

# Sang-Hee Lee

## List of Publications by Year in descending order

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131  
papers

5,009  
citations

117625

34  
h-index

98798

67  
g-index

135  
all docs

135  
docs citations

135  
times ranked

6702  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biology of <i>Acinetobacter baumannii</i> : Pathogenesis, Antibiotic Resistance Mechanisms, and Prospective Treatment Options. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 55.	3.9	671
2	Global Dissemination of Carbapenemase-Producing <i>Klebsiella pneumoniae</i> : Epidemiology, Genetic Context, Treatment Options, and Detection Methods. <i>Frontiers in Microbiology</i> , 2016, 7, 895.	3.5	528
3	Strategies to Minimize Antibiotic Resistance. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 4274-4305.	2.6	308
4	Antimicrobial Resistance of Hypervirulent <i>Klebsiella pneumoniae</i> : Epidemiology, Hypervirulence-Associated Determinants, and Resistance Mechanisms. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 483.	3.9	299
5	Investigation of a Nosocomial Outbreak of Imipenem-Resistant <i>Acinetobacter baumannii</i> Producing the OXA-23 $\beta$ -Lactamase in Korea. <i>Journal of Clinical Microbiology</i> , 2005, 43, 2241-2245.	3.9	143
6	Safety reporting on implantation of autologous adipose tissue-derived stem cells with platelet-rich plasma into human articular joints. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 337.	1.9	132
7	Structural Basis for Carbapenem-Hydrolyzing Mechanisms of Carbapenemases Conferring Antibiotic Resistance. <i>International Journal of Molecular Sciences</i> , 2015, 16, 9654-9692.	4.1	129
8	Acidic polysaccharide isolated from <i>Phellinus linteus</i> enhances through the up-regulation of nitric oxide and tumor necrosis factor- $\alpha$ from peritoneal macrophages. <i>Journal of Ethnopharmacology</i> , 2004, 95, 69-76.	4.1	127
9	Freshwater viral metagenome reveals novel and functional phage-borne antibiotic resistance genes. <i>Microbiome</i> , 2020, 8, 75.	11.1	118
10	Molecular Characterization of Extended-Spectrum Beta-Lactamases Produced by Clinical Isolates of <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> from a Korean Nationwide Survey. <i>Journal of Clinical Microbiology</i> , 2004, 42, 2902-2906.	3.9	104
11	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
12	Regulation of Polar Peptidoglycan Biosynthesis by Wag31 Phosphorylation in <i>Mycobacteria</i> . <i>BMC Microbiology</i> , 2010, 10, 327.	3.3	95
13	Regenerative Repair of Damaged Meniscus with Autologous Adipose Tissue-Derived Stem Cells. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	81
14	Cartilage Regeneration in Humans with Adipose Tissue-Derived Stem Cells and Adipose Stromal Vascular Fraction Cells: Updated Status. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2146.	4.1	80
15	Current use of autologous adipose tissue-derived stromal vascular fraction cells for orthopedic applications. <i>Journal of Biomedical Science</i> , 2017, 24, 9.	7.0	78
16	Detection of Extended-Spectrum $\beta$ -Lactamases by Using Boronic Acid as an AmpC $\beta$ -Lactamase Inhibitor in Clinical Isolates of <i>Klebsiella</i> spp. and <i>Escherichia coli</i> . <i>Journal of Clinical Microbiology</i> , 2007, 45, 1180-1184.	3.9	76
17	Educational Effectiveness, Target, and Content for Prudent Antibiotic Use. <i>BioMed Research International</i> , 2015, 2015, 1-13.	1.9	70
18	Characterization of a new integron containing VIM-2, a metallo- $\beta$ -lactamase gene cassette, in a clinical isolate of <i>Enterobacter cloacae</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 51, 397-400.	3.0	68

