

William N Beavers

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

744
citations

567281

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580821

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docs citations

26
times ranked

1107
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable Histone Adduction by 4-Oxo-2-nonenal: A Potential Link between Oxidative Stress and Epigenetics. <i>Journal of the American Chemical Society</i> , 2014, 136, 11864-11866.	13.7	103
2	Alkylation Damage by Lipid Electrophiles Targets Functional Protein Systems. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 849-859.	3.8	73
3	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
4	Mechanisms of Pyocyanin Toxicity and Genetic Determinants of Resistance in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	54
5	Dietary Manganese Promotes Staphylococcal Infection of the Heart. <i>Cell Host and Microbe</i> , 2017, 22, 531-542.e8.	11.0	51
6	Arachidonic Acid Kills <i>Staphylococcus aureus</i> through a Lipid Peroxidation Mechanism. <i>MBio</i> , 2019, 10, .	4.1	44
7	Zn-regulated GTPase metalloprotein activator 1 modulates vertebrate zinc homeostasis. <i>Cell</i> , 2022, 185, 2148-2163.e27.	28.9	39
8	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
9	<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
10	The <i>Acinetobacter baumannii</i> Znu System Overcomes Host-Imposed Nutrient Zinc Limitation. <i>Infection and Immunity</i> , 2019, 87, .	2.2	34
11	Protein Modification by Endogenously Generated Lipid Electrophiles: Mitochondria as the Source and Target. <i>ACS Chemical Biology</i> , 2017, 12, 2062-2069.	3.4	30
12	¹³ C-Alkynyl Lipid Surrogates for Polyunsaturated Fatty Acids: Free Radical and Enzymatic Oxidations. <i>Journal of the American Chemical Society</i> , 2014, 136, 11529-11539.	13.7	25
13	ZupT Facilitates <i>Clostridioides difficile</i> Resistance to Host-Mediated Nutritional Immunity. <i>MSphere</i> , 2020, 5, .	2.9	23
14	The Immune Protein Calprotectin Impacts <i>Clostridioides difficile</i> Metabolism through Zinc Limitation. <i>MBio</i> , 2019, 10, .	4.1	21
15	<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
16	Nuclear Oxidation of a Major Peroxidation DNA Adduct, M1dG, in the Genome. <i>Chemical Research in Toxicology</i> , 2015, 28, 2334-2342.	3.3	18
17	<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
18	<i>Clostridioides difficile</i> proline fermentation in response to commensal clostridia. <i>Anaerobe</i> , 2020, 63, 102210.	2.1	13

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19	A Small-Molecule Modulator of Metal Homeostasis in Gram-Positive Pathogens. MBio, 2020, 11, .	4.1	8
20	Mycobacterium tuberculosis Rv0991c Is a Redox-Regulated Molecular Chaperone. MBio, 2020, 11, .	4.1	7
21	Staphylococcus aureus Peptide Methionine Sulfoxide Reductases Protect from Human Whole-Blood Killing. Infection and Immunity, 2021, 89, e0014621.	2.2	7
22	Clostridioides difficile strain-dependent and strain-independent adaptations to a microaerobic environment. Microbial Genomics, 2021, 7, .	2.0	7
23	Host Polyunsaturated Fatty Acids Potentiate Aminoglycoside Killing of Staphylococcus aureus. Microbiology Spectrum, 2022, 10, e0276721.	3.0	6
24	Mitochondrial Calcium Uniporter Affects Neutrophil Bactericidal Activity during Staphylococcus aureus Infection. Infection and Immunity, 2022, 90, IAI0055121.	2.2	5
25	Lipocalin B1c is a potential heme-binding protein. FEBS Letters, 2021, 595, 206-219.	2.8	4
26	Increased Dietary Manganese Impairs Neutrophil Extracellular Trap Formation Rendering Neutrophils Ineffective at Combating Staphylococcus aureus. Infection and Immunity, 2022, 90, IAI0068521.	2.2	1