

Mark S Strom

List of Publications by Year in descending order

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31
papers

2,615
citations

331670

21
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

2327
citing authors

#	ARTICLE	IF	CITATIONS
1	STRUCTURE-FUNCTION AND BIOGENESIS OF THE TYPE IV PILL. Annual Review of Microbiology, 1993, 47, 565-596.	7.3	475
2	Epidemiology and pathogenesis of <i>Vibrio vulnificus</i> . Microbes and Infection, 2000, 2, 177-188.	1.9	410
3	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). Applied and Environmental Microbiology, 2012, 78, 7249-7257.	3.1	176
4	The coastal environment and human health: microbial indicators, pathogens, sentinels and reservoirs. Environmental Health, 2008, 7, S3.	4.0	168
5	Sequence Polymorphism of the 16S rRNA Gene of <i>Vibrio vulnificus</i> Is a Possible Indicator of Strain Virulence. Journal of Clinical Microbiology, 2003, 41, 442-446.	3.9	153
6	A <i>Vibrio vulnificus</i> Type IV Pilin Contributes to Biofilm Formation, Adherence to Epithelial Cells, and Virulence. Infection and Immunity, 2005, 73, 1411-1422.	2.2	151
7	Climate change and seafood safety: Human health implications. Food Research International, 2010, 43, 1766-1779.	6.2	107
8	Population Structure of Clinical and Environmental <i>Vibrio parahaemolyticus</i> from the Pacific Northwest Coast of the United States. PLoS ONE, 2013, 8, e55726.	2.5	96
9	Structure-function relationship of type-IV prepilin peptidase of <i>Pseudomonas aeruginosa</i> – a review. Gene, 1997, 192, 117-121.	2.2	95
10	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. Infection and Immunity, 1998, 66, 5659-5668.	2.2	93
11	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. Molecular Microbiology, 1996, 19, 857-869.	2.5	73
12	A real-time PCR assay for the rapid determination of 16S rRNA genotype in <i>Vibrio vulnificus</i> . Journal of Microbiological Methods, 2007, 68, 376-384.	1.6	63
13	Detection and identification of bacterial pathogens of fish in kidney tissue using terminal restriction fragment length polymorphism (T-RFLP) analysis of 16S rRNA genes. Diseases of Aquatic Organisms, 2002, 48, 175-185.	1.0	59
14	[42] Posttranslational processing of type IV prepilin and homologs by PilD of <i>Pseudomonas aeruginosa</i> . Methods in Enzymology, 1994, 235, 527-540.	1.0	57
15	Genome Sequence of the Fish Pathogen <i>Renibacterium salmoninarum</i> Suggests Reductive Evolution away from an Environmental <i>Arthrobacter</i> Ancestor. Journal of Bacteriology, 2008, 190, 6970-6982.	2.2	55
16	Role of Type IV Pilins in Persistence of <i>Vibrio vulnificus</i> in <i>Crassostrea virginica</i> Oysters. Applied and Environmental Microbiology, 2007, 73, 5041-5044.	3.1	50
17	An <i>Aeromonas salmonicida</i> type IV pilin is required for virulence in rainbow trout <i>Oncorhynchus mykiss</i> . Diseases of Aquatic Organisms, 2002, 51, 13-25.	1.0	43
18	Environmental influences on the seasonal distribution of <i>Vibrio parahaemolyticus</i> in the Pacific Northwest of the USA. FEMS Microbiology Ecology, 2015, 91, fiv121.	2.7	42

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19	Investigation of the Role of Type IV Aeromonas Pilus (Tap) in the Pathogenesis of Aeromonas Gastrointestinal Infection. <i>Infection and Immunity</i> , 2000, 68, 4040-4048.	2.2	41
20	Efficacy of cellular vaccines and genetic adjuvants against bacterial kidney disease in chinook salmon (<i>Oncorhynchus tshawytscha</i>). <i>Fish and Shellfish Immunology</i> , 2004, 16, 461-474.	3.6	39
21	In Situ Strain-Level Detection and Identification of <i>Vibrio parahaemolyticus</i> Using Surface-Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2013, 85, 2630-2637.	6.5	38
22	Comparative Genomic Analysis of <i>Vibrio diabolicus</i> and Six Taxonomic Synonyms: A First Look at the Distribution and Diversity of the Expanded Species. <i>Frontiers in Microbiology</i> , 2018, 9, 1893.	3.5	24
23	<i>Vibrio parahaemolyticus</i> risk assessment in the Pacific Northwest: it's not what's in the water. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	21
24	Description and characterization of IS994, a putative IS3 family insertion sequence from the salmon pathogen, <i>Renibacterium salmoninarum</i> . <i>Gene</i> , 2000, 244, 97-107.	2.2	19
25	Sortase inhibitor phenyl vinyl sulfone inhibits <i>Renibacterium salmoninarum</i> adherence and invasion of host cells. <i>Diseases of Aquatic Organisms</i> , 2007, 78, 115-127.	1.0	18
26	Expression of Duplicate <i>msa</i> Genes in the Salmonid Pathogen <i>Renibacterium salmoninarum</i> . <i>Applied and Environmental Microbiology</i> , 2002, 68, 5480-5487.	3.1	12
27	Comparative Evolutionary Analysis of the Major Structural Subunit of <i>Vibrio vulnificus</i> Type IV Pili. <i>Molecular Biology and Evolution</i> , 2009, 26, 2185-2196.	8.9	11
28	Genomic evidence of adaptive evolution in emergent <i>Vibrio parahaemolyticus</i> ecotypes. <i>Elementa</i> , 2016, 4, .	3.2	9
29	Eight Year Persistence of Individual Differences in the Bacterial Flora of the Forehead. <i>Journal of Investigative Dermatology</i> , 1982, 79, 51-52.	0.7	7
30	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, 294-297.	0.7	7
31	Type IV Prepilin Leader Peptidases. <i>The Enzymes</i> , 2002, 22, 127-159.	1.7	3