

Woojun Park

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

137
papers

3,171
citations

32
h-index

47
g-index

148
ext. papers

4,051
ext. citations

4
avg, IF

5.82
L-index

#	Paper	IF	Citations
137	Development of a novel compressed tablet-based bacterial agent for self-healing cementitious material. <i>Cement and Concrete Composites</i> , 2022 , 129, 104514	8.6	0
136	Occurrence of antibiotic resistance genes and multidrug-resistant bacteria during wastewater treatment processes.. <i>Science of the Total Environment</i> , 2021 , 811, 152331	10.2	1
135	Linkage between bacterial community-mediated hydrogen peroxide detoxification and the growth of <i>Microcystis aeruginosa</i> . <i>Water Research</i> , 2021 , 207, 117784	12.5	0
134	Genomic and phenotypic analyses of multidrug-resistant NCCP 16007 isolated from a patient with a urinary tract infection. <i>Virulence</i> , 2021 , 12, 150-164	4.7	8
133	Raman spectroscopy reveals alteration of spore compositions under different nutritional conditions in <i>Lysinibacillus boronitolerans</i> YS11. <i>Journal of Microbiology</i> , 2021 , 59, 491-499	3	2
132	Gain and loss of antibiotic resistant genes in multidrug resistant bacteria: One Health perspective. <i>Journal of Microbiology</i> , 2021 , 59, 535-545	3	6
131	A novel decoy strategy for polymyxin resistance in. <i>ELife</i> , 2021 , 10,	8.9	3
130	Agricultural by-products and oyster shell as alternative nutrient sources for microbial sealing of early age cracks in mortar. <i>AMB Express</i> , 2021 , 11, 11	4.1	6
129	Killing effect of deinoxanthins on cyanobloom-forming <i>Microcystis aeruginosa</i> : Eco-friendly production and specific activity of deinoxanthins. <i>Environmental Research</i> , 2021 , 200, 111455	7.9	1
128	sp. nov., isolated from a culture sample.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	1
127	Protective Role of Bacterial Alkanesulfonate Monooxygenase under Oxidative Stress. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	4
126	Seasonal dynamics of the bacterial communities associated with cyanobacterial blooms in the Han River. <i>Environmental Pollution</i> , 2020 , 266, 115198	9.3	16
125	Optimization of bacterial sporulation using economic nutrient for self-healing concrete. <i>Journal of Microbiology</i> , 2020 , 58, 288-296	3	8
124	Effects of spray-dried co-cultured bacteria on cement mortar. <i>Construction and Building Materials</i> , 2020 , 243, 118206	6.7	12
123	Erratum for Park et al., Protective Role of Bacterial Alkanesulfonate Monooxygenase under Oxidative Stress□ <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	1
122	Complete Genome and Calcium Carbonate Precipitation of sp. AK13 for Self-Healing Concrete. <i>Journal of Microbiology and Biotechnology</i> , 2020 , 30, 404-416	3.3	5
121	Bacterial Self-Healing Performance of Coated Expanded Clay in Concrete. <i>Journal of Environmental Engineering, ASCE</i> , 2020 , 146, 04020072	2	5

