

Nikhil A Thomas

List of Publications by Year in descending order

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37
papers

1,607
citations

304743
22
h-index

345221
36
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39
all docs

39
docs citations

39
times ranked

1745
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of a commercially-available, low-pressure UV lamp as a disinfection system for decontamination of common nosocomial pathogens on N95 filtering facepiece respirator (FFR) material. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 2089-2102.	2.4	10
2	Tyrosine Phosphorylation as a Widespread Regulatory Mechanism in Prokaryotes. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	22
3	Tandem tyrosine phosphosites in the Enteropathogenic <i>Escherichia coli</i> chaperone CesT are required for differential type III effector translocation and virulence. <i>Molecular Microbiology</i> , 2018, 108, 536-550.	2.5	9
4	The Transcriptional Regulator HlyU Positively Regulates Expression of <i>exsA</i> , Leading to Type III Secretion System 1 Activation in <i>Vibrio parahaemolyticus</i> . <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	16
5	Feed Supplementation with Red Seaweeds, <i>Chondrus crispus</i> and <i>Sarcodiotheca gaudichaudii</i> , Reduce <i>Salmonella</i> Enteritidis in Laying Hens. <i>Frontiers in Microbiology</i> , 2017, 8, 567.	3.5	33
6	Red Seaweeds <i>Sarcodiotheca gaudichaudii</i> and <i>Chondrus crispus</i> down Regulate Virulence Factors of <i>Salmonella</i> Enteritidis and Induce Immune Responses in <i>Caenorhabditis elegans</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 421.	3.5	35
7	Early Changes in Microbial Community Structure Are Associated with Sustained Remission After Nutritional Treatment of Pediatric Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2853-2862.	1.9	69
8	The Gut Microbiome of Pediatric Crohn's Disease Patients Differs from Healthy Controls in Genes That Can Influence the Balance Between a Healthy and Dysregulated Immune Response. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2607-2618.	1.9	33
9	Transcriptional profiling of <i>Vibrio parahaemolyticus</i> <i>exsA</i> reveals a complex activation network for type III secretion. <i>Frontiers in Microbiology</i> , 2015, 6, 1089.	3.5	7
10	Properdin Provides Protection from <i>Citrobacter rodentium</i> -Induced Intestinal Inflammation in a C5a/IL-6-Dependent Manner. <i>Journal of Immunology</i> , 2015, 194, 3414-3421.	0.8	24
11	Feed supplementation with red seaweeds, <i>Chondrus crispus</i> and <i>Sarcodiotheca gaudichaudii</i> , affects performance, egg quality, and gut microbiota of layer hens. <i>Poultry Science</i> , 2014, 93, 2991-3001.	3.4	105
12	Reprint of "GELFrEE fractionation combined with mass spectrometry for proteome analysis of secreted toxins from Enteropathogenic <i>Escherichia coli</i> (EPEC)". <i>Molecular and Cellular Probes</i> , 2014, 28, 83-90.	2.1	0
13	GELFrEE fractionation combined with mass spectrometry for proteome analysis of secreted toxins from Enteropathogenic <i>Escherichia coli</i> (EPEC). <i>Molecular and Cellular Probes</i> , 2013, 27, 200-207.	2.1	9
14	A Novel C-Terminal Region within the Multicargo Type III Secretion Chaperone CesT Contributes to Effector Secretion. <i>Journal of Bacteriology</i> , 2013, 195, 740-756.	2.2	21
15	Dual temporal transcription activation mechanisms control <i>cesT</i> expression in enteropathogenic <i>Escherichia coli</i> . <i>Microbiology (United Kingdom)</i> , 2012, 158, 2246-2261.	1.8	6
16	Expanded Roles for Multicargo and Class 1B Effector Chaperones in Type III Secretion. <i>Journal of Bacteriology</i> , 2012, 194, 3767-3773.	2.2	39
17	Characterization of the type III secretion associated low calcium response genes of <i>Vibrio parahaemolyticus</i> RIMD2210633. <i>Canadian Journal of Microbiology</i> , 2012, 58, 1306-1315.	1.7	12
18	Role of EscU auto-cleavage in promoting type III effector translocation into host cells by enteropathogenic <i>Escherichia coli</i> . <i>BMC Microbiology</i> , 2011, 11, 205.	3.3	23

