Greg A Somerville

List of Publications by Year
in descending order

56 papers	3,838 citations	109264 35 h-index	175177 52 g-index
57 all docs	57 docs citations	57 times ranked	4031 citing authors

#	Article	IF	Citations
1	Human Serum Alters the Metabolism and Antibiotic Susceptibility of <i>Staphylococcus aureus</i>. Journal of Proteome Research, 2022, 21, 1467-1474.	1.8	3
2	Impact of the Histidine-Containing Phosphocarrier Protein HPr on Carbon Metabolism and Virulence in Staphylococcus aureus. Microorganisms, 2021, 9, 466.	1.6	9
3	Metabolic changes associated with adaptive resistance to daptomycin in Streptococcus mitis-oralis. BMC Microbiology, 2020, 20, 162.	1.3	8
4	ClpC affects the intracellular survival capacity of Staphylococcus aureus in non-professional phagocytic cells. Scientific Reports, 2019, 9, 16267.	1.6	13
5	Metabolic interventions for the prevention and treatment of daptomycin non-susceptibility in Staphylococcus aureus. Journal of Antimicrobial Chemotherapy, 2019, 74, 2274-2283.	1.3	22
6	Metabolic Mitigation of Staphylococcus aureus Vancomycin Intermediate-Level Susceptibility. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	32
7	Coordinated regulation of transcription by CcpA and the Staphylococcus aureus two-component system HptRS. PLoS ONE, 2018, 13, e0207161.	1.1	13
8	Cytolytic toxin production by Staphylococcus aureus is dependent upon the activity of the protoheme IX farnesyltransferase. Scientific Reports, 2017, 7, 13744.	1.6	10
9	CcpA Affects Infectivity of Staphylococcus aureus in a Hyperglycemic Environment. Frontiers in Cellular and Infection Microbiology, 2017, 7, 172.	1.8	22
10	Genome Sequence of Streptomyces aureofaciens ATCC Strain 10762. Genome Announcements, 2016, 4, .	0.8	2
11	Staphylococcus aureus Metabolism and Physiology. , 2016, , 107-118.		2
12	Regulating the Intersection of Metabolism and Pathogenesis in Gram-positive Bacteria. Microbiology Spectrum, 2015, 3, .	1.2	110
13	Regulating the Intersection of Metabolism and Pathogenesis in Gram-positive Bacteria. , 2015, , 129-165.		2
14	Staphylococcus aureus Metabolic Adaptations during the Transition from a Daptomycin Susceptibility Phenotype to a Daptomycin Nonsusceptibility Phenotype. Antimicrobial Agents and Chemotherapy, 2015, 59, 4226-4238.	1.4	75
15	The Catabolite Control Protein E (CcpE) Affects Virulence Determinant Production and Pathogenesis of Staphylococcus aureus. Journal of Biological Chemistry, 2014, 289, 29701-29711.	1.6	27
16	Identification of Lowâ€Molecularâ€Weight Compounds Inhibiting Growth of Corynebacteria: Potential Lead Compounds for Antibiotics. ChemMedChem, 2014, 9, 282-285.	1.6	3
17	Influence of Iron and Aeration on Staphylococcus aureus Growth, Metabolism, and Transcription. Journal of Bacteriology, 2014, 196, 2178-2189.	1.0	55
18	Growth and Preparation of Staphylococcus epidermidis for NMR Metabolomic Analysis. Methods in Molecular Biology, 2014, 1106, 71-91.	0.4	8

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19	Reductive evolution and the loss of PDC/PAS domains from the genus Staphylococcus. BMC Genomics, 2013, 14, 524.	1.2	12
20	Catabolite Control Protein E (CcpE) Is a LysR-type Transcriptional Regulator of Tricarboxylic Acid Cycle Activity in Staphylococcus aureus. Journal of Biological Chemistry, 2013, 288, 36116-36128.	1.6	38
21	Cultivation conditions and the diffusion of oxygen into culture media: The rationale for the flask-to-medium ratio in microbiology. BMC Microbiology, 2013, 13, 9.	1.3	50
22	A Dysfunctional Tricarboxylic Acid Cycle Enhances Fitness of Staphylococcus epidermidis During Î²-Lactam Stress. MBio, 2013, 4, .	1.8	48
23	Revisiting Protocols for the NMR Analysis of Bacterial Metabolomes. Journal of Integrated OMICS, 2013, 3, 120-137.	0.5	39
24	Staphylococcal response to oxidative stress. Frontiers in Cellular and Infection Microbiology, 2012, 2, 33.	1.8	174
25	NMR Analysis of a Stress Response Metabolic Signaling Network. Journal of Proteome Research, 2011, 10, 3743-3754.	1.8	46
26	TCA cycle inactivation in Staphylococcus aureus alters nitric oxide production in RAW 264.7 cells. Molecular and Cellular Biochemistry, 2011, 355, 75-82.	1.4	10
27	RpiR Homologues May Link Staphylococcus aureus RNAIII Synthesis and Pentose Phosphate Pathway Regulation. Journal of Bacteriology, 2011, 193, 6187-6196.	1.0	48
28	CcpA coordinates central metabolism and biofilm formation in Staphylococcus epidermidis. Microbiology (United Kingdom), 2011, 157, 3458-3468.	0.7	60
29	Tricarboxylic Acid Cycle-Dependent Synthesis of <i>Staphylococcus aureus</i> Type 5 and 8 Capsular Polysaccharides. Journal of Bacteriology, 2010, 192, 1459-1462.	1.0	45
30	Direct Targets of CodY in <i>Staphylococcus aureus</i>. Journal of Bacteriology, 2010, 192, 2861-2877.	1.0	181
31	Using NMR Metabolomics to Investigate Tricarboxylic Acid Cycle-dependent Signal Transduction in Staphylococcus epidermidis. Journal of Biological Chemistry, 2010, 285, 36616-36624.	1.6	45
32	Direct Targets of CodY in <i>Staphylococcus aureus</i>. Journal of Bacteriology, 2010, 192, 4258-4258.	1.0	0
33	At the Crossroads of Bacterial Metabolism and Virulence Factor Synthesis in Staphylococci. Microbiology and Molecular Biology Reviews, 2009, 73, 233-248.	2.9	313
34	Tricarboxylic Acid Cycle-Dependent Attenuation of <i>Staphylococcus aureus</i> In Vivo Virulence by Selective Inhibition of Amino Acid Transport. Infection and Immunity, 2009, 77, 4256-4264.	1.0	66
35	<i>Staphylococcus aureus</i> ClpC ATPase is a late growth phase effector of metabolism and persistence. Proteomics, 2009, 9, 1152-1176.	1.3	38
36	<i>Staphylococcus epidermidis saeR</i> Is an Effector of Anaerobic Growth and a Mediator of Acute Inflammation. Infection and Immunity, 2008, 76, 141-152.	1.0	33

