

William N Beavers

List of Publications by Year in descending order

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567281

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#	ARTICLE	IF	CITATIONS
1	Mitochondrial Calcium Uniporter Affects Neutrophil Bactericidal Activity during <i>Staphylococcus aureus</i> Infection. <i>Infection and Immunity</i> , 2022, 90, IA0055121.	2.2	5
2	Increased Dietary Manganese Impairs Neutrophil Extracellular Trap Formation Rendering Neutrophils Ineffective at Combating <i>Staphylococcus aureus</i> . <i>Infection and Immunity</i> , 2022, 90, ia0068521.	2.2	1
3	Host Polyunsaturated Fatty Acids Potentiate Aminoglycoside Killing of <i>Staphylococcus aureus</i> . <i>Microbiology Spectrum</i> , 2022, 10, e0276721.	3.0	6
4	Zn-regulated GTPase metalloprotein activator 1 modulates vertebrate zinc homeostasis. <i>Cell</i> , 2022, 185, 2148-2163.e27.	28.9	39
5	<i>Staphylococcus aureus</i> lacking a functional MntABC manganese import system has increased resistance to copper. <i>Molecular Microbiology</i> , 2021, 115, 554-573.	2.5	20
6	Lipocalin B1c is a potential heme-binding protein. <i>FEBS Letters</i> , 2021, 595, 206-219.	2.8	4
7	<i>Staphylococcus aureus</i> Peptide Methionine Sulfoxide Reductases Protect from Human Whole-Blood Killing. <i>Infection and Immunity</i> , 2021, 89, e0014621.	2.2	7
8	<i>Clostridioides difficile</i> infection induces a rapid influx of bile acids into the gut during colonization of the host. <i>Cell Reports</i> , 2021, 36, 109683.	6.4	16
9	<i>Clostridioides difficile</i> strain-dependent and strain-independent adaptations to a microaerobic environment. <i>Microbial Genomics</i> , 2021, 7, .	2.0	7
10	A Small-Molecule Modulator of Metal Homeostasis in Gram-Positive Pathogens. <i>MBio</i> , 2020, 11, .	4.1	8
11	<i>Mycobacterium tuberculosis</i> Rv0991c Is a Redox-Regulated Molecular Chaperone. <i>MBio</i> , 2020, 11, .	4.1	7
12	ZupT Facilitates <i>Clostridioides difficile</i> Resistance to Host-Mediated Nutritional Immunity. <i>MSphere</i> , 2020, 5, .	2.9	23
13	<i>Clostridioides difficile</i> Senses and Hijacks Host Heme for Incorporation into an Oxidative Stress Defense System. <i>Cell Host and Microbe</i> , 2020, 28, 411-421.e6.	11.0	36
14	<i>Clostridioides difficile</i> proline fermentation in response to commensal clostridia. <i>Anaerobe</i> , 2020, 63, 102210.	2.1	13
15	The <i>Acinetobacter baumannii</i> Znu System Overcomes Host-Imposed Nutrient Zinc Limitation. <i>Infection and Immunity</i> , 2019, 87, .	2.2	34
16	Manganese Detoxification by MntE Is Critical for Resistance to Oxidative Stress and Virulence of <i>Staphylococcus aureus</i> . <i>MBio</i> , 2019, 10, .	4.1	38
17	An <i>Acinetobacter baumannii</i> , Zinc-Regulated Peptidase Maintains Cell Wall Integrity during Immune-Mediated Nutrient Sequestration. <i>Cell Reports</i> , 2019, 26, 2009-2018.e6.	6.4	61
18	The Immune Protein Calprotectin Impacts <i>Clostridioides difficile</i> Metabolism through Zinc Limitation. <i>MBio</i> , 2019, 10, .	4.1	21

#	ARTICLE	IF	CITATIONS
19	Arachidonic Acid Kills Staphylococcus aureus through a Lipid Peroxidation Mechanism. MBio, 2019, 10, .	4.1	44
20	Protein Modification by Endogenously Generated Lipid Electrophiles: Mitochondria as the Source and Target. ACS Chemical Biology, 2017, 12, 2062-2069.	3.4	30
21	Mechanisms of Pyocyanin Toxicity and Genetic Determinants of Resistance in Staphylococcus aureus. Journal of Bacteriology, 2017, 199, .	2.2	54
22	Dietary Manganese Promotes Staphylococcal Infection of the Heart. Cell Host and Microbe, 2017, 22, 531-542.e8.	11.0	51
23	Nuclear Oxidation of a Major Peroxidation DNA Adduct, M1dG, in the Genome. Chemical Research in Toxicology, 2015, 28, 2334-2342.	3.3	18
24	Alkylation Damage by Lipid Electrophiles Targets Functional Protein Systems. Molecular and Cellular Proteomics, 2014, 13, 849-859.	3.8	73
25	13C-Alkynyl Lipid Surrogates for Polyunsaturated Fatty Acids: Free Radical and Enzymatic Oxidations. Journal of the American Chemical Society, 2014, 136, 11529-11539.	13.7	25
26	Stable Histone Adduction by 4-Oxo-2-nonenal: A Potential Link between Oxidative Stress and Epigenetics. Journal of the American Chemical Society, 2014, 136, 11864-11866.	13.7	103