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19	Cartilage Regeneration in Human with Adipose Tissue-Derived Stem Cells: Current Status in Clinical Implications. <i>BioMed Research International</i> , 2016, 2016, 1-12.	1.9	68
20	New definitions of extended-spectrum $\beta$ -lactamase conferring worldwide emerging antibiotic resistance. <i>Medicinal Research Reviews</i> , 2012, 32, 216-232.	10.5	64
21	Novel Metagenome-Derived Carboxylesterase That Hydrolyzes $\beta$ -Lactam Antibiotics. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7830-7836.	3.1	63
22	Comparison of Chemical Compositions and Antimicrobial Activities of Essential Oils from Three Conifer Trees; <i>Pinus densiflora</i> , <i>Cryptomeria japonica</i> , and <i>Chamaecyparis obtusa</i> . <i>Journal of Microbiology and Biotechnology</i> , 2009, 19, 391-396.	2.1	61
23	Impact of Clarithromycin Resistance on Eradication of <i>Helicobacter pylori</i> in Infected Adults. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 1600-1603.	3.2	57
24	First Outbreak of <i>Klebsiella pneumoniae</i> Clinical Isolates Producing GES-5 and SHV-12 Extended-Spectrum $\beta$ -Lactamases in Korea. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 4809-4810.	3.2	56
25	Regeneration of Cartilage in Human Knee Osteoarthritis with Autologous Adipose Tissue-Derived Stem Cells and Autologous Extracellular Matrix. <i>BioResearch Open Access</i> , 2016, 5, 192-200.	2.6	53
26	Molecular characterization of TEM-type beta-lactamases identified in cold-seep sediments of Edison Seamount (south of Lihir Island, Papua New Guinea). <i>Journal of Microbiology</i> , 2005, 43, 172-8.	2.8	51
27	Analyses of Mlc <sup>IIB</sup> <sup>Glc</sup> interaction and a plausible molecular mechanism of Mlc inactivation by membrane sequestration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3751-3756.	7.1	50
28	Genetic and biochemical characterization of GES-5, an extended-spectrum class A $\beta$ -lactamase from <i>Klebsiella pneumoniae</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2007, 58, 465-468.	1.8	44
29	Structure of ADC-68, a novel carbapenem-hydrolyzing class C extended-spectrum $\beta$ -lactamase isolated from <i>Acinetobacter baumannii</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 2924-2936.	2.5	43
30	A Novel Biological Approach to Treat Chondromalacia Patellae. <i>PLoS ONE</i> , 2013, 8, e64569.	2.5	42
31	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
32	Dissemination of transferable CTX-M-type extended-spectrum beta-lactamase-producing <i>Escherichia coli</i> in Korea. <i>Journal of Applied Microbiology</i> , 2005, 98, 921-927.	3.1	38
33	Characterization of blaCMY-10 a novel, plasmid-encoded AmpC-type beta-lactamase gene in a clinical isolate of <i>Enterobacter aerogenes</i> . <i>Journal of Applied Microbiology</i> , 2003, 95, 744-752.	3.1	36
34	Novel Complex Class 1 Integron Bearing an IS CR1 Element in an <i>Escherichia coli</i> Isolate Carrying the bla CTX-M-14 Gene. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 3017-3019.	3.2	36
35	Characterization of a chromosomal toxin-antitoxin, Rv1102c-Rv1103c system in <i>Mycobacterium tuberculosis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2010, 400, 293-298.	2.1	34
36	Complete resolution of avascular necrosis of the human femoral head treated with adipose tissue-derived stem cells and platelet-rich plasma. <i>Journal of International Medical Research</i> , 2014, 42, 1353-1362.	1.0	34

