

Trinad Chakraborty

List of Publications by Year in descending order

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288
papers

19,140
citations

12322

69
h-index

16164

124
g-index

290
all docs

290
docs citations

290
times ranked

20507
citing authors

#	ARTICLE	IF	CITATIONS
1	Listeria Pathogenesis and Molecular Virulence Determinants. <i>Clinical Microbiology Reviews</i> , 2001, 14, 584-640.	5.7	1,892
2	ResFinder 4.0 for predictions of phenotypes from genotypes. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3491-3500.	1.3	1,523
3	Surfactant proteins SP-A and SP-D: Structure, function and receptors. <i>Molecular Immunology</i> , 2006, 43, 1293-1315.	1.0	468
4	Oral Somatic Transgene Vaccination Using Attenuated <i>S. typhimurium</i> . <i>Cell</i> , 1997, 91, 765-775.	13.5	400
5	<i>Listeria monocytogenes</i> ActA-mediated escape from autophagic recognition. <i>Nature Cell Biology</i> , 2009, 11, 1233-1240.	4.6	388
6	Intracellular Gene Expression Profile of <i>Listeria monocytogenes</i> . <i>Infection and Immunity</i> , 2006, 74, 1323-1338.	1.0	341
7	Rapid Identification and Typing of <i>Listeria</i> Species by Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. <i>Applied and Environmental Microbiology</i> , 2008, 74, 5402-5407.	1.4	294
8	Colistin resistance gene <i>mcr-1</i> in extended-spectrum β -lactamase-producing and carbapenemase-producing Gram-negative bacteria in Germany. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 282-283.	4.6	271
9	Structure of Internalin, a Major Invasion Protein of <i>Listeria monocytogenes</i> , in Complex with Its Human Receptor E-Cadherin. <i>Cell</i> , 2002, 111, 825-836.	13.5	270
10	Clinical Application of Volatile Organic Compound Analysis for Detecting Infectious Diseases. <i>Clinical Microbiology Reviews</i> , 2013, 26, 462-475.	5.7	251
11	<i>Galleria mellonella</i> as a Model System for Studying <i>Listeria</i> Pathogenesis. <i>Applied and Environmental Microbiology</i> , 2010, 76, 310-317.	1.4	208
12	Comparison of Widely Used <i>Listeria monocytogenes</i> Strains EGD, 10403S, and EGD-e Highlights Genomic Differences Underlying Variations in Pathogenicity. <i>MBio</i> , 2014, 5, e00969-14.	1.8	201
13	Complete Genome Sequence and Analysis of the Multiresistant Nosocomial Pathogen <i>Corynebacterium jeikeium</i> K411, a Lipid-Requiring Bacterium of the Human Skin Flora. <i>Journal of Bacteriology</i> , 2005, 187, 4671-4682.	1.0	189
14	Identification of Sigma Factor σ^B -Controlled Genes and Their Impact on Acid Stress, High Hydrostatic Pressure, and Freeze Survival in <i>Listeria monocytogenes</i> EGD-e. <i>Applied and Environmental Microbiology</i> , 2004, 70, 3457-3466.	1.4	185
15	<i>Escherichia coli</i> Sequence Type 410 Is Causing New International High-Risk Clones. <i>MSphere</i> , 2018, 3, .	1.3	183
16	Apoptosis of mouse dendritic cells is triggered by listeriolysin, the major virulence determinant of <i>Listeria monocytogenes</i> . <i>Molecular Microbiology</i> , 1996, 20, 119-126.	1.2	182
17	<i>Listeria monocytogenes</i> Activated p38 MAPK and Induced IL-8 Secretion in a Nucleotide-Binding Oligomerization Domain 1-Dependent Manner in Endothelial Cells. <i>Journal of Immunology</i> , 2006, 176, 484-490.	0.4	182
18	The MprF protein is required for lysinylation of phospholipids in listerial membranes and confers resistance to cationic antimicrobial peptides (CAMPs) on <i>Listeria monocytogenes</i> . <i>Molecular Microbiology</i> , 2006, 62, 1325-1339.	1.2	181

