

# Mark S Strom

## List of Publications by Year in Descending Order

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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	<i>Vibrio parahaemolyticus</i> risk assessment in the Pacific Northwest: it's not what's in the water. <i>FEMS Microbiology Ecology</i> , <b>2019</b> , 95,	4.3	14
30	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> , <b>2018</b> , 9, 1893	5.7	13
29	Genomic evidence of adaptive evolution in emergent <i>Vibrio parahaemolyticus</i> ecotypes. <i>Elementa</i> , <b>2016</b> , 4,	3.6	4
28	Environmental influences on the seasonal distribution of <i>Vibrio parahaemolyticus</i> in the Pacific Northwest of the USA. <i>FEMS Microbiology Ecology</i> , <b>2015</b> , 91,	4.3	31
27	In situ strain-level detection and identification of <i>Vibrio parahaemolyticus</i> using surface-enhanced Raman spectroscopy. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 2630-7	7.8	36
26	Population structure of clinical and environmental <i>Vibrio parahaemolyticus</i> from the Pacific Northwest coast of the United States. <i>PLoS ONE</i> , <b>2013</b> , 8, e55726	3.7	83
25	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> , <b>2012</b> , 78, 7249-57	4.8	140
24	Climate change and seafood safety: Human health implications. <i>Food Research International</i> , <b>2010</b> , 43, 1766-1779	7	83
23	Comparative evolutionary analysis of the major structural subunit of <i>Vibrio vulnificus</i> type IV pili. <i>Molecular Biology and Evolution</i> , <b>2009</b> , 26, 2185-96	8.3	10
22	The coastal environment and human health: microbial indicators, pathogens, sentinels and reservoirs. <i>Environmental Health</i> , <b>2008</b> , 7 Suppl 2, S3	6	125
21	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> , <b>2008</b> , 190, 6970-82	3.5	49
20	Role of type IV pilins in persistence of <i>Vibrio vulnificus</i> in <i>Crassostrea virginica</i> oysters. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 5041-4	4.8	43
19	Sortase inhibitor phenyl vinyl sulfone inhibits <i>Renibacterium salmoninarum</i> adherence and invasion of host cells. <i>Diseases of Aquatic Organisms</i> , <b>2007</b> , 78, 115-27	1.7	15
18	A real-time PCR assay for the rapid determination of 16S rRNA genotype in <i>Vibrio vulnificus</i> . <i>Journal of Microbiological Methods</i> , <b>2007</b> , 68, 376-84	2.8	56
17	A <i>Vibrio vulnificus</i> type IV pilin contributes to biofilm formation, adherence to epithelial cells, and virulence. <i>Infection and Immunity</i> , <b>2005</b> , 73, 1411-22	3.7	122
16	Efficacy of cellular vaccines and genetic adjuvants against bacterial kidney disease in chinook salmon ( <i>Oncorhynchus tshawytscha</i> ). <i>Fish and Shellfish Immunology</i> , <b>2004</b> , 16, 461-74	4.3	31
15	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> , <b>2003</b> , 41, 442-6	9.7	135

14	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> , <b>2002</b> , 48, 175-85	1.7	52
13	Expression of duplicate msa genes in the salmonid pathogen <i>Renibacterium salmoninarum</i> . <i>Applied and Environmental Microbiology</i> , <b>2002</b> , 68, 5480-7	4.8	10
12	Type IV Prepilin Leader Peptidases. <i>The Enzymes</i> , <b>2002</b> , 22, 127-159	2.3	2
11	An <i>Aeromonas salmonicida</i> type IV pilin is required for virulence in rainbow trout <i>Oncorhynchus mykiss</i> . <i>Diseases of Aquatic Organisms</i> , <b>2002</b> , 51, 13-25	1.7	33
10	Epidemiology and pathogenesis of <i>Vibrio vulnificus</i> . <i>Microbes and Infection</i> , <b>2000</b> , 2, 177-88	9.3	352
9	Investigation of the role of type IV <i>Aeromonas</i> pilus (Tap) in the pathogenesis of <i>Aeromonas</i> gastrointestinal infection. <i>Infection and Immunity</i> , <b>2000</b> , 68, 4040-8	3.7	36
8	Description and characterization of IS994, a putative IS3 family insertion sequence from the salmon pathogen, <i>Renibacterium salmoninarum</i> . <i>Gene</i> , <b>2000</b> , 244, 97-107	3.8	17
7	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> , <b>1998</b> , 66, 5659-68	3.7	81
6	Structure-function relationship of type-IV prepilin peptidase of <i>Pseudomonas aeruginosa</i> --a review. <i>Gene</i> , <b>1997</b> , 192, 117-21	3.8	79
5	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> , <b>1996</b> , 19, 857-69	4.1	60
4	Posttranslational processing of type IV prepilin and homologs by PilD of <i>Pseudomonas aeruginosa</i> . <i>Methods in Enzymology</i> , <b>1994</b> , 235, 527-40	1.7	43
3	Structure-function and biogenesis of the type IV pili. <i>Annual Review of Microbiology</i> , <b>1993</b> , 47, 565-96	17.5	414
2	The bacterial flora of the forehead and back of Alaskan native villagers in summer and in winter. <i>Journal of Investigative Dermatology</i> , <b>1984</b> , 82, 294-7	4.3	7
1	Eight year persistence of individual differences in the bacterial flora of the forehead. <i>Journal of Investigative Dermatology</i> , <b>1982</b> , 79, 51-2	4.3	5