Hee-Jeon Hong

List of Publications by Year
in descending order

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	Chemotranscriptomic Profiling Defines Drug-Specific Signatures of the Glycopeptide Antibiotics Dalbavancin, Vancomycin and Chlorobiphenyl-Vancomycin in a VanB-Type-Resistant Streptomycete. Frontiers in Microbiology, 2021, 12, 641756.	3.5	0
2	Lenzimycins A and B, Metabolites With Antibacterial Properties From Brevibacillus sp. Associated With the Dung Beetle Onthophagus lenzii. Frontiers in Microbiology, 2020, 11, 599911.	3.5	7
3	Defining the regulon of genes controlled by Ïf ^E, a key regulator of the cell envelope stress response in Streptomyces coelicolor. Molecular Microbiology, 2019, 112, 461-481.	2.5	27
4	Zn(II) mediates vancomycin polymerization and potentiates its antibiotic activity against resistant bacteria. Scientific Reports, 2017, 7, 4893.	3.3	11
5	The frontline antibiotic vancomycin induces a zinc starvation response in bacteria by binding to Zn(II). Scientific Reports, 2016, 6, 19602.	3.3	25
6	Microarray Analysis to Monitor Bacterial Cell Wall Homeostasis. Methods in Molecular Biology, 2016, 1440, 31-46.	0.9	0
7	Construction of a Bioassay System to Identify Extracellular Agents Targeting Bacterial Cell Envelope. Methods in Molecular Biology, 2016, 1440, 125-137.	0.9	3
8	Microbial and biochemical basis of a Fusarium wilt-suppressive soil. ISME Journal, 2016, 10, 119-129.	9.8	355
9	In Vivo Characterization of the Activation and Interaction of the VanR-VanS Two-Component Regulatory System Controlling Glycopeptide Antibiotic Resistance in Two Related Streptomyces Species. Antimicrobial Agents and Chemotherapy, 2016, 60, 1627-1637.	3.2	31
10	High-Resolution Mass Spectrometry Based Proteomic Analysis of the Response to Vancomycin-Induced Cell Wall Stress in Streptomyces coelicolor A3(2). Journal of Proteome Research, 2015, 14, 2915-2928.	3.7	13
11	Genome Sequence of Streptomyces toyocaensis NRRL 15009, Producer of the Glycopeptide Antibiotic A47934. Genome Announcements, 2014, 2, .	0.8	9
12	Draft Genome Sequence of Amycolatopsis lurida NRRL 2430, Producer of the Glycopeptide Family Antibiotic Ristocetin. Genome Announcements, 2014, 2, .	0.8	5
13	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
14	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
15	Draft Genome Sequence of Ristocetin-Producing Strain Amycolatopsis sp. Strain MJM2582 Isolated in South Korea. Genome Announcements, 2014, 2, .	0.8	5
16	In Vivo Studies Suggest that Induction of VanS-Dependent Vancomycin Resistance Requires Binding of the Drug to <scp>d</scp> -Ala- <scp>d</scp> -Ala Termini in the Peptidoglycan Cell Wall. Antimicrobial Agents and Chemotherapy, 2013, 57, 4470-4480.	3.2	39
17	A Novel Membrane Protein, VanJ, Conferring Resistance to Teicoplanin. Antimicrobial Agents and Chemotherapy, 2012, 56, 1784-1796.	3.2	31
18	Genome-wide dynamics of a bacterial response to antibiotics that target the cell envelope. BMC Genomics, 2011, 12, 226.	2.8	68

#	Article	IF	Citations
19	A vancomycin photoprobe identifies the histidine kinase VanSsc as a vancomycin receptor. Nature Chemical Biology, 2010, 6, 327-329.	8.0	135
20	The Zinc-Responsive Regulator Zur Controls Expression of the Coelibactin Gene Cluster inStreptomyces coelicolor. Journal of Bacteriology, 2010, 192, 608-611.	2.2	65
21	Studying Gene Induction of Glycopeptide Resistance Using Gene Swapping. Methods in Molecular Biology, 2010, 642, 45-62.	0.9	2
22	A signal transduction system in Streptomyces coelicolor that activates expression of a putative cell wall glycan operon in response to vancomycin and other cell wallâ€specific antibiotics. Molecular Microbiology, 2008, 69, 1069-1069.	2.5	1
23	The Ïƒ E Cell Envelope Stress Response of Streptomyces coelicolor Is Influenced by a Novel Lipoprotein, CseA. Journal of Bacteriology, 2008, 190, 6037-6037.	2.2	0
24	Vancomycin Resistance VanS/VanR Two-Component Systems. Advances in Experimental Medicine and Biology, 2008, 631, 200-213.	1.6	105
25	The vancomycin resistance VanRS twoâ€component signal transduction system of Streptomyces coelicolor. Molecular Microbiology, 2006, 59, 923-935.	2.5	135
26	The Ïƒ E Cell Envelope Stress Response of Streptomyces coelicolor Is Influenced by a Novel Lipoprotein, CseA. Journal of Bacteriology, 2006, 188, 7222-7229.	2.2	57
27	The Role of the Novel Fem Protein VanK in Vancomycin Resistance in Streptomyces coelicolor. Journal of Biological Chemistry, 2005, 280, 13055-13061.	3.4	137
28	Characterization of an inducible vancomycin resistance system in Streptomyces coelicolor reveals a novel gene (vanK) required for drug resistance. Molecular Microbiology, 2004, 52, 1107-1121.	2.5	136
29	A signal transduction system in Streptomyces coelicolor 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
30	Sensing and Responding to Cell Envelope Stress in Streptomyces coelicolor.. Nihon Hosenkin Gakkai Shi = Actinomycetologica, 2002, 16, 41-47.	0.3	0