Erin R Murphy

List of Publications by Year
in descending order

25	796	567281 15	610901 24
papers	citations	h-index	g-index

26	26	26	879
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	RyhB, an Iron-Responsive Small RNA Molecule, Regulates Shigella dysenteriae Virulence. Infection and Immunity, 2007, 75, 3470-3477.	2.2	120
2	Iron-responsive bacterial small RNAs: variations on a theme. Metallomics, 2013, 5, 276.	2.4	105
3	Fur regulates acid resistance in Shigella flexneri via RyhB and ydeP. Molecular Microbiology, 2005, 58, 1354-1367.	2.5	80
4	Iron and Pathogenesis of Shigella: Iron Acquisition in the Intracellular Environment. BioMetals, 2006, 19, 173-180.	4.1	62
5	RNA-Mediated Thermoregulation of Iron-Acquisition Genes in Shigella dysenteriae and Pathogenic Escherichia coli. PLoS ONE, 2013, 8, e63781.	2.5	60
6	BhuR, a Virulence-Associated Outer Membrane Protein of Bordetella avium , Is Required for the Acquisition of Iron from Heme and Hemoproteins. Infection and Immunity, 2002, 70, 5390-5403.	2.2	39
7	Sibling rivalry: related bacterial small RNAs and their redundant and non-redundant roles. Frontiers in Cellular and Infection Microbiology, 2014, 4, 151.	3.9	38
8	Heme Utilization in Bordetella avium Is Regulated by RhuI, a Heme-Responsive Extracytoplasmic Function Sigma Factor. Infection and Immunity, 2001, 69, 6951-6961.	2.2	33
9	VirF-Independent Regulation of Shigella virB Transcription is Mediated by the Small RNA RyhB. PLoS ONE, 2012, 7, e38592.	2.5	32
10	Crosstalk between the growth hormone/insulin-like growth factor-1 axis and the gut microbiome: A new frontier for microbial endocrinology. Growth Hormone and IGF Research, 2020, 53-54, 101333.	1.1	25
11	Shigella Iron Acquisition Systems and their Regulation. Frontiers in Cellular and Infection Microbiology, 2016, 6, 18.	3.9	22
12	Growth Hormone Deficiency and Excess Alter the Gut Microbiome in Adult Male Mice. Endocrinology, 2020, 161, .	2.8	22
13	Temperature Influences the Composition and Cytotoxicity of Extracellular Vesicles in Staphylococcus aureus. MSphere, 2021, 6, e0067621.	2.9	22
14	The Iron-Responsive Fur/RyhB Regulatory Cascade Modulates the Shigella Outer Membrane Protease IcsP. Infection and Immunity, 2011, 79, 4543-4549.	2.2	19
15	Transcriptional and posttranscriptional regulation of Shigella shuT in response to hostâ€associated iron availability and temperature. MicrobiologyOpen, 2017, 6, e00442.	3.0	19
16	Heterogeneity spacers in 16S rDNA primers improve analysis of mouse gut microbiomes via greater nucleotide diversity. BioTechniques, 2019, 67, 55-62.	1.8	14
17	Riboregulators: Fine-Tuning Virulence in Shigella. Frontiers in Cellular and Infection Microbiology, 2016, 6, 2.	3.9	13
18	An unconventional RNA-based thermosensor within the 5â€™ UTR of Staphylococcus aureus cidA. PLoS ONE, 2019, 14, e0214521.	2.5	13

#	Article	IF	Citations
19	Regulation of OmpA Translation and Shigella dysenteriae Virulence by an RNA Thermometer. Infection and Immunity, 2020, 88, .	2.2	12
20	Staphylococcus aureus Responds to Physiologically Relevant Temperature Changes by Altering Its Global Transcript and Protein Profile. MSphere, 2021, 6, .	2.9	12
21	Sibling sRNA RyfA1 Influences Shigella dysenteriae Pathogenesis. Genes, 2017, 8, 50.	2.4	11
22	Temperature-Dependent Regulation of Bacterial Gene Expression by RNA Thermometers. , 0, , .		9
23	RNA Regulated Toxin-Antitoxin Systems in Pathogenic Bacteria. Frontiers in Cellular and Infection Microbiology, 2021, 11, 661026.	3.9	5
24	Genetic Characterization of Wild-Type and Mutant fur Genes of Bordetella avium. Infection and Immunity, 1999, 67, 3160-3165.	2.2	5
25	Excess Growth Hormone Alters the Male Mouse Gut Microbiome in an Age-dependent Manner. Endocrinology, 2022, 163, .	2.8	4