Lydia M Bogomolnaya

List of Publications by Year
in descending order

32 papers	867 citations	516710 16 h-index	501196 28 g-index
32 all docs	32 docs citations	32 times ranked	1487 citing authors

#	Article	IF	Citations
1	The ABC-Type Efflux Pump MacAB Is Involved in Protection of Serratia marcescens against Aminoglycoside Antibiotics, Polymyxins, and Oxidative Stress. MSphere, 2021, 6, .	2.9	22
2	Helicobacter pylori and Its Antibiotic Heteroresistance: A Neglected Issue in Published Guidelines. Frontiers in Microbiology, 2019, 10, 1796.	3.5	27
3	Genome Sequence of Pigmented Siderophore-Producing Strain Serratia marcescens SM6. Microbiology Resource Announcements, 2019, 8, .	0.6	13
4	Deciphering the Enzymatic Function of the Bovine Enteric Infection-Related Protein YfeJ from Salmonella enterica Serotype Typhimurium. Biochemistry, 2019, 58, 1236-1245.	2.5	2
5	<i>Salmonella</i> Pathogenicity Island 1 Is Expressed in the Chicken Intestine and Promotes Bacterial Proliferation. Infection and Immunity, 2019, 87, .	2.2	11
6	The Salmonella type-3 secretion system-1 and flagellar motility influence the neutrophil respiratory burst. PLoS ONE, 2018, 13, e0203698.	2.5	14
7	Contribution of Asparagine Catabolism to Salmonella Virulence. Infection and Immunity, 2017, 85, .	2.2	13
8	Effects of<i>Bacillus</i>Serine Proteases on the Bacterial Biofilms. BioMed Research International, 2017, 2017, 1-10.	1.9	37
9	De novo pyrimidine synthesis is necessary for intestinal colonization of Salmonella Typhimurium in chicks. PLoS ONE, 2017, 12, e0183751.	2.5	12
10	Generalized Bacteriophage Transduction in Serratia marcescens. BioNanoScience, 2016, 6, 487-489.	3.5	1
11	Inactivation of Chromosomal Genes in Serratia marcescens. BioNanoScience, 2016, 6, 376-378.	3.5	3
12	Production of Siderophores by Serratia marcescens and the Role of MacAB Efflux Pump in Siderophores Secretion. BioNanoScience, 2016, 6, 480-482.	3.5	13
13	Virulence of Pigmented Serratia marcescens Strain SM6 and its Nalidixic Acid-Resistant Derivative in White Outbred Mice. BioNanoScience, 2016, 6, 447-449.	3.5	0
14	Novel Two-Step Hierarchical Screening of Mutant Pools Reveals Mutants under Selection in Chicks. Infection and Immunity, 2016, 84, 1226-1238.	2.2	10
15	Multicopy Single-Stranded DNA Directs Intestinal Colonization of Enteric Pathogens. PLoS Genetics, 2015, 11, e1005472.	3.5	22
16	Identification of Novel Factors Involved in Modulating Motility of Salmonella enterica Serotype Typhimurium. PLoS ONE, 2014, 9, e111513.	2.5	45
17	Defined Single-Gene and Multi-Gene Deletion Mutant Collections in Salmonella enterica sv Typhimurium. PLoS ONE, 2014, 9, e99820.	2.5	140
18	The <scp>EAL</scp> domain containing protein <scp>STM</scp>2215 (rtn) is needed during <i><scp>S</scp>almonella</i> infection and has cyclic diâ€‹<scp>GMP</scp> phosphodiesterase activity. Molecular Microbiology, 2013, 89, 403-419.	2.5	15

#	Article	IF	Citations
19	The ABC-Type Efflux Pump MacAB Protects Salmonella enterica serovar Typhimurium from Oxidative Stress. MBio, 2013, 4, e00630-13.	4.1	86
20	Novel Determinants of Intestinal Colonization of Salmonella enterica Serotype Typhimurium Identified in Bovine Enteric Infection. Infection and Immunity, 2013, 81, 4311-4320.	2.2	21
21	L-Asparaginase II Produced by Salmonella Typhimurium Inhibits T Cell Responses and Mediates Virulence. Cell Host and Microbe, 2012, 12, 791-798.	11.0	72
22	Abrogation of the Twin Arginine Transport System in Salmonella enterica Serovar Typhimurium Leads to Colonization Defects during Infection. PLoS ONE, 2011, 6, e15800.	2.5	30
23	Subspecies IIIa and IIIb Salmonellae Are Defective for Colonization of Murine Models of Salmonellosis Compared to <i>Salmonella enterica</i> subsp. I Serovar Typhimurium. Journal of Bacteriology, 2009, 191, 2843-2850.	2.2	18
24	â€˜Form variationâ€™ of the O12 antigen is critical for persistence of <i>Salmonella</i> Typhimurium in the murine intestine. Molecular Microbiology, 2008, 70, 1105-1119.	2.5	80
25	A comparison of cecal colonization of Salmonella enterica serotype Typhimurium in white leghorn chicks and Salmonella-resistant mice. BMC Microbiology, 2008, 8, 182.	3.3	33
26	An Increase in Mitochondrial DNA Promotes Nuclear DNA Replication in Yeast. PLoS Genetics, 2008, 4, e1000047.	3.5	31
27	Roles of the RAM signaling network in cell cycle progression in Saccharomyces cerevisiae. Current Genetics, 2006, 49, 384-392.	1.7	20
28	A role for KEM1 at the START of the cell cycle in Saccharomyces cerevisiae. Current Genetics, 2005, 48, 300-309.	1.7	2
29	Bem1p, a scaffold signaling protein, mediates cyclin-dependent control of vacuolar homeostasis in Saccharomyces cerevisiae. Genes and Development, 2005, 19, 2606-2618.	5.9	34
30	Gid8p (Dcr1p) and Dcr2p Function in a Common Pathway To Promote START Completion in Saccharomyces cerevisiae. Eukaryotic Cell, 2004, 3, 1627-1638.	3.4	15
31	A new enrichment approach identifies genes that alter cell cycle progression in Saccharomyces cerevisiae. Current Genetics, 2004, 45, 350-359.	1.7	17
32	Hym1p affects cell cycle progression in Saccharomyces cerevisiae. Current Genetics, 2004, 46, 183-192.	1.7	8