

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	The complex extracellular biology of <i>Streptomyces</i> . FEMS Microbiology Reviews, 2010, 34, 171-198.	8.6	415
2	Kinetics of alcohol production by <i>Zymomonas mobilis</i> at high sugar concentrations. Biotechnology Letters, 1979, 1, 165-170.	2.2	268
3	The genome sequence of the ethanologenic bacterium <i>Zymomonas mobilis</i> ZM4. Nature Biotechnology, 2005, 23, 63-68.	17.5	260
4	Ethanol production by <i>Zymomonas mobilis</i> in continuous culture at high glucose concentrations. Biotechnology Letters, 1979, 1, 421-426.	2.2	131
5	Engineering of Primary Carbohydrate Metabolism for Increased Production of Actinorhodin in <i>Streptomyces coelicolor</i> . Applied and Environmental Microbiology, 2006, 72, 7132-7139.	3.1	117
6	Structural basis for the extended substrate spectrum of CMY-10, a plasmid-encoded class C beta-lactamase. Molecular Microbiology, 2006, 60, 907-916.	2.5	101
7	Crystal structure and kinetic analysis of beta-lactamase inhibitor protein-II in complex with TEM-1 beta-lactamase. Nature Structural Biology, 2001, 8, 848-852.	9.7	82
8	Actinorhodin and undecylprodigiosin production in wild-type and mutant strains of <i>Streptomyces coelicolor</i> A3(2) grown in continuous culture. FEMS Microbiology Letters, 1998, 168, 221-226.	1.8	60
9	Two <i>relA/spoT</i> homologous genes are involved in the morphological and physiological differentiation of <i>Streptomyces clavuligerus</i> . Microbiology (United Kingdom), 2004, 150, 1485-1493.	1.8	40
10	Characterization of the leupeptin-inactivating enzyme from <i>Streptomyces exfoliatus</i> SMF13 which produces leupeptin. Biochemical Journal, 1998, 331, 539-545.	3.7	36
11	Insights into Positive and Negative Requirements for Protein-Protein Interactions by Crystallographic Analysis of the β -Lactamase Inhibitory Proteins BLIP, BLIP-I, and BLP. Journal of Molecular Biology, 2009, 389, 289-305.	4.2	35
12	Clavulanic acid biosynthesis and genetic manipulation for its overproduction. Applied Microbiology and Biotechnology, 2010, 88, 659-669.	3.6	32
13	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> . Journal of Antimicrobial Chemotherapy, 2002, 49, 269-273.	3.0	30
14	A Possible Extended Family of Regulators of Sigma Factor Activity in <i>Streptomyces coelicolor</i> . Journal of Bacteriology, 2008, 190, 7559-7566.	2.2	29
15	Recent Developments in the <i>Zymomonas</i> Process for Ethanol Production. Critical Reviews in Biotechnology, 1983, 1, 273-288.	9.0	27
16	Dissemination of SHV-12 and Characterization of New AmpC-Type Beta-Lactamase Genes among Clinical Isolates of <i>Enterobacter</i> Species in Korea. Journal of Clinical Microbiology, 2003, 41, 2477-2482.	3.9	24
17	Complex extracellular interactions of proteases and a protease inhibitor influence multicellular development of <i>Streptomyces coelicolor</i> . Molecular Microbiology, 2008, 70, 1180-1193.	2.5	24
18	New β -Lactamase Inhibitory Protein (BLIP-I) from <i>Streptomyces exfoliatus</i> SMF19 and Its Roles on the Morphological Differentiation. Journal of Biological Chemistry, 2000, 275, 16851-16856.	3.4	18

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19	Cephamycin C production is regulated by relA and rsh genes in Streptomyces clavuligerus ATCC27064. Journal of Biotechnology, 2004, 114, 81-87.	3.8	17
20	A gene located downstream of the clavulanic acid gene cluster in Streptomyces clavuligerus ATCC 27064 encodes a putative response regulator that affects clavulanic acid production. Journal of Industrial Microbiology and Biotechnology, 2009, 36, 301-311.	3.0	17
21	Analysis of differentiation state in Streptomyces albidoflavus SMF301 by the combination of pyrolysis mass spectrometry and neural networks. Journal of Biotechnology, 1998, 62, 1-10.	3.8	14
22	Restriction fragment length dimorphism-PCR method for the detection of extended-spectrum β -lactamases unrelated to TEM- and SHV-types. FEMS Microbiology Letters, 2001, 200, 157-161.	1.8	13
23	Cloning and heterologous expression of the gene for BLIP-II, a β -lactamase-inhibitory protein from Streptomyces exfoliatus SMF19. Microbiology (United Kingdom), 1998, 144, 2161-2167.	1.8	12
24	Effect of growth rate and cultivation environments on cloned gene stability and the cloned gene product formation in Streptomyces lividans. Journal of Biotechnology, 1994, 33, 195-204.	3.8	9
25	Kinetic analysis of morphological differentiation and protease production in Streptomyces albidoflavus SMF301. Microbiology (United Kingdom), 1997, 143, 2709-2714.	1.8	9
26	Functional effects of increased copy number of the gene encoding proclavaminic amidino hydrolase on clavulanic acid production in Streptomyces clavuligerus ATCC 27064. Journal of Microbiology and Biotechnology, 2008, 18, 417-26.	2.1	9
27	Regulation of production of leupeptin, leupeptin-inactivating enzyme, and trypsin-like protease in Streptomyces exfoliatus SMF13. Journal of Bioscience and Bioengineering, 1995, 80, 434-439.	0.9	6
28	Kinetic study on the production and degradation of leupeptin in streptomyces exfoliatus smf13. Journal of Biotechnology, 1995, 42, 35-44.	3.8	5
29	Actinorhodin and undecylprodigiosin production in wild-type and relA mutant strains of Streptomyces coelicolor A3(2) grown in continuous culture. FEMS Microbiology Letters, 1998, 168, 221-226.	1.8	3
30	Analysis of expression rate of cloned β -lactamase gene in a recombinant of Streptomyces lividans. Journal of Biotechnology, 1996, 52, 161-165.	3.8	1
31	Trypsin (Streptomyces exfoliatus and S. albidoflavus). , 2013, , 2590-2592.		0