120	sp. nov., a alkaliphilic bacterium from the rhizosphere of. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 1843-1849	2.2	7
119	sp. nov. isolated from the Hapcheon-Changnyeong barrage area in the Nakdong river. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 6091-6097	2.2	0
118	sp. nov., a cold-adapted bacterium isolated from Antarctic soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 6106-6114	2.2	3
117	OxyR-controlled surface polysaccharide production and biofilm formation in <i>Acinetobacter oleivorans</i> DR1. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 1259-1271	5.7	2
116	Stress responses linked to antimicrobial resistance in <i>Acinetobacter</i> species. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 1423-1435	5.7	5
115	Sterilization efficiency of pathogen-contaminated cottons in a laundry machine. <i>Journal of Microbiology</i> , 2020 , 58, 30-38	3	4
114	Amentoflavone, a novel cyanobacterial killing agent from <i>Selaginella tamariscina</i> . <i>Journal of Hazardous Materials</i> , 2020 , 384, 121312	12.8	17
113	Enhanced calcium carbonate-biofilm complex formation by alkali-generating <i>Lysinibacillus boronitolerans</i> YS11 and alkaliphilic <i>Bacillus</i> sp. AK13. <i>AMB Express</i> , 2019 , 9, 49	4.1	16
112	Effectiveness of expanded clay as a bacteria carrier for self-healing concrete. <i>Applied Biological Chemistry</i> , 2019 , 62,	2.9	22
111	Alternative fate of glyoxylate during acetate and hexadecane metabolism in <i>Acinetobacter oleivorans</i> DR1. <i>Scientific Reports</i> , 2019 , 9, 14402	4.9	4
110	Low-cost cultivation and sporulation of alkaliphilic sp. strain AK13 for self-healing concrete. <i>Journal of Microbiology and Biotechnology</i> , 2019 , 29, 1982-1992	3.3	3
109	Culture-independent and culture-dependent analyses of the bacterial community in the phycosphere of cyanobloom-forming <i>Microcystis aeruginosa</i> . <i>Scientific Reports</i> , 2019 , 9, 20416	4.9	26
108	Current challenges and future directions for bacterial self-healing concrete. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 3059-3070	5.7	74
107	4-Hydroxybenzaldehyde sensitizes <i>Acinetobacter baumannii</i> to amphenicols. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 2323-2335	5.7	11
106	Survival and Energy Producing Strategies of Alkane Degraders Under Extreme Conditions and Their Biotechnological Potential. <i>Frontiers in Microbiology</i> , 2018 , 9, 1081	5.7	29
105	Expression and deletion analyses of <i>cspE</i> encoding cold-shock protein E in <i>Acinetobacter oleivorans</i> DR1. <i>Research in Microbiology</i> , 2018 , 169, 244-253	4	3
104	Genome Analysis of Naphthalene-Degrading sp. AS1 Harboring the Megaplasmid pAS1. <i>Journal of Microbiology and Biotechnology</i> , 2018 , 28, 330-337	3.3	5
103	<i>Methylobacterium currus</i> sp. nov., isolated from a car air conditioning system. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 3621-3626	2.2	11