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19	EspE, a novel secreted protein of attaching and effacing bacteria, is directly translocated into infected host cells, where it appears as a tyrosine-phosphorylated 90 kDa protein. <i>Molecular Microbiology</i> , 1998, 28, 463-474.	1.2	180
20	<i>Listeria monocytogenes</i> -Infected Human Peripheral Blood Mononuclear Cells Produce IL-1 β , Depending on Listeriolysin O and NLRP3. <i>Journal of Immunology</i> , 2010, 184, 922-930.	0.4	177
21	Structural and functional anatomy of the globular domain of complement protein C1q. <i>Immunology Letters</i> , 2004, 95, 113-128.	1.1	166
22	The Arp2/3 complex is essential for the actin-based motility of <i>Listeria monocytogenes</i> . <i>Current Biology</i> , 1999, 9, 759-762.	1.8	164
23	Culture-Independent Identification of Pathogenic Bacteria and Polymicrobial Infections in the Genitourinary Tract of Renal Transplant Recipients. <i>Journal of Clinical Microbiology</i> , 2003, 41, 5500-5510.	1.8	162
24	CD8 α ⁺ Dendritic Cells Are Required for Efficient Entry of <i>Listeria monocytogenes</i> into the Spleen. <i>Immunity</i> , 2006, 25, 619-630.	6.6	160
25	The intracellular sRNA transcriptome of <i>Listeria monocytogenes</i> during growth in macrophages. <i>Nucleic Acids Research</i> , 2011, 39, 4235-4248.	6.5	160
26	Initial binding of Shiga toxin-producing <i>Escherichia coli</i> to host cells and subsequent induction of actin rearrangements depend on filamentous EspA-containing surface appendages. <i>Molecular Microbiology</i> , 1998, 30, 147-161.	1.2	158
27	Antigen-43-Mediated Autoaggregation of <i>Escherichia coli</i> Is Blocked by Fimbriation. <i>Journal of Bacteriology</i> , 1999, 181, 4834-4841.	1.0	158
28	Internalin B is essential for adhesion and mediates the invasion of <i>Listeria monocytogenes</i> into human endothelial cells. <i>Molecular Microbiology</i> , 2002, 28, 81-93.	1.2	155
29	RIG-I detects infection with live <i>Listeria</i> by sensing secreted bacterial nucleic acids. <i>EMBO Journal</i> , 2012, 31, 4153-4164.	3.5	153
30	The bacterial actin nucleator protein ActA of <i>Listeria monocytogenes</i> contains multiple binding sites for host microfilament proteins. <i>Current Biology</i> , 1995, 5, 517-525.	1.8	144
31	Production of Type I IFN Sensitizes Macrophages to Cell Death Induced by <i>Listeria monocytogenes</i> . <i>Journal of Immunology</i> , 2002, 169, 6522-6529.	0.4	144
32	Multiresistant extended-spectrum β -lactamase-producing Enterobacteriaceae from humans, companion animals and horses in central Hesse, Germany. <i>BMC Microbiology</i> , 2014, 14, 187.	1.3	144
33	Indoleamine 2,3-dioxygenase-expressing dendritic cells form suppurative granulomas following <i>Listeria monocytogenes</i> infection. <i>Journal of Clinical Investigation</i> , 2006, 116, 3160-3170.	3.9	123
34	The heat-shock response of <i>Listeria monocytogenes</i> comprises genes involved in heat shock, cell division, cell wall synthesis, and the SOS response. <i>Microbiology (United Kingdom)</i> , 2007, 153, 3593-3607.	0.7	120
35	Biofilm-Forming Abilities of <i>Listeria monocytogenes</i> Serotypes Isolated from Different Sources. <i>PLoS ONE</i> , 2015, 10, e0137046.	1.1	120
36	Subgrouping of ESBL-producing <i>Escherichia coli</i> from animal and human sources: An approach to quantify the distribution of ESBL types between different reservoirs. <i>International Journal of Medical Microbiology</i> , 2014, 304, 805-816.	1.5	119

