Karin Schnetz

List of Publications by Year
in descending order

35 papers	1,128 citations	489802 18 h-index	445137 33 g-index
36 all docs	36 docs citations	36 times ranked	1124 citing authors

#	Article	IF	Citations
1	Deletion of FRT-sites by no-SCAR recombineering in Escherichia coli. Microbiology (United Kingdom), 2022, 168, .	0.7	3
2	High Abundance of Transcription Regulators Compacts the Nucleoid in Escherichia coli. Journal of Bacteriology, 2022, 204, e0002622.	1.0	3
3	The Transcription Regulator and c-di-GMP Phosphodiesterase PdeL Represses Motility in Escherichia coli. Journal of Bacteriology, 2021, 203, .	1.0	5
4	Characterization of the pleiotropic LysR-type transcription regulator LeuO of Escherichia coli. Nucleic Acids Research, 2019, 47, 7363-7379.	6.5	13
5	Interference of transcription across Hâ€NS binding sites and repression by Hâ€NS. Molecular Microbiology, 2018, 108, 226-239.	1.2	23
6	Genetic Approaches to Study the Interplay Between Transcription and Nucleoid-Associated Proteins in Escherichia coli. Methods in Molecular Biology, 2018, 1837, 131-143.	0.4	0
7	Activation of leu<scp>O</scp> by <scp>L</scp>rh<scp>A</scp> in <scp>E</scp>scherichia coli. Molecular Microbiology, 2017, 104, 664-676.	1.2	12
8	Correlation of Antagonistic Regulation of leuO Transcription with the Cellular Levels of BglJ-RcsB and LeuO in Escherichia coli. Frontiers in Cellular and Infection Microbiology, 2016, 6, 106.	1.8	10
9	Singleâ€cell characterization of metabolic switching in the sugar phosphotransferase system of Escherichia coli. Molecular Microbiology, 2016, 100, 472-485.	1.2	22
10	Interaction of the RcsB Response Regulator with Auxiliary Transcription Regulators in Escherichia coli. Journal of Biological Chemistry, 2016, 291, 2357-2370.	1.6	60
11	YjjQ Represses Transcription of flhDC and Additional Loci in Escherichia coli. Journal of Bacteriology, 2015, 197, 2713-2720.	1.0	16
12	Amount of Colicin Release in Escherichia coli Is Regulated by Lysis Gene Expression of the Colicin E2 Operon. PLoS ONE, 2015, 10, e0119124.	1.1	26
13	Transcriptional regulation by BglJâ€“RcsB, a pleiotropic heteromeric activator in Escherichia coli. Nucleic Acids Research, 2014, 42, 2999-3008.	6.5	35
14	RcsB-BglJ-mediated activation of Cascade operon does not induce the maturation of CRISPR RNAs inE. coliK12. RNA Biology, 2013, 10, 708-715.	1.5	9
15	RNase III initiates rapid degradation ofproUmRNA upon hypo-osmotic stress inEscherichia coli. RNA Biology, 2012, 9, 98-109.	1.5	17
16	RcsBâ€BglJ activates the Escherichia coli leuO gene, encoding an Hâ€NS antagonist and pleiotropic regulator of virulence determinants. Molecular Microbiology, 2012, 83, 1109-1123.	1.2	46
17	Nonlinear Fitness Landscape of a Molecular Pathway. PLoS Genetics, 2011, 7, e1002160.	1.5	53
18	Hâ€NSâ€mediated repression of CRISPRâ€based immunity in Escherichia coli K12 can be relieved by the transcription activator LeuO. Molecular Microbiology, 2010, 77, 1380-1393.	1.2	220

#	Article	IF	Citations
19	BglJ-RcsB Heterodimers Relieve Repression of theEscherichia coli bglOperon by H-NS. Journal of Bacteriology, 2010, 192, 6456-6464.	1.0	73
20	Characterization of a Î²-Glucoside Operon (bgc) Prevalent in Septicemic and UropathogenicEscherichia coliStrains. Applied and Environmental Microbiology, 2009, 75, 2284-2293.	1.4	9
21	Fate of the H-NSâ€"Repressed bgl Operon in Evolution of Escherichia coli. PLoS Genetics, 2009, 5, e1000405.	1.5	23
22	Modeling feedback loops in the H-NS-mediated regulation of the Escherichia coli bgl operon. Journal of Theoretical Biology, 2008, 250, 298-306.	0.8	4
23	Fineâ€tuned growth phase control of dps, encoding a DNA protection protein, by FIS and Hâ€NS. Molecular Microbiology, 2008, 68, 1345-1347.	1.2	17
24	Regulation of the yjjQ - bglJ Operon, Encoding LuxR-Type Transcription Factors, and the Divergent yjjP Gene by H-NS and LeuO. Journal of Bacteriology, 2008, 190, 926-935.	1.0	47
25	Characterization of a yjjQ mutant of avian pathogenic Escherichia coli (APEC). Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Over	0.7	30
26	Repression by Binding of H-NS within the Transcription Unit. Journal of Biological Chemistry, 2007, 282, 23622-23630.	1.6	58
27	Differential Dependence of StpA on H-NS in Autoregulation of stpA and in Regulation of bgl. Journal of Bacteriology, 2006, 188, 6728-6738.	1.0	22
28	Independent regulation of H-NS-mediated silencing of the bgl operon at two levels: upstream by BglJ and LeuO and downstream by DnaKJ. Microbiology (United Kingdom), 2005, 151, 3349-3359.	0.7	36
29	The Protease Lon and the RNA-Binding Protein Hfq Reduce Silencing of the Escherichia coli bgl Operon by H-NS. Journal of Bacteriology, 2004, 186, 2708-2716.	1.0	18
30	The histone-like nucleoid structuring protein H-NS represses the Escherichia coli bgl operon downstream of the promoter. Molecular Microbiology, 2004, 52, 589-600.	1.2	75
31	Post-transcriptional enhancement of Escherichia coli bgl operon silencing by limitation of BglG-mediated antitermination at low transcription rates. Molecular Microbiology, 2002, 43, 217-226.	1.2	30
32	Silencing of the Escherichia coli bgl operon by RpoS requires Crl. Microbiology (United Kingdom), 2002, 148, 2573-2578.	0.7	16
33	Antagonistic control of the Escherichia coli bgl promoter by FIS and CAP in vitro. Molecular Microbiology, 2000, 36, 85-92.	1.2	24
34	Lac and Î» repressors relieve silencing of the Escherichia coli bgl promoter. activation by alteration of a repressing nucleoprotein complex. Journal of Molecular Biology, 1998, 284, 875-883.	2.0	65
35	Cleavage byEcoO109 andDraII is inhibited by overlappingdcmmethylation. Nucleic Acids Research, 1988, 16, 1623-1623.	6.5	8