

# Kyoung Lee

## List of Publications by Year in descending order

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34  
papers

1,080  
citations

567281

15  
h-index

434195

31  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete Genome Sequence of <i>Aureimonas</i> sp. Strain OT7, Isolated from Human Skin. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	3
2	Complete Genome Sequence of <i>Gordonia</i> sp. Strain JH63, Isolated from Human Skin. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	3
3	Mutants defective in the production of encapsulin show a tan-phase-locked phenotype in <i>Myxococcus xanthus</i> . <i>Journal of Microbiology</i> , 2019, 57, 795-802.	2.8	14
4	Complete Genome Sequence of <i>Kocuria indica</i> CE7, Isolated from Human Skin. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	6
5	First Complete Genome Sequence of <i>Haematobacter massiliensis</i> OT1 (Chromosome and Multiple) Tj ETQq1 1 0.784314 rgBT /Overl	0.6	1
6	Complete Genome Sequence of <i>Paracoccus yeei</i> TT13, Isolated from Human Skin. <i>Genome Announcements</i> , 2018, 6, .	0.8	18
7	Complete Genome Sequences of Three <i>Moraxella osloensis</i> Strains Isolated from Human Skin. <i>Genome Announcements</i> , 2018, 6, .	0.8	4
8	Circular pellicles formed by <i>Pseudomonas alkylphenolica</i> KL28 are a sophisticated architecture principally designed by matrix substance. <i>Journal of Microbiology</i> , 2018, 56, 790-797.	2.8	0
9	Transposon Mutagenesis Identifies Genes Critical for Growth of <i>Pseudomonas nitroreducens</i> TX1 on Octylphenol Polyethoxylates. <i>Applied and Environmental Microbiology</i> , 2016, 82, 6584-6592.	3.1	12
10	Molecular modeling and redesign of alginate lyase from <i>Pseudomonas aeruginosa</i> for accelerating CRPA biofilm degradation. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 1875-1887.	2.6	11
11	A CHASE3/GAF sensor hybrid histidine kinase BmsA modulates biofilm formation and motility in <i>Pseudomonas alkylphenolica</i> . <i>Microbiology (United Kingdom)</i> , 2016, 162, 1945-1954.	1.8	3
12	Modeling and Re-Engineering of <i>Azotobacter vinelandii</i> Alginate Lyase to Enhance Its Catalytic Efficiency for Accelerating Biofilm Degradation. <i>PLoS ONE</i> , 2016, 11, e0156197.	2.5	26
13	Occurrence, Human Intake and Biodegradation of Estrogen-Like Nonylphenols and Octylphenols. <i>Current Drug Metabolism</i> , 2016, 17, 293-302.	1.2	18
14	Identification of three pathways for p-cresol catabolism and their gene expression in <i>Pseudomonas alkylphenolica</i> KL28. <i>Korean Journal of Microbiology</i> , 2016, 52, 298-305.	0.2	0
15	<i>Pseudomonas alkylphenolica</i> sp. nov., a bacterial species able to form special aerial structures when grown on p-cresol. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4013-4018.	1.7	31
16	An alginate-like exopolysaccharide biosynthesis gene cluster involved in biofilm aerial structure formation by <i>Pseudomonas alkylphenolia</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 4137-4148.	3.6	16
17	Complete genome sequence of the mushroom-like aerial structure-forming <i>Pseudomonas alkylphenolia</i> , a platform bacterium for mass production of poly- $\beta$ -D-mannuronates. <i>Journal of Biotechnology</i> , 2014, 192, 20-21.	3.8	9
18	Construction of Overexpression Vectors and Purification of the Oxygenase Component of Alkylphenol Hydroxylase of <i>Pseudomonas alkylphenolia</i> . <i>Korean Journal of Microbiology</i> , 2013, 49, 95-98.	0.2	1

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19	Ssg, a putative glycosyltransferase, functions in lipo- and exopolysaccharide biosynthesis and cell surface-related properties in <i>Pseudomonas alkylphenolia</i> . FEMS Microbiology Letters, 2011, 315, 38-45.	1.8	24
20	Augmented production of poly- $\beta$ -D-mannuronate and its acetylated forms by <i>Pseudomonas</i> . Process Biochemistry, 2011, 46, 328-334.	3.7	12
21	Synthesis and characterization of conducting polypyrrole-polymannuronate nanocomposites. Journal of Polymer Research, 2010, 17, 233-239.	2.4	17
22	Crystal Structure and Functional Analysis of the Extradial Dioxygenase LapB from a Long-chain Alkylphenol Degradation Pathway in <i>Pseudomonas</i> . Journal of Biological Chemistry, 2009, 284, 34321-34330.	3.4	22
23	Formation of specialized aerial architectures by <i>Rhodococcus</i> during utilization of vaporized p-cresol. Microbiology (United Kingdom), 2009, 155, 3788-3796.	1.8	15
24	Surface characterization and electrical behavior of polyaniline-polymannuronate nanocomposites. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 36-45.	2.1	28
25	Ultramicrocells form by reductive division in macroscopic <i>Pseudomonas</i> aerial structures. Environmental Microbiology, 2009, 11, 1117-1125.	3.8	14
26	Mutation of <i>rpoS</i> enhances <i>Pseudomonas</i> sp. KL28 growth at higher concentrations of m-cresol and changes its surface-related phenotypes. FEMS Microbiology Letters, 2007, 269, 97-103.	1.8	13
27	Effect of <i>gacS</i> and <i>gacA</i> mutations on colony architecture, surface motility, biofilm formation and chemical toxicity in <i>Pseudomonas</i> sp. KL28. Journal of Microbiology, 2007, 45, 492-8.	2.8	19
28	p-Hydroxylation reactions catalyzed by naphthalene dioxygenase. FEMS Microbiology Letters, 2006, 255, 316-320.	1.8	15
29	Identification and expression of the <i>cym</i> , <i>cmt</i> , and <i>tod</i> catabolic genes from <i>Pseudomonas putida</i> KL47: expression of the regulatory <i>todS</i> genes as a factor for catabolic adaptation. Journal of Microbiology, 2006, 44, 192-9.	2.8	7
30	Expansion of growth substrate range in <i>Pseudomonas putida</i> F1 by mutations in both <i>cymR</i> and <i>todS</i> , which recruit a ring-fission hydrolase <i>CmtE</i> and induce the <i>tod</i> catabolic operon, respectively. Microbiology (United Kingdom), 2003, 149, 795-805.	1.8	42
31	3- and 4-alkylphenol degradation pathway in <i>Pseudomonas</i> sp. strain KL28: genetic organization of the <i>lap</i> gene cluster and substrate specificities of phenol hydroxylase and catechol 2,3-dioxygenase. Microbiology (United Kingdom), 2003, 149, 3265-3277.	1.8	82
32	Improved degradation of 4-chlorobiphenyl, 2,3-dihydroxybiphenyl, and catecholic compounds by recombinant bacterial strains. Biotechnology and Bioprocess Engineering, 2001, 6, 56-60.	2.6	0
33	Benzene-Induced Uncoupling of Naphthalene Dioxygenase Activity and Enzyme Inactivation by Production of Hydrogen Peroxide. Journal of Bacteriology, 1999, 181, 2719-2725.	2.2	82
34	Structure of an aromatic-ring-hydroxylating dioxygenase - naphthalene 1,2-dioxygenase. Structure, 1998, 6, 571-586.	3.3	512