Stanley R Maloy

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2346814/publications.pdf

Version: 2024-02-01

110 papers	3,264 citations	172207 29 h-index	168136 53 g-index
121 all docs	121 docs citations	121 times ranked	2549 citing authors

#	Article	IF	Citations
1	Selection for loss of tetracycline resistance by Escherichia coli. Journal of Bacteriology, 1981, 145, 1110-1111.	1.0	645
2	Comparative genomics of closely related salmonellae. Trends in Microbiology, 2002, 10, 94-99.	3.5	193
3	Salmonella enterica Serovar Typhi Possesses a Unique Repertoire of Fimbrial Gene Sequences. Infection and Immunity, 2001, 69, 2894-2901.	1.0	166
4	Genetic regulation of the glyoxylate shunt in Escherichia coli K-12. Journal of Bacteriology, 1982, 149, 173-180.	1.0	144
5	PutA protein, a membrane-associated flavin dehydrogenase, acts as a redox-dependent transcriptional regulator.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 4295-4298.	3.3	120
6	Barriers to recombination between closely related bacteria: MutS and RecBCD inhibit recombination between Salmonella typhimurium and Salmonella typhi. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 9786-9791.	3.3	98
7	A role for Salmonella fimbriae in intraperitoneal infections. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 1258-1262.	3.3	95
8	Elevated levels of glyoxylate shunt enzymes in Escherichia coli strains constitutive for fatty acid degradation. Journal of Bacteriology, 1980, 143, 720-725.	1.0	90
9	Regulation of proline utilization in Salmonella typhimurium: a membrane-associated dehydrogenase binds DNA in vitro. Journal of Bacteriology, 1991, 173, 211-219.	1.0	85
10	One Health and Food-Borne Disease: <i>Salmonella</i> Transmission between Humans, Animals, and Plants. Microbiology Spectrum, 2014, 2, OH-0020-2013.	1.2	78
11	Proposal of Cyclobacterium marinus gen. nov., comb. nov. for a Marine Bacterium Previously Assigned to the Genus Flectobacillus. International Journal of Systematic Bacteriology, 1990, 40, 337-347.	2.8	70
12	Inactivation of mismatch repair overcomes the barrier to transduction between Salmonella typhimurium and Salmonella typhi. Journal of Bacteriology, 1994, 176, 1527-1529.	1.0	68
13	Regulation of gene expression by repressor localization: biochemical evidence that membrane and DNA binding by the PutA protein are mutually exclusive. Journal of Bacteriology, 1997, 179, 2788-2791.	1.0	65
14	Autogenous regulation of gene expression. Journal of Bacteriology, 1993, 175, 307-316.	1.0	52
15	Role of gene fadR in Escherichia coli acetate metabolism. Journal of Bacteriology, 1981, 148, 83-90.	1.0	52
16	Proline Dehydrogenase Activity of the Transcriptional Repressor PutA Is Required for Induction of the put Operon by Proline (âˆ—). Journal of Biological Chemistry, 1995, 270, 9819-9827.	1.6	50
17	CheB is required for behavioural responses to negative stimuli during chemotaxis in Bacillus subtilis. Molecular Microbiology, 2000, 35, 44-57.	1.2	50
18	Regulation of proline utilization in Salmonella typhimurium: Molecular characterization of the put operon, and DNA sequence of the put control region. Molecular Genetics and Genomics, 1988, 213, 125-133.	2.4	49