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19	A Comprehensive Proteomic Analysis of the Type III Secretome of <i>Citrobacter rodentium</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 6790-6800.	3.4	66
20	Regulation of Expression and Secretion of NleH, a New Non-Locus of Enterocyte Effacement-Encoded Effector in <i>Citrobacter rodentium</i> . <i>Journal of Bacteriology</i> , 2008, 190, 2388-2399.	2.2	37
21	Hierarchical Delivery of an Essential Host Colonization Factor in Enteropathogenic <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 29634-29645.	3.4	38
22	The Bacterial Virulence Factor NleA Inhibits Cellular Protein Secretion by Disrupting Mammalian COPII Function. <i>Cell Host and Microbe</i> , 2007, 2, 160-171.	11.0	96
23	CesT is a multi-effector chaperone and recruitment factor required for the efficient type III secretion of both LEE- and non-LEE-encoded effectors of enteropathogenic <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2005, 57, 1762-1779.	2.5	99
24	Structural characterization of the molecular platform for type III secretion system assembly. <i>Nature</i> , 2005, 435, 702-707.	27.8	169
25	Pathogens: Bacterial Needles Ruled to Length and Specificity. <i>Current Biology</i> , 2004, 14, R192-R194.	3.9	5
26	Identification and characterization of NleA, a non-LEE-encoded type III translocated virulence factor of enterohaemorrhagic <i>Escherichia coli</i> O157:H7. <i>Molecular Microbiology</i> , 2004, 51, 1233-1249.	2.5	205
27	Establishing order for type III secretion substrates – a hierarchical process. <i>Trends in Microbiology</i> , 2003, 11, 398-403.	7.7	25
28	Bacterial Injection Machines. <i>Journal of Biological Chemistry</i> , 2003, 278, 25273-25276.	3.4	24
29	Mutants in <i>flaB</i> and <i>flaJ</i> of the archaeon <i>Methanococcus voltae</i> are deficient in flagellum assembly. <i>Molecular Microbiology</i> , 2002, 46, 879-887.	2.5	50
30	Identification of amino acids in the leader peptide of <i>Methanococcus voltae</i> preflagellin that are important in posttranslational processing. <i>Archives of Microbiology</i> , 2001, 175, 263-269.	2.2	30
31	The archaeal flagellum: a different kind of prokaryotic motility structure. <i>FEMS Microbiology Reviews</i> , 2001, 25, 147-174.	8.6	128
32	Characterization of Flagellum Gene Families of Methanogenic Archaea and Localization of Novel Flagellum Accessory Proteins. <i>Journal of Bacteriology</i> , 2001, 183, 7154-7164.	2.2	62
33	The archaeal flagellum: a different kind of prokaryotic motility structure. <i>FEMS Microbiology Reviews</i> , 2001, 25, 147-174.	8.6	7
34	Recent Excitement about the Archaea. <i>BioScience</i> , 1999, 49, 530-541.	4.9	10
35	Is the processing and translocation system used by flagellins also used by membrane-anchored secretory proteins in archaea?. <i>Molecular Microbiology</i> , 1999, 34, 395-398.	2.5	10
36	Isolation and characterization of bacteriophage BCJA1, a novel temperate bacteriophage active against the alkaliphilic bacterium, <i>Bacillus clarkii</i> . <i>Extremophiles</i> , 1997, 1, 199-206.	2.3	8

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37	Isolation and characterization of flagella and flagellin proteins from the Thermoacidophilic archaea <i>Thermoplasma volcanium</i> and <i>Sulfolobus shibatae</i> . <i>Journal of Bacteriology</i> , 1996, 178, 902-905.	2.2	65