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37	A lack of drugs for antibiotic-resistant Gram-negative bacteria. <i>Nature Reviews Drug Discovery</i> , 2007, 6, 938-938.	46.4	33
38	Quantitative proteomic view associated with resistance to clinically important antibiotics in Gram-positive bacteria: a systematic review. <i>Frontiers in Microbiology</i> , 2015, 6, 828.	3.5	33
39	Characterization of blaCMY-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
40	Clinical Applications of Platelet-Rich Plasma in Patellar Tendinopathy. <i>BioMed Research International</i> , 2014, 2014, 1-15.	1.9	30
41	Time-resolved pathogenic gene expression analysis of the plant pathogen <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>BMC Genomics</i> , 2016, 17, 345.	2.8	28
42	New Disturbing Trend in Antimicrobial Resistance of Gram-Negative Pathogens. <i>PLoS Pathogens</i> , 2009, 5, e1000221.	4.7	27
43	Investigation of a nosocomial outbreak of <i>Acinetobacter baumannii</i> producing PER-1 extended-spectrum $\beta$ -lactamase in an intensive care unit. <i>Journal of Hospital Infection</i> , 2005, 59, 242-248.	2.9	26
44	How to minimise antibiotic resistance. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 17-18.	9.1	26
45	Lipid A Biosynthesis of Multidrug-Resistant Pathogens - A Novel Drug Target. <i>Current Pharmaceutical Design</i> , 2013, 19, 6534-6550.	1.9	25
46	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
47	Novel Variants of the qnrB Gene, qnrB22 and qnrB23 , in <i>Citrobacter werkmanii</i> and <i>Citrobacter freundii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3068-3069.	3.2	23
48	Emerging Strategies to Combat $\beta$ -Lactamase Producing ESKAPE Pathogens. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8527.	4.1	22
49	Genetic organization of the putative salbostatin biosynthetic gene cluster including the 2-epi-5-epi-valiolone synthase gene in <i>Streptomyces albus</i> ATCC 21838. <i>Applied Microbiology and Biotechnology</i> , 2008, 80, 637-645.	3.6	21
50	Discriminatory detection of extended-spectrum beta-lactamases by restriction fragment length dimorphism-polymerase chain reaction. <i>Letters in Applied Microbiology</i> , 2000, 31, 307-312.	2.2	20
51	Dual activity of PNGM-1 pinpoints the evolutionary origin of subclass B3 metallo- $\beta$ -lactamases: a molecular and evolutionary study. <i>Emerging Microbes and Infections</i> , 2019, 8, 1688-1700.	6.5	20
52	Nomenclature of GES-Type Extended-Spectrum $\beta$ -Lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 2148-2150.	3.2	19
53	PNGM-1, a novel subclass B3 metallo- $\beta$ -lactamase from a deep-sea sediment metagenome. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 14, 302-305.	2.2	19
54	Epidemiology and Clinical Burden of Malaria in the War-Torn Area, Orakzai Agency in Pakistan. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004399.	3.0	19