#	Article	IF	Citations
19	Regulation of proline utilization in enteric bacteria: cloning and characterization of the Klebsiella put control region. Journal of Bacteriology, 1991, 173, 783-790.	1.0	45
20	Role of bacteriophage-encoded exotoxins in the evolution of bacterial pathogens. Future Microbiology, 2011, 6, 1461-1473.	1.0	45
21	Increasing DNA Transfer Efficiency by Temporary Inactivation of Host Restriction. BioTechniques, 1999, 26, 892-900.	0.8	42
22	Protein phosphorylation on serine, threonine, and tyrosine residues modulates membrane-protein interactions and transcriptional regulation in Salmonella typhimurium.. Genes and Development, 1995, 9, 2034-2041.	2.7	41
23	Genomic Comparison of the Closely-Related Salmonella enterica Serovars Enteritidis, Dublin and Gallinarum. PLoS ONE, 2015, 10, e0126883.	1.1	39
24	MudSacI, a transposon with strong selectable and counterselectable markers: use for rapid mapping of chromosomal mutations in Salmonella typhimurium. Journal of Bacteriology, 1995, 177, 1383-1387.	1.0	37
25	The PutA Protein ofSalmonella typhimuriumCatalyzes the Two Steps of Proline Degradation via a Leaky Channel. Archives of Biochemistry and Biophysics, 1998, 354, 281-287.	1.4	36
26	Phylogenetic Placement of the Spirosomaceae. Systematic and Applied Microbiology, 1990, 13, 19-23.	1.2	35
27	Genomic Rearrangements at <i>rrn</i> Operons in Salmonella. Genetics, 2003, 165, 951-959.	1.2	35
28	One Healthâ€”Attaining Optimal Health for People, Animals, and the Environment. Microbe Magazine, 2010, 5, 383-389.	0.4	33
29	The era of microbiology: a golden phoenix. International Microbiology, 2006, 9, 1-7.	1.1	32
30	Survival in a cruel world: how Vibrio cholerae and Salmonella respond to an unwilling host.. Genes and Development, 1997, 11, 1761-1774.	2.7	31
31	Regulation of flavin dehydrogenase compartmentalization: requirements for PutAâ€“membrane association in Salmonella typhimurium. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1421, 5-18.	1.4	30
32	Transport of Phage P22 DNA across the Cytoplasmic Membrane. Journal of Bacteriology, 2009, 191, 135-140.	1.0	30
33	Isolation and characterization of Salmonella typhimurium glyoxylate shunt mutants. Journal of Bacteriology, 1987, 169, 3029-3034.	1.0	29
34	Proline transport in Salmonella typhimurium: putP permease mutants with altered substrate specificity. Journal of Bacteriology, 1986, 168, 590-594.	1.0	28
35	Chromosomal Rearrangements in Salmonella enterica Serovar Typhi Strains Isolated from Asymptomatic Human Carriers. MBio, 2011, 2, e00060-11.	1.8	27
36	Effect of mutS and recD Mutations on Salmonella Virulence. Infection and Immunity, 1999, 67, 6168-6172.	1.0	24

#	Article	IF	Citations
37	An Open Letter to Elias Zerhouni. Science, 2005, 307, 1409c-1410c.	6.0	23
38	DNA sequence of theputAgene fromSalmonella typhimurium: a bifunctional membrane-associated dehydrogenase that binds DNA. Nucleic Acids Research, 1993, 21, 1676-1676.	6.5	22
39	A cryptic proline permease in Salmonella typhimurium. Microbiology (United Kingdom), 1997, 143, 2903-2911.	0.7	22
40	Mutations of putP that alter the lithium sensitivity of Salmonella typhimurium. Molecular Microbiology, 1988, 2, 749-755.	1.2	21
41	Macrophages influence Salmonella host-specificity in vivo. Microbial Pathogenesis, 2009, 47, 212-222.	1.3	21
42	Genomic analysis and growth-phase-dependent regulation of the SEF14 fimbriae of Salmonella enterica serovar Enteritidis The GenBank accession number for the sequence reported in this paper is AF239978.. Microbiology (United Kingdom), 2001, 147, 2705-2715.	0.7	21
43	Integration host factor facilitates repression of the put operon in Salmonella typhimurium. Gene, 1992, 118, 13-19.	1.0	20
44	Acetohydroxy acid synthase I is required for isoleucine and valine biosynthesis by Salmonella typhimurium LT2 during growth on acetate or long-chain fatty acids. Journal of Bacteriology, 1987, 169, 917-919.	1.0	19
45	Sequence analysis of theicIRgene encoding the repressor of the acetate operon inSalmonella typhimurium. Nucleic Acids Research, 1990, 18, 3656-3656.	6.5	19
46	Pigeon-Associated Strains of Salmonella enterica Serovar Typhimurium Phage Type DT2 Have Genomic Rearrangements at rRNA Operons. Infection and Immunity, 2004, 72, 7338-7341.	1.0	18
47	Sodium-Coupled Cotransport. , 1990, , 203-224.		18
48	Regulation of proline utilization in Salmonella typhimurium: How do cells avoid a futile cycle?. Molecular Genetics and Genomics, 1990, 220, 492-494.	2.4	17
49	REGULATION OF THE <i>put</i> OPERON IN <i>SALMONELLA TYPHIMURIUM</i>: CHARACTERIZATION OF PROMOTER AND OPERATOR MUTATIONS. Genetics, 1986, 114, 687-703.	1.2	17
50	Rapid Approach To Determine rrn Arrangement in Salmonella Serovars. Applied and Environmental Microbiology, 2001, 67, 3295-3298.	1.4	16
51	Genetic Analysis, Using P22 Challenge Phage, of the Nitrogen Activator Protein DNA-Binding Site in the <i>Klebsiella aerogenes put</i> Operon. Journal of Bacteriology, 1998, 180, 571-577.	1.0	16
52	Family Spirosomaceae: Gram-Negative Ring-Forming Aerobic Bacteria. Critical Reviews in Microbiology, 1990, 17, 329-364.	2.7	14
53	DNA Sequence of theputPgene fromSalmonella typhimuriumand predicted structure of proline permease. Nucleic Acids Research, 1990, 18, 3057-3057.	6.5	13
54	Use of Operon and Gene Fusions to Study Gene Regulation in Salmonella. Methods in Enzymology, 2007, 421, 140-158.	0.4	12

