosafety Research, 2004, 3, 83-90.	1.1	15
67	Changes in membrane fatty acid composition during entry of Vibrio vulnificus into the viable but nonculturable state. Journal of Microbiology, 2004, 42, 69-73.	1.3	50
68	The viable but nonculturable state of Kanagawa positive and negative strains of Vibrio parahaemolyticus. Journal of Microbiology, 2004, 42, 74-9.	1.3	28
69	Ecology of Vibrio vulnificus in Estuarine Waters of Eastern North Carolina. Applied and Environmental Microbiology, 2003, 69, 3526-3531.	1.4	145
70	Analysis of Vibrio vulnificus from Market Oysters and Septicemia Cases for Virulence Markers. Applied and Environmental Microbiology, 2003, 69, 4006-4011.	1.4	58
71	Essential Role for Estrogen in Protection against Vibrio vulnificus -Induced Endotoxic Shock. Infection and Immunity, 2001, 69, 6119-6122.	1.0	91
72	The Public Health Significance of Viable but Nonculturable Bacteria. , 2000, , 277-300.		110

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73	Pathogenesis ofVibrio vulnificus. FEMS Microbiology Letters, 1999, 174, 207-214.	0.7	243
74	Pathogenesis of Vibrio vulnificus. FEMS Microbiology Letters, 1999, 174, 207-214.	0.7	9
75	Randomly Amplified Polymorphic DNA Analysis of Clinical and Environmental Isolates of Vibrio vulnificus and Other Vibrio Species. Applied and Environmental Microbiology, 1999, 65, 1141-1144.	1.4	76
76	Randomly Amplified Polymorphic DNA Analysis of Starved and Viable but Nonculturable Vibrio vulnificus Cells. Applied and Environmental Microbiology, 1998, 64, 3025-3028.	1.4	42
77	DETECTION OF THE VIABLE BUT NONCULTURABLE STATE IN ESCHERICHIA COLI O157:H7. Journal of Food Safety, 1997, 16, 255-262.	1.1	52
78	The viable but non-culturable state in the human pathogenVibrio vulnificus. FEMS Microbiology Letters, 1995, 133, 203-208.	0.7	147
79	Effect of temperature and plasmid carriage on nonculturability in organisms targeted for release. FEMS Microbiology Ecology, 1995, 17, 229-237.	1.3	1
80	The viable but non-culturable state in the human pathogen Vibrio vulnificus. FEMS Microbiology Letters, 1995, 133, 203-208.	0.7	11
81	Value of Cellobioseâ€“Polymyxin Bâ€“Colistin Agar for Isolation of Vibrio vulnificus from Oysters. Journal of Food Protection, 1995, 58, 439-440.	0.8	15
82	Hot Sauce: No Elimination of Vibrio vulnificus in Oysters. Journal of Food Protection, 1995, 58, 441-442.	0.8	16
83	Effects of GRAS Compounds on Natural Vibrio vulnificus Populations in Oysters. Journal of Food Protection, 1994, 57, 921-923.	0.8	16
84	Interaction of Vibrio vulnificus and the Eastern Oyster, Crassostrea virginica. Journal of Food Protection, 1994, 57, 224-228.	0.8	26
85	Induction of Carbon Starvation-Induced Proteins in Vibrio vulnificus. Applied and Environmental Microbiology, 1994, 60, 3653-3659.	1.4	46
86	Starvation-Induced Thermal Tolerance as a Survival Mechanism in a Psychrophilic Marine Bacterium. Applied and Environmental Microbiology, 1993, 59, 2653-2656.	1.4	23
87	Reversal of hypotension induced by Vibrio vulnificus lipopolysaccharide in the rat by inhibition of nitric oxide synthase. Microbial Pathogenesis, 1992, 13, 391-397.	1.3	16
88	Temperature effects on the viable but non-culturable state of Vibrio vulnificus. FEMS Microbiology Ecology, 1992, 10, 33-39.	1.3	76
89	Low temperature induced non-culturability and killing ofVibrio vulnificus. FEMS Microbiology Letters, 1992, 100, 205-210.	0.7	94
90	The effects of hydrostatic pressure on bacterial attachment. Biofouling, 1991, 3, 305-310.	0.8	4

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91	Ability ofVibrio vulnificus to obtain iron from transferrin and other iron-binding proteins. Current Microbiology, 1987, 15, 155-157.	1.0	44
92	Virulence ofVibrio vulnificus: association with utilization of transferrin-bound iron, and lack of correlation with levels of cytotoxin or protease production. FEMS Microbiology Letters, 1987, 40, 55-59.	0.7	62
93	ExperimentalVibrio choleraewound infections. FEMS Microbiology Letters, 1987, 40, 89-93.	0.7	6
94	Use of Bacillus subtilis var. aterrimus in a New Method of Tagging. Journal of Forensic Sciences, 1985, 30, 531-534.	0.9	0
95	Lipid Composition of a Psychrophilic Marine Vibrio sp. During Starvation-Induced Morphogenesis. Applied and Environmental Microbiology, 1984, 47, 461-466.	1.4	65
96	Substrate Degradation and Pressure Tolerance of Free-Living and Attached Bacterial Populations in the Intestines of Shallow-Water Fish. Applied and Environmental Microbiology, 1984, 48, 1243-1245.	1.4	0
97	Distribution of Vibrio vulnificus and Other Lactose-Fermenting Vibrios in the Marine Environment. Applied and Environmental Microbiology, 1983, 45, 985-998.	1.4	252
98	Vibrio vulnificus. , 0, , 349-366.		66
99	Vibrio Species. , 0, , 401-439.		17