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37	Crystal structure of listeriolysin O reveals molecular details of oligomerization and pore formation. <i>Nature Communications</i> , 2014, 5, 3690.	5.8	116
38	Listeriolysin O: cholesterol inhibits cytolysis but not binding to cellular membranes. <i>Molecular Microbiology</i> , 1998, 28, 1081-1089.	1.2	111
39	Internalins from the human pathogen <i>Listeria monocytogenes</i> combine three distinct folds into a contiguous internalin domain 1 Edited by T. Richmond. <i>Journal of Molecular Biology</i> , 2001, 312, 783-794.	2.0	111
40	Comparative Analysis of Plasmids in the Genus <i>Listeria</i> . <i>PLoS ONE</i> , 2010, 5, e12511.	1.1	110
41	Activation of the unfolded protein response by <i>Listeria monocytogenes</i> . <i>Cellular Microbiology</i> , 2012, 14, 949-964.	1.1	107
42	Circulation of clonal populations of fluoroquinolone-resistant CTX-M-15-producing <i>Escherichia coli</i> ST410 in humans and animals in Germany. <i>International Journal of Antimicrobial Agents</i> , 2016, 47, 457-465.	1.1	107
43	Oral delivery of DNA vaccines using attenuated <i>Salmonella typhimurium</i> as carrier. <i>FEMS Immunology and Medical Microbiology</i> , 2000, 27, 341-349.	2.7	105
44	Listeriolysin of <i>Listeria monocytogenes</i> forms Ca ²⁺ -permeable pores leading to intracellular Ca ²⁺ oscillations. <i>Cellular Microbiology</i> , 2002, 4, 483-491.	1.1	98
45	Comparative genomic analysis for the presence of potential enterococcal virulence factors in the probiotic <i>Enterococcus faecalis</i> strain Symbioflor 1. <i>International Journal of Medical Microbiology</i> , 2007, 297, 533-539.	1.5	98
46	Uropathogenic <i>Escherichia coli</i> Block MyD88-Dependent and Activate MyD88-Independent Signaling Pathways in Rat Testicular Cells. <i>Journal of Immunology</i> , 2008, 180, 5537-5547.	0.4	98
47	<i>Listeria</i> as an Enteroinvasive Gastrointestinal Pathogen. <i>Current Topics in Microbiology and Immunology</i> , 2009, 337, 173-195.	0.7	98
48	Acute Epididymitis Revisited: Impact of Molecular Diagnostics on Etiology and Contemporary Guideline Recommendations. <i>European Urology</i> , 2015, 68, 428-435.	0.9	97
49	Characterization of an exported protease from Shiga toxin-producing <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 1997, 25, 771-784.	1.2	95
50	B7-H1 and B7-DC receptors of oral squamous carcinoma cells are upregulated by <i>Porphyromonas gingivalis</i> . <i>Immunobiology</i> , 2011, 216, 1302-1310.	0.8	95
51	Sepsis syndrome and death in trauma patients are associated with variation in the gene encoding tumor necrosis factor*. <i>Critical Care Medicine</i> , 2008, 36, 1456-e6.	0.4	94
52	Predominance of <i>Klebsiella pneumoniae</i> ST14 carrying CTX-M-15 causing neonatal sepsis in Tanzania. <i>BMC Infectious Diseases</i> , 2013, 13, 466.	1.3	90
53	Whole-Genome Sequence of <i>Listeria welshimeri</i> Reveals Common Steps in Genome Reduction with <i>Listeria innocua</i> as Compared to <i>Listeria monocytogenes</i> . <i>Journal of Bacteriology</i> , 2006, 188, 7405-7415.	1.0	89
54	Intracellular Bacteria Differentially Regulated Endothelial Cytokine Release by MAPK-Dependent Histone Modification. <i>Journal of Immunology</i> , 2005, 175, 2843-2850.	0.4	88