#	Article	IF	Citations
55	Chromosomal Rearrangements Formed by rrn Recombination Do Not Improve Replichore Balance in Host-Specific Salmonella enterica Serovars. PLoS ONE, 2010, 5, e13503.	1.1	12
56	Substrate recognition by proline permease in Salmonella. Amino Acids, 2001, 21, 161-174.	1.2	11
57	Reservoir of Bacterial Exotoxin Genes in the Environment. International Journal of Microbiology, 2010, 2010, 1-10.	0.9	11
58	Fitness Effects of Replichore Imbalance in <i>Salmonella enterica</i>. Journal of Bacteriology, 2010, 192, 6086-6088.	1.0	10
59	Dissecting the molecular mechanism of ion-solute cotransport: Substrate specificity mutations in theputP gene affect the kinetics of proline transport. Journal of Membrane Biology, 1991, 121, 201-214.	1.0	9
60	Bacteriophage-encoded shiga toxin gene in atypical bacterial host. Gut Pathogens, 2011, 3, 10.	1.6	9
61	The Future of One Health. Microbiology Spectrum, 2014, 2, OH-0018-2012.	1.2	9
62	Surrogate Genetics: The Use of Bacterial Hybrids as a Genetic Tool. Methods, 2000, 20, 73-79.	1.9	8
63	One Health and Food-Borne Disease:<i>Salmonella</i>Transmission between Humans, Animals, and Plants. , 0, , 137-148.		7
64	Activation of a new proline transport system in Salmonella typhimurium. Journal of Bacteriology, 1990, 172, 2940-2945.	1.0	6
65	Use of Antibioticâ€Resistant Transposons for Mutagenesis. Methods in Enzymology, 2007, 421, 11-17.	0.4	5
66	Inside or Outside: Detecting the Cellular Location of Bacterial Pathogens. BioTechniques, 2001, 30, 304-311.	0.8	4
67	The Role of Phage in the Adaptation of Bacteria to New Environmental Niches. Grand Challenges in Biology and Biotechnology, 2018, , 267-306.	2.4	4
68	Strain Collections and Genetic Nomenclature. Methods in Enzymology, 2007, 421, 3-8.	0.4	3
69	Genomic and Metagenomic Approaches for Predicting Pathogen Evolution. Microbiology Spectrum, 2014, 2, OH-0019-2013.	1.2	3
70	Opening doors for diverse talent in biotechnology with the BIO I-Corps experience. Nature Biotechnology, 2020, 38, 1099-1102.	9.4	3
71	The ASM Journals Committee Values the Contributions of Black Microbiologists. MBio, 2020, 11, .	1.8	3
72	Computer programs for the rapid determination of enzyme kinetics on MS-DOS compatible microcomputers. Bioinformatics, 1990, 6, 63-65.	1.8	2

