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List of Publications by Year
in descending order

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42 papers	2,799 citations	201658 27 h-index	265191 42 g-index
44 all docs	44 docs citations	44 times ranked	2697 citing authors

#	Article	IF	Citations
1	Sensing structural intermediates in bacterial flagellar assembly by export of a negative regulator. Science, 1993, 262, 1277-1280.	12.6	477
2	The C-terminal half of the anti-sigma factor, FlgM, becomes structured when bound to its target, Ïƒ28. Nature Structural Biology, 1997, 4, 285-291.	9.7	174
3	Completion of the hook-basal body complex of the Salmonella typhimurium flagellum is coupled to FlgM secretion and fliC transcription. Molecular Microbiology, 2000, 37, 1220-1231.	2.5	169
4	Biosynthesis and IroCâ€dependent export of the siderophore salmochelin are essential for virulence of Salmonella enterica serovar Typhimurium. Molecular Microbiology, 2008, 67, 971-983.	2.5	164
5	Identification of New Flagellar Genes of Salmonella enterica Serovar Typhimurium. Journal of Bacteriology, 2006, 188, 2233-2243.	2.2	140
6	Translation/Secretion Coupling by Type III Secretion Systems. Cell, 2000, 102, 487-497.	28.9	127
7	Humanized nonobese diabetic-scid IL2rÎ³^{null}mice are susceptible to lethalSalmonellaTyphi infection. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15589-15594.	7.1	122
8	Multiple Targets of Nitric Oxide in the Tricarboxylic Acid Cycle of Salmonella enterica Serovar Typhimurium. Cell Host and Microbe, 2011, 10, 33-43.	11.0	112
9	Î»â€Red Genetic Engineering in Salmonella enterica serovar Typhimurium. Methods in Enzymology, 2007, 421, 199-209.	1.0	104
10	FliK regulates flagellar hook length as an internal ruler. Molecular Microbiology, 2007, 64, 1404-1415.	2.5	92
11	The phage shock protein PspA facilitates divalent metal transport and is required for virulence of Salmonella enterica sv. Typhimurium. Molecular Microbiology, 2010, 78, 669-685.	2.5	88
12	The NsrR regulon in nitrosative stress resistance of Salmonella enterica serovar Typhimurium. Molecular Microbiology, 2012, 85, 1179-1193.	2.5	80
13	Evolution of Salmonella enterica Virulence via Point Mutations in the Fimbrial Adhesin. PLoS Pathogens, 2012, 8, e1002733.	4.7	73
14	The flagellar-specific transcription factor, Â28, is the Type III secretion chaperone for the flagellar-specific anti-Â28 factor FlgM. Genes and Development, 2006, 20, 2315-2326.	5.9	70
15	Loss of Multicellular Behavior in Epidemic African Nontyphoidal Salmonella enterica Serovar Typhimurium ST313 Strain D23580. MBio, 2016, 7, e02265.	4.1	67
16	Simultaneous purification of DNA and RNA from small numbers of eukaryotic cells. Analytical Biochemistry, 1989, 180, 303-306.	2.4	64
17	The mechanism of outer membrane penetration by the eubacterial flagellum and implications for spirochete evolution. Genes and Development, 2007, 21, 2326-2335.	5.9	62
18	Flk prevents premature secretion of the anti-sigma factor FlgM into the periplasm. Molecular Microbiology, 2006, 60, 630-643.	2.5	52