102	Lack of glyoxylate shunt dysregulates iron homeostasis in <i>Pseudomonas aeruginosa</i> . <i>Microbiology (United Kingdom)</i> , 2018 , 164, 587-599	2.9	15
101	Zoonotic Diseases and Phytochemical Medicines for Microbial Infections in Veterinary Science: Current State and Future Perspective. <i>Frontiers in Veterinary Science</i> , 2018 , 5, 166	3.1	17
100	Lineage-specific SoxR-mediated Regulation of an Endoribonuclease Protects Non-enteric Bacteria from Redox-active Compounds. <i>Journal of Biological Chemistry</i> , 2017 , 292, 121-133	5.4	12
99	Inhibitory Effect of Taurine on Biofilm Formation During Alkane Degradation in <i>Acinetobacter oleivorans</i> DR1. <i>Microbial Ecology</i> , 2017 , 74, 821-831	4.4	12
98	Modulation of calcium carbonate precipitation by exopolysaccharide in <i>Bacillus</i> sp. JH7. <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 6551-6561	5.7	15
97	Non-ureolytic calcium carbonate precipitation by <i>Lysinibacillus</i> sp. YS11 isolated from the rhizosphere of <i>Miscanthus sacchariflorus</i> . <i>Journal of Microbiology</i> , 2017 , 55, 440-447	3	25
96	Antibiotic resistance of pathogenic <i>Acinetobacter</i> species and emerging combination therapy. <i>Journal of Microbiology</i> , 2017 , 55, 837-849	3	27
95	Metabolic and stress responses of <i>Acinetobacter oleivorans</i> DR1 during long-chain alkane degradation. <i>Microbial Biotechnology</i> , 2017 , 10, 1809-1823	6.3	21
94	Indole-Induced Activities of β -Lactamase and Efflux Pump Confer Ampicillin Resistance in KT2440. <i>Frontiers in Microbiology</i> , 2017 , 8, 433	5.7	14
93	Metagenomic and functional analyses of the consequences of reduction of bacterial diversity on soil functions and bioremediation in diesel-contaminated microcosms. <i>Scientific Reports</i> , 2016 , 6, 23012	4.9	71
92	High Concentration of Red Clay as an Alternative for Antibiotics in Aquaculture. <i>Journal of Microbiology and Biotechnology</i> , 2016 , 26, 130-8	3.3	3
91	Calcium Carbonate Precipitation by <i>Bacillus</i> and <i>Sporosarcina</i> Strains Isolated from Concrete and Analysis of the Bacterial Community of Concrete. <i>Journal of Microbiology and Biotechnology</i> , 2016 , 26, 540-8	3.3	36
90	Endogenous hydrogen peroxide increases biofilm formation by inducing exopolysaccharide production in <i>Acinetobacter oleivorans</i> DR1. <i>Scientific Reports</i> , 2016 , 6, 21121	4.9	41
89	Draft Genome Sequences of Two Ureolytic Bacteria Isolated from Concrete Block Waste. <i>Genome Announcements</i> , 2016 , 4,		1
88	Role of Glyoxylate Shunt in Oxidative Stress Response. <i>Journal of Biological Chemistry</i> , 2016 , 291, 11928-34	5.8	110
87	<i>Acinetobacter</i> species as model microorganisms in environmental microbiology: current state and perspectives. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 2533-48	5.7	92
86	Molecular Mechanisms of Enhanced Bacterial Growth on Hexadecane with Red Clay. <i>Microbial Ecology</i> , 2015 , 70, 912-21	4.4	11
85	Indole: a signaling molecule or a mere metabolic byproduct that alters bacterial physiology at a high concentration?. <i>Journal of Microbiology</i> , 2015 , 53, 421-8	3	67

