

Hanan Y Gancz

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,053
citations

516710

16
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1419
citing authors

#	ARTICLE	IF	CITATIONS
1	AB5075, a Highly Virulent Isolate of <i>Acinetobacter baumannii</i> , as a Model Strain for the Evaluation of Pathogenesis and Antimicrobial Treatments. <i>MBio</i> , 2014, 5, e01076-14.	4.1	258
2	Iron and pH Homeostasis Intersect at the Level of Fur Regulation in the Gastric Pathogen <i>Helicobacter pylori</i> . <i>Infection and Immunity</i> , 2006, 74, 602-614.	2.2	113
3	<i>Vibrio cholerae</i> Hemagglutinin/Protease Degrades Chironomid Egg Masses. <i>Applied and Environmental Microbiology</i> , 2003, 69, 4200-4204.	3.1	78
4	<i>Vibrio cholerae</i> Strain Typing and Phylogeny Study Based on Simple Sequence Repeats. <i>Journal of Clinical Microbiology</i> , 2007, 45, 736-746.	3.9	77
5	Adult non-biting midges: possible windborne carriers of <i>Vibrio cholerae</i> non-O1 non-O139. <i>Environmental Microbiology</i> , 2005, 7, 576-585.	3.8	70
6	Sodium Chloride Affects <i>Helicobacter pylori</i> Growth and Gene Expression. <i>Journal of Bacteriology</i> , 2008, 190, 4100-4105.	2.2	67
7	Heat acclimation prolongs the time to central nervous system oxygen toxicity in the rat. <i>Brain Research</i> , 2003, 962, 15-20.	2.2	55
8	The <i>Galleria mellonella</i> larvae as an <i>in vivo</i> model for evaluation of <i>Shigella</i> virulence. <i>Gut Microbes</i> , 2017, 8, 335-350.	9.8	54
9	Expanding the <i>Helicobacter pylori</i> Genetic Toolbox: Modification of an Endogenous Plasmid for Use as a Transcriptional Reporter and Complementation Vector. <i>Applied and Environmental Microbiology</i> , 2007, 73, 7506-7514.	3.1	49
10	A Single Nucleotide Change Affects Fur-Dependent Regulation of <i>sodB</i> in <i>H. pylori</i> . <i>PLoS ONE</i> , 2009, 4, e5369.	2.5	38
11	The Oligo-Acyl Lysyl Antimicrobial Peptide C ₁₂ K-2 ¹² Exhibits a Dual Mechanism of Action and Demonstrates Strong <i>In Vivo</i> Efficacy against <i>Helicobacter pylori</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 378-390.	3.2	34
12	<i>Helicobacter pylori</i> apo-Fur regulation appears unconserved across species. <i>Journal of Microbiology</i> , 2010, 48, 378-386.	2.8	26
13	The association between non-biting midges and <i>Vibrio cholerae</i> . <i>Environmental Microbiology</i> , 2008, 10, 3193-3200.	3.8	24
14	Crosstalk between the HpArsRS two-component system and HpNikR is necessary for maximal activation of urease transcription. <i>Frontiers in Microbiology</i> , 2015, 6, 558.	3.5	23
15	<i>In Vitro</i> Antibacterial Activity of Acyl-Lysyl Oligomers against <i>Helicobacter pylori</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4231-4239.	3.2	20
16	The <i>Helicobacter pylori</i> Ferric Uptake Regulator (Fur) is essential for growth under sodium chloride stress. <i>Journal of Microbiology</i> , 2011, 49, 294-298.	2.8	19
17	Mutagenesis of Conserved Amino Acids of <i>Helicobacter pylori</i> Fur Reveals Residues Important for Function. <i>Journal of Bacteriology</i> , 2010, 192, 5037-5052.	2.2	18
18	Balancing the Double-Edged Sword: Metal Ion Homeostasis and the Ulcer Bug. <i>Current Medicinal Chemistry</i> , 2007, 14, 469-478.	2.4	15

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19	Adhesion of <i>Vibrio cholerae</i> to Granular Starches. <i>Applied and Environmental Microbiology</i> , 2005, 71, 4850-4855.	3.1	8
20	Prolonged latency to CNS-O ₂ toxicity induced by heat acclimation in rats is associated with increased antioxidative defenses and metabolic energy preservation. <i>Journal of Applied Physiology</i> , 2012, 113, 595-601.	2.5	7