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19	Host Nitric Oxide Disrupts Microbial Cell-to-Cell Communication to Inhibit Staphylococcal Virulence. Cell Host and Microbe, 2018, 23, 594-606.e7.	11.0	43
20	Genome-wide Analysis of Salmonella enterica serovar Typhi in Humanized Mice Reveals Key Virulence Features. Cell Host and Microbe, 2019, 26, 426-434.e6.	11.0	42
21	The Rcs-Regulated Colanic Acid Capsule Maintains Membrane Potential in Salmonella enterica serovar Typhimurium. MBio, 2017, 8, .	4.1	38
22	Distinct Roles of the Salmonella enterica Serovar Typhimurium CyaY and YggX Proteins in the Biosynthesis and Repair of Iron-Sulfur Clusters. Infection and Immunity, 2014, 82, 1390-1401.	2.2	37
23	Regulatory protein that inhibits both synthesis and use of the target protein controls flagellar phase variation in Salmonella enterica. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11340-11345.	7.1	36
24	Flk Couples flgM Translation to Flagellar Ring Assembly in Salmonella typhimurium. Journal of Bacteriology, 1998, 180, 5384-5397.	2.2	35
25	The Use of Whole-cell DNA Probes for the Identification of Bacteroides intermedius Isolates in a Dot Blot Assay. Journal of Dental Research, 1988, 67, 1267-1270.	5.2	34
26	Dopamine Is a Siderophore-Like Iron Chelator That Promotes Salmonella enterica Serovar Typhimurium Virulence in Mice. MBio, 2019, 10, .	4.1	32
27	Nitric Oxide Disrupts Zinc Homeostasis in Salmonella enterica Serovar Typhimurium. MBio, 2018, 9, .	4.1	30
28	Transcriptional and Translational Control of the Salmonella fliC Gene. Journal of Bacteriology, 2006, 188, 4487-4496.	2.2	29
29	Developmental regulation of fetal to adult globin gene switching in human fetal erythroid Ã— mouse erythroleukemia cell hybrids. Developmental Biology, 1991, 148, 129-137.	2.0	28
30	Genetic Transplantation: Salmonella enterica Serovar Typhimurium as a Host To Study Sigma Factor and Anti-Sigma Factor Interactions in GeneticallyIntractable Systems. Journal of Bacteriology, 2006, 188, 103-114.	2.2	27
31	The Evolution of SlyA/RovA Transcription Factors from Repressors to Countersilencers in Enterobacteriaceae. MBio, 2019, 10, .	4.1	26
32	Antibacterial hemolymph proteins of Manduca sexta. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1986, 83, 125-133.	0.2	20
33	Erythropoietin changes the globin program of an interleukin 3-dependent multipotential cell line.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 9091-9095.	7.1	18
34	Analysis of the Developmental and Transcriptional Potentiation Functions of 5â€²HS2 of the Murine Î²-Globin Locus Control Region in Transgenic Mice. Developmental Biology, 1994, 165, 574-584.	2.0	15
35	Translation Inhibition of the Salmonella fliC Gene by the fliC 5â€² Untranslated Region, fliC Coding Sequences, and FlgM. Journal of Bacteriology, 2006, 188, 4497-4507.	2.2	15
36	A Little Gene with Big Effects: a serT Mutant Is Defective in flgM Gene Translation. Journal of Bacteriology, 2006, 188, 297-304.	2.2	11

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37	Manganese import protectsSalmonella entericaserovar Typhimurium against nitrosative stress. Metallomics, 2020, 12, 1791-1801.	2.4	11
38	Genomic Screening for Regulatory Genes Using the Tâ€POP Transposon. Methods in Enzymology, 2007, 421, 159-167.	1.0	10
39	The immune proteins of the darking beetle, Eleodes (Coleoptera: Tenebrionidae). Journal of Invertebrate Pathology, 1986, 47, 234-235.	3.2	8
40	Regulation and synthesis of selected bacteria-induced proteins in Manduca sexta. Insect Biochemistry and Molecular Biology, 1992, 22, 321-331.	2.7	7
41	Cyclopropane Fatty Acids Are Important for Salmonella enterica Serovar Typhimurium Virulence. Infection and Immunity, 2022, 90, IAI0047921.	2.2	7
42	Propargylglycine-based antimicrobial compounds are targets of TolC-dependent efflux systems in Escherichia coli. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126875.	2.2	3