84	Molecular mechanism involved in the response to hydrogen peroxide stress in <i>Acinetobacter oleivorans</i> DR1. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 10611-26	5.7	15
83	Recovery of plasmid pEMB1, whose toxin-antitoxin system stabilizes an ampicillin resistance-conferring β -lactamase gene in <i>Escherichia coli</i> , from natural environments. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 40-7	4.8	9
82	Synergistic Effect of Oleanolic Acid on Aminoglycoside Antibiotics against <i>Acinetobacter baumannii</i> . <i>PLoS ONE</i> , 2015 , 10, e0137751	3.7	18
81	Expression of the mexA Gene Requires the DNA Helicase RecG in <i>Pseudomonas aeruginosa</i> PAO1. <i>Journal of Microbiology and Biotechnology</i> , 2015 , 25, 492-5	3.3	
80	Previously undescribed plasmids recovered from activated sludge confer tetracycline resistance and phenotypic changes to <i>Acinetobacter oleivorans</i> DR1. <i>Microbial Ecology</i> , 2014 , 67, 369-79	4.4	11
79	TetR repressor-based bioreporters for the detection of doxycycline using <i>Escherichia coli</i> and <i>Acinetobacter oleivorans</i> . <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 5039-50	5.7	10
78	Oxidative stress response in <i>Pseudomonas putida</i> . <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 6933-46	5.7	77
77	Effect of red clay on diesel bioremediation and soil bacterial community. <i>Microbial Ecology</i> , 2014 , 68, 314-23	4.4	14
76	Plasmid-encoded tetracycline efflux pump protein alters bacterial stress responses and ecological fitness of <i>Acinetobacter oleivorans</i> . <i>PLoS ONE</i> , 2014 , 9, e107716	3.7	15
75	Pyrosequencing-based analysis of bacterial community and metabolites profiles in Korean traditional seafood fermentation: a flatfish-fermented seafood. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014 , 78, 908-10	2.1	8
74	Comparative genomic and transcriptomic analyses of NaCl-tolerant <i>Staphylococcus</i> sp. OJ82 isolated from fermented seafood. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 807-22	5.7	17
73	Global transcriptome and physiological responses of <i>Acinetobacter oleivorans</i> DR1 exposed to distinct classes of antibiotics. <i>PLoS ONE</i> , 2014 , 9, e110215	3.7	27
72	Gut microbiota of <i>Tenebrio molitor</i> and their response to environmental change. <i>Journal of Microbiology and Biotechnology</i> , 2014 , 24, 888-97	3.3	37
71	Biochemical characterization of L-asparaginase in NaCl-tolerant <i>Staphylococcus</i> sp. OJ82 isolated from fermented seafood. <i>Journal of Microbiology and Biotechnology</i> , 2014 , 24, 1096-104	3.3	21
70	Primers for amplification of nitrous oxide reductase genes associated with Firmicutes and Bacteroidetes in organic-compound-rich soils. <i>Microbiology (United Kingdom)</i> , 2013 , 159, 307-315	2.9	17
69	Indole inhibits bacterial quorum sensing signal transmission by interfering with quorum sensing regulator folding. <i>Microbiology (United Kingdom)</i> , 2013 , 159, 2616-2625	2.9	43
68	Identification and characterization of genes regulated by AqsR, a LuxR-type regulator in <i>Acinetobacter oleivorans</i> DR1. <i>Applied Microbiology and Biotechnology</i> , 2013 , 97, 6967-78	5.7	13
67	<i>Aestuuriibaculum suncheonense</i> gen. nov., sp. nov., a marine bacterium of the family Flavobacteriaceae isolated from a tidal flat and emended descriptions of the genera <i>Gaetbulibacter</i> and <i>Tamlana</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 332-338	2.2	30

