

Mark S Paget

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,221
citations

279798

23
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

3259
citing authors

#	ARTICLE	IF	CITATIONS
1	Translational Control of the SigR-Directed Oxidative Stress Response in <i>Streptomyces</i> via IF3-Mediated Repression of a Noncanonical GTC Start Codon. <i>MBio</i> , 2017, 8, .	4.1	25
2	Bacterial Sigma Factors and Anti-Sigma Factors: Structure, Function and Distribution. <i>Biomolecules</i> , 2015, 5, 1245-1265.	4.0	274
3	Structural, functional, and genetic analyses of the actinobacterial transcription factor RbpA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7171-7176.	7.1	48
4	The actinobacterial transcription factor RbpA binds to the principal sigma subunit of RNA polymerase. <i>Nucleic Acids Research</i> , 2013, 41, 5679-5691.	14.5	42
5	The σ^R regulon of <i>Streptomyces coelicolor</i> A3(2) reveals a key role in protein quality control during disulphide stress. <i>Microbiology (United Kingdom)</i> , 2010, 156, 1661-1672.	1.8	50
6	The Zinc-Responsive Regulator Zur Controls Expression of the Coelibactin Gene Cluster in <i>Streptomyces coelicolor</i> . <i>Journal of Bacteriology</i> , 2010, 192, 608-611.	2.2	65
7	A signal transduction system in <i>Streptomyces coelicolor</i> that activates expression of a putative cell wall glycan operon in response to vancomycin and other cell wall-specific antibiotics. <i>Molecular Microbiology</i> , 2008, 69, 1069-1069.	2.5	1
8	Zinc-Responsive Regulation of Alternative Ribosomal Protein Genes in <i>Streptomyces coelicolor</i> Involves Zur and σ^R . <i>Journal of Bacteriology</i> , 2007, 189, 4078-4086.	2.2	68
9	Assignment of the Zinc Ligands in RsrA, a Redox-Sensing ZAS Protein from <i>Streptomyces coelicolor</i> . <i>Biochemistry</i> , 2006, 45, 8294-8300.	2.5	62
10	The RNA polymerase-binding protein RbpA confers basal levels of rifampicin resistance on <i>Streptomyces coelicolor</i> . <i>Molecular Microbiology</i> , 2006, 60, 687-696.	2.5	58
11	Characterization of an inducible vancomycin resistance system in <i>Streptomyces coelicolor</i> reveals a novel gene (<i>vanK</i>) required for drug resistance. <i>Molecular Microbiology</i> , 2004, 52, 1107-1121.	2.5	136
12	Bacterial redox sensors. <i>Nature Reviews Microbiology</i> , 2004, 2, 954-966.	28.6	362
13	A novel sensor of NADH/NAD ⁺ redox poise in <i>Streptomyces coelicolor</i> A3(2). <i>EMBO Journal</i> , 2003, 22, 4856-4865.	7.8	214
14	The Role of Zinc in the Disulphide Stress-regulated Anti-sigma Factor RsrA from <i>Streptomyces coelicolor</i> . <i>Journal of Molecular Biology</i> , 2003, 333, 461-472.	4.2	98
15	Thiol-Based Regulatory Switches. <i>Annual Review of Genetics</i> , 2003, 37, 91-121.	7.6	275
16	Identification and Structure of the Anti-sigma Factor-binding Domain of the Disulphide-stress Regulated Sigma Factor σ^R from <i>Streptomyces coelicolor</i> . <i>Journal of Molecular Biology</i> , 2002, 323, 225-236.	4.2	59
17	A signal transduction system in <i>Streptomyces coelicolor</i> that activates the expression of a putative cell wall glycan operon in response to vancomycin and other cell wall-specific antibiotics. <i>Molecular Microbiology</i> , 2002, 44, 1199-1211.	2.5	107
18	Mutational analysis of RsrA, a zinc-binding anti-sigma factor with a thiol-disulphide redox switch. <i>Molecular Microbiology</i> , 2001, 39, 1036-1047.	2.5	115

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19	Defining the disulphide stress response in <i>Streptomyces coelicolor</i> A3(2): identification of the sigmaR regulon. <i>Molecular Microbiology</i> , 2001, 42, 1007-1020.	2.5	171
20	Evidence that the Extracytoplasmic Function Sigma Factor σ^E Is Required for Normal Cell Wall Structure in <i>Streptomyces coelicolor</i> A3(2). <i>Journal of Bacteriology</i> , 1999, 181, 204-211.	2.2	395
21	A putative two-component signal transduction system regulates sigmaE, a sigma factor required for normal cell wall integrity in <i>Streptomyces coelicolor</i> A3(2). <i>Molecular Microbiology</i> , 1999, 33, 97-107.	2.5	98
22	RsrA, an anti-sigma factor regulated by redox change. <i>EMBO Journal</i> , 1999, 18, 4292-4298.	7.8	224
23	sigma R, an RNA polymerase sigma factor that modulates expression of the thioredoxin system in response to oxidative stress in <i>Streptomyces coelicolor</i> A3(2). <i>EMBO Journal</i> , 1998, 17, 5776-5782.	7.8	194
24	Sigma σ^E is required for the production of the antibiotic actinomycin in <i>Streptomyces antibioticus</i> . <i>Molecular Microbiology</i> , 1997, 23, 169-178.	2.5	43
25	Construction and application of streptomycete promoter probe vectors which employ the <i>Streptomyces glaucescens</i> tyrosinase-encoding gene as reporter. <i>Gene</i> , 1994, 146, 105-110.	2.2	37