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55	Comparative genomics and transcriptomics of lineages I, II, and III strains of <i>Listeria monocytogenes</i> . <i>BMC Genomics</i> , 2012, 13, 144.	1.2	88
56	Genome organization and the evolution of the virulence gene locus in <i>Listeria</i> species. <i>International Journal of Medical Microbiology</i> , 2000, 290, 167-174.	1.5	87
57	Sterol and pH Interdependence in the Binding, Oligomerization, and Pore Formation of Listeriolysin O. <i>Biochemistry</i> , 2007, 46, 4425-4437.	1.2	87
58	Aromatic and basic residues within the EVH1 domain of VASP specify its interaction with proline-rich ligands. <i>Current Biology</i> , 1999, 9, 715-S4.	1.8	86
59	Comparative and functional genomics of <i>Listeria</i> spp.. <i>Journal of Biotechnology</i> , 2006, 126, 37-51.	1.9	86
60	Lipoproteins of <i>Listeria monocytogenes</i> Are Critical for Virulence and TLR2-Mediated Immune Activation. <i>Journal of Immunology</i> , 2008, 181, 2028-2035.	0.4	86
61	Characterization of the Micro-Environment of the Testis that Shapes the Phenotype and Function of Testicular Macrophages. <i>Journal of Immunology</i> , 2017, 198, 4327-4340.	0.4	86
62	Identification and Characterization of a Peptidoglycan Hydrolase, MurA, of <i>Listeria monocytogenes</i> , a Muramidase Needed for Cell Separation. <i>Journal of Bacteriology</i> , 2003, 185, 6801-6808.	1.0	84
63	Pathogenomics of <i>Listeria</i> spp.. <i>International Journal of Medical Microbiology</i> , 2007, 297, 541-557.	1.5	84
64	The cholesterol-dependent cytolysin listeriolysin O aggregates rafts via oligomerization. <i>Cellular Microbiology</i> , 2005, 7, 1345-1356.	1.1	80
65	Phosphatidylcholine-Specific Phospholipase C from <i>Listeria monocytogenes</i> Is an Important Virulence Factor in Murine Cerebral Listeriosis. <i>Infection and Immunity</i> , 1998, 66, 5930-5938.	1.0	80
66	Suppression of NF- κ B Activation and Proinflammatory Cytokine Expression by Shiga Toxin-Producing <i>Escherichia coli</i> . <i>Journal of Immunology</i> , 2003, 170, 2074-2082.	0.4	78
67	Environmental emission of multiresistant <i>Escherichia coli</i> carrying the colistin resistance gene <i>mcr-1</i> from German swine farms. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, dkw585.	1.3	77
68	IFN γ responses induced by intracellular bacteria or cytosolic DNA in different human cells do not require ZBP1 (DLM-1/DAI). <i>Cellular Microbiology</i> , 2008, 10, 2579-2588.	1.1	76
69	A hybrid sub-lineage of <i>Listeria monocytogenes</i> comprising hypervirulent isolates. <i>Nature Communications</i> , 2019, 10, 4283.	5.8	76
70	Differences in Levels of Secreted Locus of Enterocyte Effacement Proteins between Human Disease-Associated and Bovine <i>Escherichia coli</i> O157. <i>Infection and Immunity</i> , 2001, 69, 5107-5114.	1.0	73
71	Crystal structure of the phosphatidylinositol-specific phospholipase C from the human pathogen <i>Listeria monocytogenes</i> . <i>Journal of Molecular Biology</i> , 1997, 273, 269-282.	2.0	71
72	Chromosomal Locations of <i>mcr-1</i> and <i>bla</i> CTX-M-15 in Fluoroquinolone-Resistant <i>Escherichia coli</i> ST410. <i>Emerging Infectious Diseases</i> , 2016, 22, 1689-1691.	2.0	70