66	The effect of toxic malachite green on the bacterial community in Antarctic soil and the physiology of malachite green-degrading <i>Pseudomonas</i> sp. MGO. <i>Applied Microbiology and Biotechnology</i> , 2013 , 97, 4511-21	5.7	8
65	Comparative genomic and transcriptomic analyses reveal habitat differentiation and different transcriptional responses during pectin metabolism in <i>Alishewanella</i> species. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 6351-61	4.8	10
64	Indole toxicity involves the inhibition of adenosine triphosphate production and protein folding in <i>Pseudomonas putida</i> . <i>FEMS Microbiology Letters</i> , 2013 , 343, 89-99	2.9	33
63	Short-term effect of elevated temperature on the abundance and diversity of bacterial and archaeal amoA genes in Antarctic Soils. <i>Journal of Microbiology and Biotechnology</i> , 2013 , 23, 1187-96	3.3	13
62	Pyrosequencing-based analysis of the bacterial community in Korean traditional seafood, ojingeo jeotgal. <i>Journal of Microbiology and Biotechnology</i> , 2013 , 23, 1428-33	3.3	14
61	Insight into norfloxacin resistance of <i>Acinetobacter oleivorans</i> DR1: target gene mutation, persister, and RNA-Seq analyses. <i>Journal of Microbiology and Biotechnology</i> , 2013 , 23, 1293-303	3.3	13
60	Pleiotropic effects of the mioC mutation on the physiology of <i>Pseudomonas aeruginosa</i> PAO1. <i>FEMS Microbiology Letters</i> , 2012 , 335, 47-57	2.9	6
59	Complexity of cell-cell interactions between <i>Pseudomonas</i> sp. AS1 and <i>Acinetobacter oleivorans</i> DR1: metabolic commensalism, biofilm formation and quorum quenching. <i>Research in Microbiology</i> , 2012 , 163, 173-81	4	15
58	Effects of non-ionic solute stresses on biofilm formation and lipopolysaccharide production in <i>Escherichia coli</i> O157:H7. <i>Research in Microbiology</i> , 2012 , 163, 258-67	4	11
57	<i>Pedobacter jeongneungensis</i> sp. nov., isolated from forest soil. <i>Journal of Microbiology</i> , 2012 , 50, 660-4	3	3
56	Effects of nutritional input and diesel contamination on soil enzyme activities and microbial communities in Antarctic soils. <i>Journal of Microbiology</i> , 2012 , 50, 916-24	3	20
55	AFM probing the mechanism of synergistic effects of the green tea polyphenol (-)-epigallocatechin-3-gallate (EGCG) with cefotaxime against extended-spectrum beta-lactamase (ESBL)-producing <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2012 , 7, e48880	3.7	18
54	Seasonal changes in nitrogen-cycle gene abundances and in bacterial communities in acidic forest soils. <i>Journal of Microbiology</i> , 2012 , 50, 365-73	3	33
53	Genome sequence of extracellular-protease-producing <i>Alishewanella jeotgali</i> isolated from traditional Korean fermented seafood. <i>Journal of Bacteriology</i> , 2012 , 194, 2097	3.5	13
52	Genome sequence of pectin-degrading <i>Alishewanella aestuarii</i> strain B11(T), isolated from tidal flat sediment. <i>Journal of Bacteriology</i> , 2012 , 194, 5476	3.5	6
51	ATP-dependent RecG helicase is required for the transcriptional regulator OxyR function in <i>Pseudomonas</i> species. <i>Journal of Biological Chemistry</i> , 2012 , 287, 24492-504	5.4	12
50	Genome sequence of pectin-degrading <i>Alishewanella agri</i> , isolated from landfill soil. <i>Journal of Bacteriology</i> , 2012 , 194, 5135-6	3.5	8
49	Genome sequence of the halotolerant <i>Staphylococcus</i> sp. strain OJ82, isolated from Korean traditional salt-fermented seafood. <i>Journal of Bacteriology</i> , 2012 , 194, 6353-4	3.5	5