#	Article	IF	Citations
73	Purification of a hexahistidine-tagged protein using L-histidine as the eluent. Technical Tips Online, 1998, 3, 54-55.	0.2	2
74	Use of P22 challenge phage to identify protein-nucleic acid binding sites. Technical Tips Online, 1998, 3, 111-119.	0.2	2
75	Dissecting Nucleic Acidâ€"Protein Interactions Using Challenge Phage. Methods in Enzymology, 2007, 421, 227-249.	0.4	2
76	Mudâ€P22. Methods in Enzymology, 2007, 421, 249-259.	0.4	2
77	The ASM Journals Committee Values the Contributions of Black Microbiologists. Journal of Microbiology and Biology Education, 2020, 21, .	0.5	2
78	Genome Rearrangements in Salmonella. , 0, , 41-48.		2
79	Eye of newt and toe of frog. Trends in Genetics, 1999, 15, 250.	2.9	1
80	Facile approach for constructing TEV insertions to probe protein structure in vivo. BioTechniques, 2006, 41, 721-724.	0.8	1
81	Localized Mutagenesis. Methods in Enzymology, 2007, 421, 42-50.	0.4	1
82	Isolation of Transposon Insertions. Methods in Enzymology, 2007, 421, 35-42.	0.4	1
83	Bacterial Genetics. , 2013, , 317-325.		1
84	The ASM Journals Committee Values the Contributions of Black Microbiologists. Journal of Clinical Microbiology, 2020, 58, .	1.8	1
85	Climate change and microbes. , 2021, , 195-203.		1
86	Phage and Bacterial Genetics at Cold Spring Harbor Laboratory. , 0, , 23-25.		1
87	Genomic and Metagenomic Approaches for Predicting Pathogen Evolution. , 0, , 227-235.		1
88	The ASM Journals Committee Values the Contributions of Black Microbiologists. Applied and Environmental Microbiology, 2020, 86, .	1.4	1
89	The ASM Journals Committee Values the Contributions of Black Microbiologists. MSphere, 2020, 5, .	1.3	1
90	The 2009 Thomas Hunt Morgan Medal. Genetics, 2009, 181, 823-825.	1.2	1

#	Article	IF	Citations
91	The ASM Journals Committee Values the Contributions of Black Microbiologists. Clinical Microbiology Reviews, 2020, 33, .	5.7	1
92	Computer programs for the rapid determination of enzyme kinetics on MS-DOS compatible microcomputers. Bioinformatics, 1990, 6, 51-53.	1.8	0
93	Examining E. Coli Escherichia coli: Mechanisms of Virulence Max Sussman. BioScience, 1998, 48, 322-324.	2.2	0
94	Chapter 4 Bacterial genetics. Principles of Medical Biology, 1998, , 41-63.	0.1	0
95	Evolution of microbial pathogens. Trends in Genetics, 2000, 16, 115.	2.9	0
96	The importance of complete genome sequences. Trends in Microbiology, 2002, 10, 220.	3.5	0
97	REMEMBRANCE: Robert W. Simons. Molecular Microbiology, 2019, 112, 333-334.	1.2	0
98	The ASM Journals Committee Values the Contributions of Black Microbiologists. Infection and Immunity, 2020, 88, .	1.0	0
99	The ASM Journals Committee Values the Contributions of Black Microbiologists. Microbiology Spectrum, 2020, 8, .	1.2	0
100	The ASM Journals Committee Values the Contributions of Black Microbiologists. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	0
101	The ASM Journals Committee Values the Contributions of Black Microbiologists. Journal of Virology, 2020, 94, .	1.5	0
102	The ASM Journals Committee Values the Contributions of Black Microbiologists. Journal of Bacteriology, 2020, 202, .	1.0	0
103	The ASM Journals Committee Values the Contributions of Black Microbiologists. Microbiology and Molecular Biology Reviews, 2020, 84, .	2.9	0
104	The ASM Journals Committee Values the Contributions of Black Microbiologists. MSystems, 2020, 5, .	1.7	0
105	The ASM Journals Committee Values the Contributions of Black Microbiologists. Microbiology Resource Announcements, 2020, 9, .	0.3	0
106	The Future of One Health. , 0, , 303-306.		0
107	Emerging Infectious Diseases of Wildlife and Species Conservation. , 0, , 67-79.		0
108	John Roth's Paths and Pathways. , 0, , 1-7.		0

#	Article	IF	Citations
109	Control of Gene Expression by Compartmentalization: the<i>put</i>Operon. , 0, , 55-63.		0
110	The ASM Journals Committee Values the Contributions of Black Microbiologists. Molecular and Cellular Biology, 2020, 40, .	1.1	0