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73	Gene disruption by plasmid integration in <i>Listeria monocytogenes</i> : Insertional inactivation of the listeriolysin determinant <i>lisA</i> . <i>Molecular Genetics and Genomics</i> , 1991, 228, 177-182.	2.4	69
74	Predictors of blaCTX-M-15 in varieties of <i>Escherichia coli</i> genotypes from humans in community settings in Mwanza, Tanzania. <i>BMC Infectious Diseases</i> , 2016, 16, 187.	1.3	69
75	Uropathogenic <i>E. coli</i> Induce Different Immune Response in Testicular and Peritoneal Macrophages: Implications for Testicular Immune Privilege. <i>PLoS ONE</i> , 2011, 6, e28452.	1.1	68
76	Predominance of CTX-M-15 among ESBL Producers from Environment and Fish Gut from the Shores of Lake Victoria in Mwanza, Tanzania. <i>Frontiers in Microbiology</i> , 2016, 7, 1862.	1.5	68
77	Treatment Options for Carbapenem-Resistant Gram-Negative Infections. <i>Deutsches A&#x0308;rzteblatt International</i> , 2018, 115, 345-352.	0.6	68
78	Human Endothelial Cell Activation and Mediator Release in Response to <i>Listeria monocytogenes</i> Virulence Factors. <i>Infection and Immunity</i> , 2001, 69, 897-905.	1.0	67
79	Induction of Suicidal Erythrocyte Death by Listeriolysin from <i>Listeria monocytogenes</i> . <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 1051-1060.	1.1	66
80	Polymorphisms in the human surfactant protein-D (SFTPD) gene: strong evidence that serum levels of surfactant protein-D (SP-D) are genetically influenced. <i>Immunogenetics</i> , 2005, 57, 1-7.	1.2	65
81	Transfer of eukaryotic expression plasmids to mammalian host cells by bacterial carriers. <i>Current Opinion in Biotechnology</i> , 2001, 12, 467-472.	3.3	64
82	The lectin-like domain of tumor necrosis factor improves lung function after rat lung transplantation—Potential role for a reduction in reactive oxygen species generation*. <i>Critical Care Medicine</i> , 2010, 38, 871-878.	0.4	64
83	Differential Activation of Inflammatory Pathways in Testicular Macrophages Provides a Rationale for Their Subdued Inflammatory Capacity. <i>Journal of Immunology</i> , 2015, 194, 5455-5464.	0.4	64
84	Aerolysin From <i>Aeromonas hydrophila</i> Perturbs Tight Junction Integrity and Cell Lesion Repair in Intestinal Epithelial HT-29/B6 Cells. <i>Journal of Infectious Diseases</i> , 2011, 204, 1283-1292.	1.9	63
85	Multiple ESBL-Producing <i>Escherichia coli</i> Sequence Types Carrying Quinolone and Aminoglycoside Resistance Genes Circulating in Companion and Domestic Farm Animals in Mwanza, Tanzania, Harbor Commonly Occurring Plasmids. <i>Frontiers in Microbiology</i> , 2016, 7, 142.	1.5	63
86	Universal Stress Proteins Are Important for Oxidative and Acid Stress Resistance and Growth of <i>Listeria monocytogenes</i> EGD-e In Vitro and In Vivo. <i>PLoS ONE</i> , 2011, 6, e24965.	1.1	63
87	CTX-M-15-Producing <i>E. coli</i> Isolates from Food Products in Germany Are Mainly Associated with an IncF-Type Plasmid and Belong to Two Predominant Clonal <i>E. coli</i> Lineages. <i>Frontiers in Microbiology</i> , 2017, 8, 2318.	1.5	62
88	<i>Enterobacter bugandensis</i> : a novel enterobacterial species associated with severe clinical infection. <i>Scientific Reports</i> , 2018, 8, 5392.	1.6	61
89	<i>Enterobacter bugandensis</i> sp. nov., isolated from neonatal blood. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 968-974.	0.8	61
90	Conjugative IncFI plasmids carrying CTX-M-15 among <i>Escherichia coli</i> ESBL producing isolates at a University hospital in Germany. <i>BMC Infectious Diseases</i> , 2009, 9, 97.	1.3	60

