

Kye Joon Lee

List of Publications by Year in descending order

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31
papers

1,844
citations

471509

17
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

1863
citing authors

#	ARTICLE	IF	CITATIONS
1	Trypsin (<i>Streptomyces exfoliatus</i> and <i>S. albidoflavus</i>). , 2013, , 2590-2592.		0
2	Clavulanic acid biosynthesis and genetic manipulation for its overproduction. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 659-669.	3.6	32
3	The complex extracellular biology of <i>Streptomyces</i> . <i>FEMS Microbiology Reviews</i> , 2010, 34, 171-198.	8.6	415
4	A gene located downstream of the clavulanic acid gene cluster in <i>Streptomyces clavuligerus</i> ATCC 27064 encodes a putative response regulator that affects clavulanic acid production. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009, 36, 301-311.	3.0	17
5	Insights into Positive and Negative Requirements for Protein-Protein Interactions by Crystallographic Analysis of the β -Lactamase Inhibitory Proteins BLIP, BLIP-I, and BLP. <i>Journal of Molecular Biology</i> , 2009, 389, 289-305.	4.2	35
6	Complex extracellular interactions of proteases and a protease inhibitor influence multicellular development of <i>Streptomyces coelicolor</i> . <i>Molecular Microbiology</i> , 2008, 70, 1180-1193.	2.5	24
7	A Possible Extended Family of Regulators of Sigma Factor Activity in <i>Streptomyces coelicolor</i> . <i>Journal of Bacteriology</i> , 2008, 190, 7559-7566.	2.2	29
8	Functional effects of increased copy number of the gene encoding proclavaminic amidino hydrolase on clavulanic acid production in <i>Streptomyces clavuligerus</i> ATCC 27064. <i>Journal of Microbiology and Biotechnology</i> , 2008, 18, 417-26.	2.1	9
9	Structural basis for the extended substrate spectrum of CMY-10, a plasmid-encoded class C beta-lactamase. <i>Molecular Microbiology</i> , 2006, 60, 907-916.	2.5	101
10	Engineering of Primary Carbohydrate Metabolism for Increased Production of Actinorhodin in <i>Streptomyces coelicolor</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 7132-7139.	3.1	117
11	The genome sequence of the ethanologenic bacterium <i>Zymomonas mobilis</i> ZM4. <i>Nature Biotechnology</i> , 2005, 23, 63-68.	17.5	260
12	Two <i>relA/spoT</i> homologous genes are involved in the morphological and physiological differentiation of <i>Streptomyces clavuligerus</i> . <i>Microbiology (United Kingdom)</i> , 2004, 150, 1485-1493.	1.8	40
13	Cephamicin C production is regulated by <i>relA</i> and <i>rsh</i> genes in <i>Streptomyces clavuligerus</i> ATCC27064. <i>Journal of Biotechnology</i> , 2004, 114, 81-87.	3.8	17
14	Dissemination of SHV-12 and Characterization of New AmpC-Type Beta-Lactamase Genes among Clinical Isolates of <i>Enterobacter</i> Species in Korea. <i>Journal of Clinical Microbiology</i> , 2003, 41, 2477-2482.	3.9	24
15	Characterization of <i>bla</i> CMY-11, an AmpC-type plasmid-mediated beta-lactamase gene in a Korean clinical isolate of <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2002, 49, 269-273.	3.0	30
16	Restriction fragment length dimorphism-PCR method for the detection of extended-spectrum β -lactamases unrelated to TEM- and SHV-types. <i>FEMS Microbiology Letters</i> , 2001, 200, 157-161.	1.8	13
17	Crystal structure and kinetic analysis of beta-lactamase inhibitor protein-II in complex with TEM-1 beta-lactamase. <i>Nature Structural Biology</i> , 2001, 8, 848-852.	9.7	82
18	New β -Lactamase Inhibitory Protein (BLIP-I) from <i>Streptomyces exfoliatus</i> SMF19 and Its Roles on the Morphological Differentiation. <i>Journal of Biological Chemistry</i> , 2000, 275, 16851-16856.	3.4	18

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19	Actinorhodin and undecylprodigiosin production in wild-type and relA mutant strains of <i>Streptomyces coelicolor</i> A3(2) grown in continuous culture. <i>FEMS Microbiology Letters</i> , 1998, 168, 221-226.	1.8	60
20	Analysis of differentiation state in <i>Streptomyces albidoflavus</i> SMF301 by the combination of pyrolysis mass spectrometry and neural networks. <i>Journal of Biotechnology</i> , 1998, 62, 1-10.	3.8	14
21	Cloning and heterologous expression of the gene for BLIP-II, a β -lactamase-inhibitory protein from <i>Streptomyces exfoliatus</i> SMF19. <i>Microbiology (United Kingdom)</i> , 1998, 144, 2161-2167.	1.8	12
22	Characterization of the leupeptin-inactivating enzyme from <i>Streptomyces exfoliatus</i> SMF13 which produces leupeptin. <i>Biochemical Journal</i> , 1998, 331, 539-545.	3.7	36
23	Actinorhodin and undecylprodigiosin production in wild-type and relA mutant strains of <i>Streptomyces coelicolor</i> A3(2) grown in continuous culture. <i>FEMS Microbiology Letters</i> , 1998, 168, 221-226.	1.8	3
24	Kinetic analysis of morphological differentiation and protease production in <i>Streptomyces albidoflavus</i> SMF301. <i>Microbiology (United Kingdom)</i> , 1997, 143, 2709-2714.	1.8	9
25	Analysis of expression rate of cloned β -lactamase gene in a recombinant of <i>Streptomyces lividans</i> . <i>Journal of Biotechnology</i> , 1996, 52, 161-165.	3.8	1
26	Regulation of production of leupeptin, leupeptin-inactivating enzyme, and trypsin-like protease in <i>Streptomyces exfoliatus</i> SMF13. <i>Journal of Bioscience and Bioengineering</i> , 1995, 80, 434-439.	0.9	6
27	Kinetic study on the production and degradation of leupeptin in <i>streptomyces exfoliatus smf13</i> . <i>Journal of Biotechnology</i> , 1995, 42, 35-44.	3.8	5
28	Effect of growth rate and cultivation environments on cloned gene stability and the cloned gene product formation in <i>Streptomyces lividans</i> . <i>Journal of Biotechnology</i> , 1994, 33, 195-204.	3.8	9
29	Recent Developments in the Zymomonas Process for Ethanol Production. <i>Critical Reviews in Biotechnology</i> , 1983, 1, 273-288.	9.0	27
30	Ethanol production by <i>Zymomonas mobilis</i> in continuous culture at high glucose concentrations. <i>Biotechnology Letters</i> , 1979, 1, 421-426.	2.2	131
31	Kinetics of alcohol production by <i>zymomonas mobilis</i> at high sugar concentrations. <i>Biotechnology Letters</i> , 1979, 1, 165-170.	2.2	268