

Mark S Strom

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10972023/mark-s-strom-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

2,181
citations

21
h-index

31
g-index

31
ext. papers

2,367
ext. citations

4.6
avg. IF

4.57
L-index

#	Paper	IF	Citations
31	Structure-function and biogenesis of the type IV pili. <i>Annual Review of Microbiology</i> , 1993 , 47, 565-96	17.5	414
30	Epidemiology and pathogenesis of <i>Vibrio vulnificus</i> . <i>Microbes and Infection</i> , 2000 , 2, 177-88	9.3	352
29	Ecology of <i>Vibrio parahaemolyticus</i> and <i>Vibrio vulnificus</i> in the coastal and estuarine waters of Louisiana, Maryland, Mississippi, and Washington (United States). <i>Applied and Environmental Microbiology</i> , 2012 , 78, 7249-57	4.8	140
28	Sequence polymorphism of the 16S rRNA gene of <i>Vibrio vulnificus</i> is a possible indicator of strain virulence. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 442-6	9.7	135
27	The coastal environment and human health: microbial indicators, pathogens, sentinels and reservoirs. <i>Environmental Health</i> , 2008 , 7 Suppl 2, S3	6	125
26	A <i>Vibrio vulnificus</i> type IV pilin contributes to biofilm formation, adherence to epithelial cells, and virulence. <i>Infection and Immunity</i> , 2005 , 73, 1411-22	3.7	122
25	Population structure of clinical and environmental <i>Vibrio parahaemolyticus</i> from the Pacific Northwest coast of the United States. <i>PLoS ONE</i> , 2013 , 8, e55726	3.7	83
24	Climate change and seafood safety: Human health implications. <i>Food Research International</i> , 2010 , 43, 1766-1779	7	83
23	The type IV leader peptidase/N-methyltransferase of <i>Vibrio vulnificus</i> controls factors required for adherence to HEp-2 cells and virulence in iron-overloaded mice. <i>Infection and Immunity</i> , 1998 , 66, 5659-68	3.7	81
22	Structure-function relationship of type-IV prepilin peptidase of <i>Pseudomonas aeruginosa</i> --a review. <i>Gene</i> , 1997 , 192, 117-21	3.8	79
21	Cloning of an <i>Aeromonas hydrophila</i> type IV pilus biogenesis gene cluster: complementation of pilus assembly functions and characterization of a type IV leader peptidase/N-methyltransferase required for extracellular protein secretion. <i>Molecular Microbiology</i> , 1996 , 19, 857-69	4.1	60
20	A real-time PCR assay for the rapid determination of 16S rRNA genotype in <i>Vibrio vulnificus</i> . <i>Journal of Microbiological Methods</i> , 2007 , 68, 376-84	2.8	56
19	Detection and identification of bacterial pathogens of fish in kidney tissue using terminal restriction fragment length polymorphism (T-RFLP) analysis of 16S rRNA genes. <i>Diseases of Aquatic Organisms</i> , 2002 , 48, 175-85	1.7	52
18	Genome sequence of the fish pathogen <i>Renibacterium salmoninarum</i> suggests reductive evolution away from an environmental <i>Arthrobacter</i> ancestor. <i>Journal of Bacteriology</i> , 2008 , 190, 6970-82	3.5	49
17	Role of type IV pilins in persistence of <i>Vibrio vulnificus</i> in <i>Crassostrea virginica</i> oysters. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 5041-4	4.8	43
16	Posttranslational processing of type IV prepilin and homologs by PilD of <i>Pseudomonas aeruginosa</i> . <i>Methods in Enzymology</i> , 1994 , 235, 527-40	1.7	43
15	In situ strain-level detection and identification of <i>Vibrio parahaemolyticus</i> using surface-enhanced Raman spectroscopy. <i>Analytical Chemistry</i> , 2013 , 85, 2630-7	7.8	36

14	Investigation of the role of type IV Aeromonas pilus (Tap) in the pathogenesis of Aeromonas gastrointestinal infection. <i>Infection and Immunity</i> , 2000 , 68, 4040-8	3-7	36
13	An Aeromonas salmonicida type IV pilin is required for virulence in rainbow trout Oncorhynchus mykiss. <i>Diseases of Aquatic Organisms</i> , 2002 , 51, 13-25	1-7	33
12	Environmental influences on the seasonal distribution of Vibrio parahaemolyticus in the Pacific Northwest of the USA. <i>FEMS Microbiology Ecology</i> , 2015 , 91,	4-3	31
11	Efficacy of cellular vaccines and genetic adjuvants against bacterial kidney disease in chinook salmon (Oncorhynchus tshawytscha). <i>Fish and Shellfish Immunology</i> , 2004 , 16, 461-74	4-3	31
10	Description and characterization of IS994, a putative IS3 family insertion sequence from the salmon pathogen, Renibacterium salmoninarum. <i>Gene</i> , 2000 , 244, 97-107	3-8	17
9	Sortase inhibitor phenyl vinyl sulfone inhibits Renibacterium salmoninarum adherence and invasion of host cells. <i>Diseases of Aquatic Organisms</i> , 2007 , 78, 115-27	1-7	15
8	Vibrio parahaemolyticus risk assessment in the Pacific Northwest: it's not what's in the water. <i>FEMS Microbiology Ecology</i> , 2019 , 95,	4-3	14
7	Comparative Genomic Analysis of and Six Taxonomic Synonyms: A First Look at the Distribution and Diversity of the Expanded Species. <i>Frontiers in Microbiology</i> , 2018 , 9, 1893	5-7	13
6	Comparative evolutionary analysis of the major structural subunit of Vibrio vulnificus type IV pili. <i>Molecular Biology and Evolution</i> , 2009 , 26, 2185-96	8-3	10
5	Expression of duplicate msa genes in the salmonid pathogen Renibacterium salmoninarum. <i>Applied and Environmental Microbiology</i> , 2002 , 68, 5480-7	4-8	10
4	The bacterial flora of the forehead and back of Alaskan native villagers in summer and in winter. <i>Journal of Investigative Dermatology</i> , 1984 , 82, 294-7	4-3	7
3	Eight year persistence of individual differences in the bacterial flora of the forehead. <i>Journal of Investigative Dermatology</i> , 1982 , 79, 51-2	4-3	5
2	Genomic evidence of adaptive evolution in emergent Vibrio parahaemolyticus ecotypes. <i>Elementa</i> , 2016 , 4,	3-6	4
1	Type IV Prepilin Leader Peptidases. <i>The Enzymes</i> , 2002 , 22, 127-159	2-3	2