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91	Protein Kinase C- β and Arginase I Mediate Pneumolysin-Induced Pulmonary Endothelial Hyperpermeability. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 445-453.	1.4	60
92	Global Transcriptome and Mutagenic Analyses of the Acid Tolerance Response of <i>Salmonella enterica</i> Serovar Typhimurium. <i>Applied and Environmental Microbiology</i> , 2015, 81, 8054-8065.	1.4	60
93	Simultaneous Deficiency of both MurA and p60 Proteins Generates a Rough Phenotype in <i>Listeria monocytogenes</i> . <i>Journal of Bacteriology</i> , 2005, 187, 8385-8394.	1.0	59
94	ASA3P: An automatic and scalable pipeline for the assembly, annotation and higher-level analysis of closely related bacterial isolates. <i>PLoS Computational Biology</i> , 2020, 16, e1007134.	1.5	59
95	The dual role of TNF in pulmonary edema. <i>Journal of Cardiovascular Disease Research (discontinued)</i> , 2010, 1, 29-36.	0.1	58
96	microRNA Response to <i>Listeria monocytogenes</i> Infection in Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2012, 13, 1173-1185.	1.8	57
97	Predictors of the extended-spectrum-beta lactamases producing Enterobacteriaceae neonatal sepsis at a tertiary hospital, Tanzania. <i>International Journal of Medical Microbiology</i> , 2018, 308, 803-811.	1.5	56
98	Role of <i>Listeria monocytogenes</i> Exotoxins Listeriolysin and Phosphatidylinositol-Specific Phospholipase C in Activation of Human Neutrophils. <i>Infection and Immunity</i> , 1999, 67, 1125-1130.	1.0	56
99	HlyA Hemolysin of <i>Vibrio Cholerae</i> O1 Biotype El Tor. Identification of the Hemolytic Complex and Evidence for the Formation of Anion-Selective Ion-Permeable Channels. <i>FEBS Journal</i> , 1996, 240, 646-654.	0.2	55
100	Comparative genome analysis of IncHI2 VIM-1 carbapenemase-encoding plasmids of <i>Escherichia coli</i> and <i>Salmonella enterica</i> isolated from a livestock farm in Germany. <i>Veterinary Microbiology</i> , 2017, 200, 114-117.	0.8	55
101	Eukaryotic expression plasmid transfer from the intracellular bacterium <i>Listeria monocytogenes</i> to host cells. <i>Cellular Microbiology</i> , 2001, 3, 599-609.	1.1	54
102	Effects of <i>Porphyromonas gingivalis</i> infection on human gingival epithelial barrier function <i>in vitro</i> . <i>European Journal of Oral Sciences</i> , 2010, 118, 582-589.	0.7	54
103	Diversity of CTX-M-1-producing <i>E. coli</i> from German food samples and genetic diversity of the bla CTX-M-1 region on IncI1 ST3 plasmids. <i>Veterinary Microbiology</i> , 2018, 221, 98-104.	0.8	54
104	Prediction of antimicrobial resistance based on whole-genome sequencing and machine learning. <i>Bioinformatics</i> , 2022, 38, 325-334.	1.8	54
105	Hyperexpression of listeriolysin in the nonpathogenic species <i>Listeria innocua</i> and high yield purification. <i>Journal of Biotechnology</i> , 1995, 43, 205-212.	1.9	50
106	Agonist of growth hormone-releasing hormone reduces pneumolysin-induced pulmonary permeability edema. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2084-2089.	3.3	50
107	Insights into a Novel blaKPC-2-Encoding IncP-6 Plasmid Reveal Carbapenem-Resistance Circulation in Several Enterobacteriaceae Species from Wastewater and a Hospital Source in Spain. <i>Frontiers in Microbiology</i> , 2017, 8, 1143.	1.5	50
108	The defined attenuated <i>Listeria monocytogenes</i> Δ mpl2 mutant is an effective oral vaccine carrier to trigger a long-lasting immune response against a mouse fibrosarcoma. <i>European Journal of Immunology</i> , 1997, 27, 1570-1575.	1.6	49