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37	Tricarboxylic Acid Cycle-Dependent Regulation of <i>Staphylococcus epidermidis</i> Polysaccharide Intercellular Adhesin Synthesis. Journal of Bacteriology, 2008, 190, 7621-7632.	1.0	73
38	<i>Staphylococcus aureus</i> CodY Negatively Regulates Virulence Gene Expression. Journal of Bacteriology, 2008, 190, 2257-2265.	1.0	168
39	Staphylococcus aureus Biofilm Metabolism and the Influence of Arginine on Polysaccharide Intercellular Adhesin Synthesis, Biofilm Formation, and Pathogenesis. Infection and Immunity, 2007, 75, 4219-4226.	1.0	123
40	Vancomycin-Intermediate Staphylococcus aureus Strains Have Impaired Acetate Catabolism: Implications for Polysaccharide Intercellular Adhesin Synthesis and Autolysis. Antimicrobial Agents and Chemotherapy, 2007, 51, 616-622.	1.4	41
41	Very Low Ethanol Concentrations Affect the Viability and Growth Recovery in Post-Stationary-Phase Staphylococcus aureus Populations. Applied and Environmental Microbiology, 2006, 72, 2627-2636.	1.4	43
42	Staphylococcus epidermidis Polysaccharide Intercellular Adhesin Production Significantly Increases during Tricarboxylic Acid Cycle Stress. Journal of Bacteriology, 2005, 187, 2967-2973.	1.0	102
43	Staphylococcus aureus ClpC Is Required for Stress Resistance, Aconitase Activity, Growth Recovery, and Death. Journal of Bacteriology, 2005, 187, 4488-4496.	1.0	95
44	Progress toward Characterization of the Group AStreptococcusMetagenome: Complete Genome Sequence of a Macrolideâ€Resistant Serotype M6 Strain. Journal of Infectious Diseases, 2004, 190, 727-738.	1.9	172
45	Growth Characteristics of Bartonella henselae in a Novel Liquid Medium: Primary Isolation, Growth-Phase-Dependent Phage Induction, and Metabolic Studies. Applied and Environmental Microbiology, 2004, 70, 656-663.	1.4	39
46	Quorumâ€Sensing Control of Biofilm Factors inStaphylococcus epidermidis. Journal of Infectious Diseases, 2003, 188, 706-718.	1.9	296
47	Response to the Letter submitted by R. Brooks Robey. Journal of Leukocyte Biology, 2003, 74, 309-310.	1.5	0
48	An apoptosis-differentiation program in human polymorphonuclear leukocytes facilitates resolution of inflammation. Journal of Leukocyte Biology, 2003, 73, 315-322.	1.5	69
49	Synthesis and Deformylation of Staphylococcus aureus Î´-Toxin Are Linked to Tricarboxylic Acid Cycle Activity. Journal of Bacteriology, 2003, 185, 6686-6694.	1.0	107
50	Glycerol-3-Phosphate Acquisition in Spirochetes: Distribution and Biological Activity of Glycerophosphodiester Phosphodiesterase (GlpQ) among Borrelia Species. Journal of Bacteriology, 2003, 185, 1346-1356.	1.0	65
51	Rgg Coordinates Virulence Factor Synthesis and Metabolism in Streptococcus pyogenes. Journal of Bacteriology, 2003, 185, 6016-6024.	1.0	88
52	Correlation of Acetate Catabolism and Growth Yield in Staphylococcus aureus : Implications for Host-Pathogen Interactions. Infection and Immunity, 2003, 71, 4724-4732.	1.0	117
53	Staphylococcus aureus Aconitase Inactivation Unexpectedly Inhibits Post-Exponential-Phase Growth and Enhances Stationary-Phase Survival. Infection and Immunity, 2002, 70, 6373-6382.	1.0	159
54	In Vitro Serial Passage of <i>Staphylococcus aureus</i> : Changes in Physiology, Virulence Factor Production, and <i>agr</i> Nucleotide Sequence. Journal of Bacteriology, 2002, 184, 1430-1437.	1.0	166

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55	Global differential gene expression in response to growth temperature alteration in group A Streptococcus. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 10416-10421.	3.3	195
56	Physiological Characterization of Pseudomonas aeruginosa during Exotoxin A Synthesis: Glutamate, Iron Limitation, and Aconitase Activity. Journal of Bacteriology, 1999, 181, 1072-1078.	1.0	56