48	Comparative genomics reveals adaptation by <i>Alteromonas</i> sp. SN2 to marine tidal-flat conditions: cold tolerance and aromatic hydrocarbon metabolism. <i>PLoS ONE</i> , 2012 , 7, e35784	3.7	77
47	Biochemical characterization of ferredoxin-NADP(+) reductase interaction with flavodoxin in <i>Pseudomonas putida</i> . <i>BMB Reports</i> , 2012 , 45, 476-81	5.5	8
46	<i>Litorimonas taeanensis</i> gen. nov., sp. nov., isolated from a sandy beach. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 1534-1538	2.2	39
45	Molecular characterization of the extracellular matrix in a <i>Pseudomonas putida</i> dsbA mutant: implications for acidic stress defense and plant growth promotion. <i>Research in Microbiology</i> , 2011 , 162, 302-10	4	5
44	Detection of genetically modified microorganisms in soil using the most-probable-number method with multiplex PCR and DNA dot blot. <i>Research in Microbiology</i> , 2011 , 162, 807-16	4	1
43	Change in gene abundance in the nitrogen biogeochemical cycle with temperature and nitrogen addition in Antarctic soils. <i>Research in Microbiology</i> , 2011 , 162, 1018-26	4	105
42	YkgM and ZinT proteins are required for maintaining intracellular zinc concentration and producing curli in enterohemorrhagic <i>Escherichia coli</i> (EHEC) O157:H7 under zinc deficient conditions. <i>International Journal of Food Microbiology</i> , 2011 , 149, 159-70	5.8	11
41	Phenotypic and physiological changes in <i>Acinetobacter</i> sp. strain DR1 with exogenous plasmid. <i>Current Microbiology</i> , 2011 , 62, 249-54	2.4	12
40	Functional switching of a novel prokaryotic 2-Cys peroxiredoxin (PpPrx) under oxidative stress. <i>Cell Stress and Chaperones</i> , 2011 , 16, 317-28	4	19
39	<i>Acinetobacter oleivorans</i> sp. nov. is capable of adhering to and growing on diesel-oil. <i>Journal of Microbiology</i> , 2011 , 49, 29-34	3	49
38	Physiological and metabolic responses for hexadecane degradation in <i>Acinetobacter oleivorans</i> DR1. <i>Journal of Microbiology</i> , 2011 , 49, 208-15	3	23
37	Comparative genomic analysis of <i>Acinetobacter oleivorans</i> DR1 to determine strain-specific genomic regions and gentisate biodegradation. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 7418-24 ⁸	4.8	22
36	<i>Pusillimonas harenae</i> sp. nov., isolated from a sandy beach, and emended description of the genus <i>Pusillimonas</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 2901-2906	2.2	19
35	<i>Luteimonas lutimaris</i> sp. nov., isolated from a tidal flat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 2729-2733	2.2	24
34	Trade-off between antibiotic resistance and biological fitness in <i>Acinetobacter</i> sp. strain DR1. <i>Environmental Microbiology</i> , 2010 , 12, 1304-18	5.2	49
33	Phenotypic and physiological alterations by heterologous acylhomoserine lactone synthase expression in <i>Pseudomonas putida</i> . <i>Microbiology (United Kingdom)</i> , 2010 , 156, 3762-3772	2.9	11
32	Complete genome sequence of the diesel-degrading <i>Acinetobacter</i> sp. strain DR1. <i>Journal of Bacteriology</i> , 2010 , 192, 4794-5	3.5	51
31	<i>Hwanghaeicola aestuarii</i> gen. nov., sp. nov., a moderately halophilic bacterium isolated from a tidal flat of the Yellow Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2877-2881	2.2	26

30	Iron homeostasis affects antibiotic-mediated cell death in <i>Pseudomonas</i> species. <i>Journal of Biological Chemistry</i> , 2010 , 285, 22689-95	5.4	87
29	<i>Muriicola jejuensis</i> gen. nov., sp. nov., isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1644-1648	2.2	7
28	Molecular characterization of FinR, a novel redox-sensing transcriptional regulator in <i>Pseudomonas putida</i> KT2440. <i>Microbiology (United Kingdom)</i> , 2010 , 156, 1487-1496	2.9	15
27	<i>Flavobacterium fluvii</i> sp. nov., isolated from stream sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 353-357	2.2	14
26	NtrC-sensed nitrogen availability is important for oxidative stress defense in <i>Pseudomonas putida</i> KT2440. <i>Journal of Microbiology</i> , 2010 , 48, 153-9	3	15
25	Protection against diesel oil toxicity by sodium chloride-induced exopolysaccharides in <i>Acinetobacter</i> sp. strain DR1. <i>Journal of Bioscience and Bioengineering</i> , 2010 , 109, 118-23	3.3	45
24	Antipathogenic properties of green tea polyphenol epigallocatechin gallate at concentrations below the MIC against enterohemorrhagic <i>Escherichia coli</i> O157:H7. <i>Journal of Food Protection</i> , 2009 , 72, 325-31	2.5	63
23	In vitro and in vivo interactions of ferredoxin-NADP ⁺ reductases in <i>Pseudomonas putida</i> . <i>Journal of Biochemistry</i> , 2009 , 145, 481-91	3.1	15
22	Ferredoxin-NADP ⁺ reductase from <i>Pseudomonas putida</i> functions as a ferric reductase. <i>Journal of Bacteriology</i> , 2009 , 191, 1472-9	3.5	32
21	Intracellular 2-keto-3-deoxy-6-phosphogluconate is the signal for carbon catabolite repression of phenylacetic acid metabolism in <i>Pseudomonas putida</i> KT2440. <i>Microbiology (United Kingdom)</i> , 2009 , 155, 2420-2428	2.9	13
20	Inactivation of the <i>Pseudomonas putida</i> KT2440 <i>dsbA</i> gene promotes extracellular matrix production and biofilm formation. <i>FEMS Microbiology Letters</i> , 2009 , 297, 38-48	2.9	19
19	Dual regulation of <i>zwf-1</i> by both 2-keto-3-deoxy-6-phosphogluconate and oxidative stress in <i>Pseudomonas putida</i> . <i>Microbiology (United Kingdom)</i> , 2008 , 154, 3905-3916	2.9	47
18	Effect of sodium hydroxide treatment of bacterial cellulose on cellulase activity. <i>Cellulose</i> , 2008 , 15, 465-471	5.5	19
17	Ribosome Display and Dip-Pen Nanolithography for the Fabrication of Protein Nanoarrays. <i>Advanced Materials</i> , 2008 , 20, 3349-3353	24	14
16	The role of disulfide bond isomerase A (DsbA) of <i>Escherichia coli</i> O157:H7 in biofilm formation and virulence. <i>FEMS Microbiology Letters</i> , 2008 , 278, 213-22	2.9	30
15	Polyhydroxyalkanoate (PHA) production using waste vegetable oil by <i>Pseudomonas</i> sp. strain DR2. <i>Journal of Microbiology and Biotechnology</i> , 2008 , 18, 1408-15	3.3	48
14	<i>Simplicispira limi</i> sp. nov., isolated from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 31-34	2.2	48
13	<i>Flavobacterium filum</i> sp. nov., isolated from a wastewater treatment plant in Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2026-2030	2.2	28