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109	A role for membrane-bound CD147 in NOD2-mediated recognition of bacterial cytoinvasion. <i>Journal of Cell Science</i> , 2008, 121, 487-495.	1.2	49
110	Brain infection and activation of neuronal repair mechanisms by the human pathogen <i>Listeria monocytogenes</i> in the lepidopteran model host <i>Galleria mellonella</i> . <i>Virulence</i> , 2013, 4, 324-332.	1.8	49
111	A Novel Tumor Necrosis Factor-mediated Mechanism of Direct Epithelial Sodium Channel Activation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 522-532.	2.5	49
112	Necrosis Is the Dominant Cell Death Pathway in Uropathogenic <i>Escherichia coli</i> Elicited Epididymo-Orchitis and Is Responsible for Damage of Rat Testis. <i>PLoS ONE</i> , 2013, 8, e52919.	1.1	48
113	<i>bla</i> _{CTX-M-27} Encoding <i>Escherichia coli</i> Sequence Type 131 Lineage C1-M27 Clone in Clinical Isolates, Germany. <i>Emerging Infectious Diseases</i> , 2017, 23, 1754-1756.	2.0	48
114	Listeriolysin generates a route for the presentation of exogenous antigens by major histocompatibility complex class I. <i>European Journal of Immunology</i> , 1995, 25, 2967-2971.	1.6	47
115	Outbreak of a novel <i>Enterobacter</i> sp. carrying <i>bla</i> _{CTX-M-15} in a neonatal unit of a tertiary care hospital in Tanzania. <i>International Journal of Antimicrobial Agents</i> , 2011, 38, 265-9.	1.1	46
116	PKC-Dependent Phosphorylation of eNOS at T495 Regulates eNOS Coupling and Endothelial Barrier Function in Response to G _s -Toxins. <i>PLoS ONE</i> , 2014, 9, e99823.	1.1	46
117	Human dendritic cells infected by <i>Listeria monocytogenes</i> : induction of maturation, requirements for phagolysosomal escape and antigen presentation capacity. <i>European Journal of Immunology</i> , 2000, 30, 3447-3456.	1.6	45
118	Mutations affecting hemolysin production in <i>Listeria monocytogenes</i> located outside the listeriolysin gene. <i>FEMS Microbiology Letters</i> , 1989, 65, 23-29.	0.7	42
119	Human Infective Endocarditis Caused by <i>Streptococcus suis</i> Serotype 2. <i>Journal of Clinical Microbiology</i> , 2005, 43, 4898-4901.	1.8	42
120	Autophagy targeting of <i>Listeria monocytogenes</i> and the bacterial countermeasure. <i>Autophagy</i> , 2011, 7, 310-314.	4.3	42
121	Nucleotide sequence of the listeriolysin gene from a <i>Listeria monocytogenes</i> serotype 1/2a strain. <i>Nucleic Acids Research</i> , 1989, 17, 6406-6406.	6.5	41
122	FimE-catalyzed off-to-on inversion of the type 1 fimbrial phase switch and insertion sequence recruitment in an <i>Escherichia coli</i> K-12 <i>fimB</i> strain. <i>FEMS Microbiology Letters</i> , 2000, 182, 319-325.	0.7	40
123	TAP-dependent major histocompatibility complex class I presentation of soluble proteins using listeriolysin. <i>European Journal of Immunology</i> , 1997, 27, 1353-1359.	1.6	39
124	Identification and Characterization of T5-Like Bacteriophages Representing Two Novel Subgroups from Food Products. <i>Frontiers in Microbiology</i> , 2018, 9, 202.	1.5	39
125	Pas, a Novel Protein Required for Protein Secretion and Attaching and Effacing Activities of Enterohemorrhagic <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1998, 180, 4370-4379.	1.0	39
126	Host gene expression profiling in pathogen-host interactions. <i>Current Opinion in Immunology</i> , 2006, 18, 422-429.	2.4	38

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127	In Vivo Application of Histone Deacetylase Inhibitor Trichostatinâ€ Impairs Murine Male Meiosis. <i>Journal of Andrology</i> , 2008, 29, 172-185.	2.0	38
128	Bacterial Outer Membrane Vesicles (OMVs)-Based Dual Vaccine for Influenza A H1N1 Virus and MERS-CoV. <i>Vaccines</i> , 2019, 7, 46.	2.1	38
129	Multidrug-Resistant and Clinically Relevant Gram-Negative Bacteria Are Present in German Surface Waters. <i>Frontiers in Microbiology</i> , 2019, 10, 2779.	1.5	38
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