

Hee-Jeon Hong

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,565
citations

516710

16
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

1683
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial and biochemical basis of a Fusarium wilt-suppressive soil. ISME Journal, 2016, 10, 119-129.	9.8	355
2	The Role of the Novel Fem Protein VanK in Vancomycin Resistance in <i>Streptomyces coelicolor</i> . Journal of Biological Chemistry, 2005, 280, 13055-13061.	3.4	137
3	Characterization of an inducible vancomycin resistance system in <i>Streptomyces coelicolor</i> reveals a novel gene (vanK) required for drug resistance. Molecular Microbiology, 2004, 52, 1107-1121.	2.5	136
4	The vancomycin resistance VanRS two-component signal transduction system of <i>Streptomyces coelicolor</i> . Molecular Microbiology, 2006, 59, 923-935.	2.5	135
5	A vancomycin photoprobe identifies the histidine kinase VanSsc as a vancomycin receptor. Nature Chemical Biology, 2010, 6, 327-329.	8.0	135
6	A signal transduction system in <i>Streptomyces coelicolor</i> that activates the expression of a putative cell wall glycan operon in response to vancomycin and other cell wall-specific antibiotics. Molecular Microbiology, 2002, 44, 1199-1211.	2.5	107
7	Vancomycin Resistance VanS/VanR Two-Component Systems. Advances in Experimental Medicine and Biology, 2008, 631, 200-213.	1.6	105
8	Genome-wide dynamics of a bacterial response to antibiotics that target the cell envelope. BMC Genomics, 2011, 12, 226.	2.8	68
9	The Zinc-Responsive Regulator Zur Controls Expression of the Coelibactin Gene Cluster in <i>Streptomyces coelicolor</i> . Journal of Bacteriology, 2010, 192, 608-611.	2.2	65
10	The σ^E Cell Envelope Stress Response of <i>Streptomyces coelicolor</i> Is Influenced by a Novel Lipoprotein, CseA. Journal of Bacteriology, 2006, 188, 7222-7229.	2.2	57
11	Antibiotic Resistance Mechanisms Inform Discovery: Identification and Characterization of a Novel Amycolatopsis Strain Producing Ristocetin. Antimicrobial Agents and Chemotherapy, 2014, 58, 5687-5695.	3.2	43
12	<i>In Vivo</i> Studies Suggest that Induction of VanS-Dependent Vancomycin Resistance Requires Binding of the Drug to α -Ala- α -Ala Termini in the Peptidoglycan Cell Wall. Antimicrobial Agents and Chemotherapy, 2013, 57, 4470-4480.	3.2	39
13	A Novel Membrane Protein, VanJ, Conferring Resistance to Teicoplanin. Antimicrobial Agents and Chemotherapy, 2012, 56, 1784-1796.	3.2	31
14	<i>In Vivo</i> Characterization of the Activation and Interaction of the VanR-VanS Two-Component Regulatory System Controlling Glycopeptide Antibiotic Resistance in Two Related <i>Streptomyces</i> Species. Antimicrobial Agents and Chemotherapy, 2016, 60, 1627-1637.	3.2	31
15	Defining the regulon of genes controlled by σ^E , a key regulator of the cell envelope stress response in <i>Streptomyces coelicolor</i> . Molecular Microbiology, 2019, 112, 461-481.	2.5	27
16	The frontline antibiotic vancomycin induces a zinc starvation response in bacteria by binding to Zn(II). Scientific Reports, 2016, 6, 19602.	3.3	25
17	The Activity of Glycopeptide Antibiotics against Resistant Bacteria Correlates with Their Ability To Induce the Resistance System. Antimicrobial Agents and Chemotherapy, 2014, 58, 6306-6310.	3.2	13
18	High-Resolution Mass Spectrometry Based Proteomic Analysis of the Response to Vancomycin-Induced Cell Wall Stress in <i>Streptomyces coelicolor</i> A3(2). Journal of Proteome Research, 2015, 14, 2915-2928.	3.7	13

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19	Zn(II) mediates vancomycin polymerization and potentiates its antibiotic activity against resistant bacteria. <i>Scientific Reports</i> , 2017, 7, 4893.	3.3	11
20	Genome Sequence of <i>Streptomyces toyocaensis</i> NRRL 15009, Producer of the Glycopeptide Antibiotic A47934. <i>Genome Announcements</i> , 2014, 2, .	0.8	9
21	Lenzimycins A and B, Metabolites With Antibacterial Properties From <i>Brevibacillus</i> sp. Associated With the Dung Beetle <i>Onthophagus lenzii</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 599911.	3.5	7
22	Draft Genome Sequence of <i>Amycolatopsis lurida</i> NRRL 2430, Producer of the Glycopeptide Family Antibiotic Ristocetin. <i>Genome Announcements</i> , 2014, 2, .	0.8	5
23	Draft Genome Sequence of Ristocetin-Producing Strain <i>Amycolatopsis</i> sp. Strain MJM2582 Isolated in South Korea. <i>Genome Announcements</i> , 2014, 2, .	0.8	5
24	Construction of a Bioassay System to Identify Extracellular Agents Targeting Bacterial Cell Envelope. <i>Methods in Molecular Biology</i> , 2016, 1440, 125-137.	0.9	3
25	Studying Gene Induction of Glycopeptide Resistance Using Gene Swapping. <i>Methods in Molecular Biology</i> , 2010, 642, 45-62.	0.9	2
26	A signal transduction system in <i>Streptomyces coelicolor</i> that activates expression of a putative cell wall glycan operon in response to vancomycin and other cell wall-specific antibiotics. <i>Molecular Microbiology</i> , 2008, 69, 1069-1069.	2.5	1
27	The σ^E Cell Envelope Stress Response of <i>Streptomyces coelicolor</i> Is Influenced by a Novel Lipoprotein, CseA. <i>Journal of Bacteriology</i> , 2008, 190, 6037-6037.	2.2	0
28	Microarray Analysis to Monitor Bacterial Cell Wall Homeostasis. <i>Methods in Molecular Biology</i> , 2016, 1440, 31-46.	0.9	0
29	Chemotranscriptomic Profiling Defines Drug-Specific Signatures of the Glycopeptide Antibiotics Dalbavancin, Vancomycin and Chlorobiphenyl-Vancomycin in a VanB-Type-Resistant Streptomyces. <i>Frontiers in Microbiology</i> , 2021, 12, 641756.	3.5	0
30	Sensing and Responding to Cell Envelope Stress in <i>Streptomyces coelicolor</i> . <i>Nihon Hosenkin Gakkai Shi = Actinomycetologica</i> , 2002, 16, 41-47.	0.3	0