12	Methylobacterium platani sp. nov., isolated from a leaf of the tree Platanus orientalis. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2849-2853	2.2	35
11	Overexpressing antioxidant enzymes enhances naphthalene biodegradation in Pseudomonas sp. strain As1. <i>Microbiology (United Kingdom)</i> , 2007 , 153, 3246-3254	2.9	36
10	Molecular characterization of fprB (ferredoxin-NADP+ reductase) in Pseudomonas putida KT2440. <i>Journal of Microbiology and Biotechnology</i> , 2007 , 17, 1504-12	3.3	10
9	Runella limosa sp. nov., isolated from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 2757-2760	2.2	24
8	Flavobacterium croceum sp. nov., isolated from activated sludge. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 2443-2447	2.2	33
7	Expression analysis of the fpr (ferredoxin-NADP+ reductase) gene in Pseudomonas putida KT2440. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 339, 1246-54	3.4	33
6	Regulation of superoxide stress in Pseudomonas putida KT2440 is different from the SoxR paradigm in Escherichia coli. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 341, 51-6	3.4	58
5	The role of periplasmic antioxidant enzymes (superoxide dismutase and thiol peroxidase) of the Shiga toxin-producing Escherichia coli O157:H7 in the formation of biofilms. <i>Proteomics</i> , 2006 , 6, 6181-93	4.8	63
4	Polaromonas naphthalenivorans sp. nov., a naphthalene-degrading bacterium from naphthalene-contaminated sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 93-97	2.2	133
3	Identification and characterization of the conjugal transfer region of the pCg1 plasmid from naphthalene-degrading Pseudomonas putida Cg1. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 3263-71	4.8	20
2	Interaction of NahR, a LysR-type transcriptional regulator, with the alpha subunit of RNA polymerase in the naphthalene degrading bacterium, Pseudomonas putida NCIB 9816-4. <i>FEMS Microbiology Letters</i> , 2002 , 213, 159-65	2.9	25
1	nahR, encoding a LysR-type transcriptional regulator, is highly conserved among naphthalene-degrading bacteria isolated from a coal tar waste-contaminated site and in extracted community DNA. <i>Microbiology (United Kingdom)</i> , 2002 , 148, 2319-2329	2.9	31