

Steve Atkinson

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,592
citations

394421

19
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

3309
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>N</i> -Acylhomoserine Lactones Undergo Lactonolysis in a pH-, Temperature-, and Acyl Chain Length-Dependent Manner during Growth of <i>Yersinia pseudotuberculosis</i> and <i>Pseudomonas aeruginosa</i> . <i>Infection and Immunity</i> , 2002, 70, 5635-5646.	2.2	560
2	Quorum sensing and social networking in the microbial world. <i>Journal of the Royal Society Interface</i> , 2009, 6, 959-978.	3.4	366
3	Combinatorial discovery of polymers resistant to bacterial attachment. <i>Nature Biotechnology</i> , 2012, 30, 868-875.	17.5	328
4	Characterization of N-acylhomoserine lactone-degrading bacteria associated with the <i>Zingiber officinale</i> (ginger) rhizosphere: Co-existence of quorum quenching and quorum sensing in <i>Acinetobacter</i> and <i>Burkholderia</i> . <i>BMC Microbiology</i> , 2011, 11, 51.	3.3	189
5	A hierarchical quorum-sensing system in <i>Yersinia pseudotuberculosis</i> is involved in the regulation of motility and clumping. <i>Molecular Microbiology</i> , 1999, 33, 1267-1277.	2.5	164
6	Quorum Sensing in <i>Yersinia enterocolitica</i> Controls Swimming and Swarming Motility. <i>Journal of Bacteriology</i> , 2006, 188, 1451-1461.	2.2	133
7	Comprehensive profiling of N-acylhomoserine lactones produced by <i>Yersinia pseudotuberculosis</i> using liquid chromatography coupled to hybrid quadrupole-linear ion trap mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 497-511.	3.7	111
8	Turnover of quorum sensing signal molecules modulates cross-kingdom signalling. <i>Environmental Microbiology</i> , 2009, 11, 1792-1802.	3.8	95
9	Discovery of Novel Materials with Broad Resistance to Bacterial Attachment Using Combinatorial Polymer Microarrays. <i>Advanced Materials</i> , 2013, 25, 2542-2547.	21.0	92
10	OmpR positively regulates urease expression to enhance acid survival of <i>Yersinia pseudotuberculosis</i> . <i>Microbiology (United Kingdom)</i> , 2009, 155, 2522-2531.	1.8	66
11	Inactivation of AHLs by <i>Ochrobactrum</i> sp. A44 depends on the activity of a novel class of AHL acylase. <i>Environmental Microbiology Reports</i> , 2011, 3, 59-68.	2.4	65
12	<i>Yersinia enterocolitica</i> Provides the Link between Thyroid-Stimulating Antibodies and Their Germline Counterparts in Graves' Disease. <i>Journal of Immunology</i> , 2013, 190, 5373-5381.	0.8	62
13	<i>Yersinia</i> virulence factors - a sophisticated arsenal for combating host defences. <i>F1000Research</i> , 2016, 5, 1370.	1.6	60
14	Functional interplay between the <i>Yersinia pseudotuberculosis</i> YpsRI and YtbRI quorum sensing systems modulates swimming motility by controlling expression of <i>flhDC</i> and <i>fliA</i> . <i>Molecular Microbiology</i> , 2008, 69, 137-151.	2.5	53
15	Biofilm Development on <i>Caenorhabditis elegans</i> by <i>Yersinia</i> Is Facilitated by Quorum Sensing-Dependent Repression of Type III Secretion. <i>PLoS Pathogens</i> , 2011, 7, e1001250.	4.7	47
16	Interference with the germination and growth of <i>U</i> zoospores by quorum-sensing molecules from <i>U</i> -associated epiphytic bacteria. <i>Environmental Microbiology</i> , 2014, 16, 445-453.	3.8	35
17	Modelled microgravity cultivation modulates N-acylhomoserine lactone production in <i>Rhodospirillum rubrum</i> S1H independently of cell density. <i>Microbiology (United Kingdom)</i> , 2013, 159, 2456-2466.	1.8	26
18	Positive regulation of <i>flhDC</i> expression by OmpR in <i>Yersinia pseudotuberculosis</i> . <i>Microbiology (United Kingdom)</i> , 2009, 155, 3622-3631.	1.8	21

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19	Polymer Microarrays for High Throughput Discovery of Biomaterials. <i>Journal of Visualized Experiments</i> , 2012, , e3636.	0.3	21
20	Functional characterization of FlgM in the regulation of flagellar synthesis and motility in <i>Yersinia pseudotuberculosis</i> . <i>Microbiology (United Kingdom)</i> , 2009, 155, 1890-1900.	1.8	20
21	Genome-Wide Evaluation of the Interplay between <i>Caenorhabditis elegans</i> and <i>Yersinia pseudotuberculosis</i> during <i>In Vivo</i> Biofilm Formation. <i>Infection and Immunity</i> , 2015, 83, 17-27.	2.2	19
22	The Quorum Sensing System of <i>Yersinia enterocolitica</i> 8081 Regulates Swimming Motility, Host Cell Attachment, and Virulence Plasmid Maintenance. <i>Genes</i> , 2018, 9, 307.	2.4	19
23	Identification and characterisation of a novel adhesin <i>I</i> fp in <i>Yersinia pseudotuberculosis</i> . <i>BMC Microbiology</i> , 2011, 11, 85.	3.3	16
24	Manipulation of quorum sensing regulation in <i>Pseudomonas fluorescens</i> NCIMB 10586 to increase mupirocin production. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 1017-1026.	3.6	13
25	Construction and phenotypic characterization of M68, an <i>R</i> rul quorum sensing knockout mutant of the photosynthetic alphaproteobacterium <i>Rhodospirillum rubrum</i> . <i>Research in Microbiology</i> , 2016, 167, 380-392.	2.1	5
26	Biotic factors limit the invasion of the plague pathogen (<i>Yersinia pestis</i>) in novel geographical settings. <i>Global Ecology and Biogeography</i> , 2022, 31, 672-684.	5.8	4