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55	Surveillance of Crimean-Congo haemorrhagic fever in Pakistan. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 367-368.	9.1	18
56	Dissemination of Transferable AmpC-type $\beta$ -Lactamase (CMY-10) in a Korean Hospital. <i>Microbial Drug Resistance</i> , 2004, 10, 224-230.	2.0	17
57	Cephameycin 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
58	Potential use of mesenchymal stem cells in human meniscal repair: current insights. <i>Open Access Journal of Sports Medicine</i> , 2017, Volume 8, 33-38.	1.3	17
59	Crystal Structure of Filamentous Aggregates of Human DJ-1 Formed in an Inorganic Phosphate-dependent Manner. <i>Journal of Biological Chemistry</i> , 2008, 283, 34069-34075.	3.4	16
60	A novel family VIII carboxylesterase hydrolysing third- and fourth-generation cephalosporins. <i>SpringerPlus</i> , 2016, 5, 525.	1.2	16
61	Investigation of extended-spectrum beta-lactamases produced by clinical isolates of <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> in Korea. <i>Letters in Applied Microbiology</i> , 2004, 39, 41-47.	2.2	15
62	Antibiotic resistance in soil. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 1306-1307.	9.1	15
63	Complex Class 1 Integron Carrying <i>qnrB62</i> and <i>bla</i> <sub>VIM-2</sub> in a <i>Citrobacter freundii</i> Clinical Isolate. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6937-6940.	3.2	14
64	Restriction fragment length dimorphism-PCR method for the detection of extended-spectrum $\beta$ -lactamases unrelated to TEM- and SHV-types. <i>FEMS Microbiology Letters</i> , 2001, 200, 157-161.	1.8	13
65	A novel <i>bla</i> <sub>CTX-M-14</sub> gene-harboring complex class 1 integron with an <i>In4</i> -like backbone structure from a clinical isolate of <i>Escherichia coli</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2008, 62, 340-342.	1.8	13
66	Crystal Structure of Malonyl CoA-Acyl Carrier Protein Transacylase from <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> and Its Proposed Binding with ACP. <i>Molecules and Cells</i> , 2012, 33, 19-26.	2.6	13
67	Fast and Accurate Large-Scale Detection of $\beta$ -Lactamase Genes Conferring Antibiotic Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5967-5975.	3.2	12
68	Characterization of the <i>frhAGB</i> -encoding hydrogenase from a non-methanogenic hyperthermophilic archaeon. <i>Extremophiles</i> , 2015, 19, 109-118.	2.3	12
69	Improvement of tylosin fermentation by mutation and medium optimization. <i>Letters in Applied Microbiology</i> , 1999, 28, 142-144.	2.2	11
70	Antibiotic susceptibility of bacterial strains isolated from patients with various infections. <i>Letters in Applied Microbiology</i> , 2002, 34, 215-221.	2.2	11
71	SHV Hyperproduction as a Mechanism for Piperacillin-Tazobactam Resistance in Extended-Spectrum Cephalosporin-Susceptible <i>Klebsiella pneumoniae</i> . <i>Microbial Drug Resistance</i> , 2020, 26, 334-340.	2.0	11
72	Mutation-Based Antibiotic Resistance Mechanism in Methicillin-Resistant <i>Staphylococcus aureus</i> Clinical Isolates. <i>Pharmaceuticals</i> , 2021, 14, 420.	3.8	11

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73	Designing Short Peptides to Block the Interaction of SARS-CoV-2 and Human ACE2 for COVID-19 Therapeutics. <i>Frontiers in Pharmacology</i> , 2021, 12, 731828.	3.5	11
74	Removal of contaminating TEM-la beta-lactamase gene from commercial Taq DNA polymerase. <i>Journal of Microbiology</i> , 2006, 44, 126-8.	2.8	11
75	Ammonium ion affecting tylosin production by <i>Streptomyces fradiae</i> NRRL 2702 in continuous culture. <i>Letters in Applied Microbiology</i> , 1997, 25, 349-352.	2.2	9
76	Determination of Pentapeptide Repeat Units in Qnr Proteins by the Structure-Based Alignment Approach. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4475-4478.	3.2	9
77	Crystallization and preliminary X-ray crystallographic analyses of CMY-1 and CMY-10, plasmidic class C $\beta$ -lactamases with extended substrate spectrum. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 382-384.	2.5	8
78	Exact Location of the Region Responsible for the Extended Substrate Spectrum in Class C $\beta$ -Lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 3778-3779.	3.2	8
79	Urgent need for $\beta$ -lactam- $\beta$ -lactamase inhibitors. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 876-877.	9.1	8
80	The Occurrence and Characterization of Extended-Spectrum-Beta-Lactamase-Producing <i>Escherichia coli</i> Isolated from Clinical Diagnostic Specimens of Equine Origin. <i>Animals</i> , 2020, 10, 28.	2.3	8
81	Dissemination of <i>Escherichia coli</i> producing AmpC-type $\beta$ -lactamase (CMY-11) in Korea. <i>International Journal of Antimicrobial Agents</i> , 2004, 24, 320-326.	2.5	7
82	Screening for carbapenem-resistant Gram-negative bacteria. <i>Lancet Infectious Diseases</i> , The, 2006, 6, 682-684.	9.1	7
83	Crystal structure of XoLAP, a leucine aminopeptidase, from <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Journal of Microbiology</i> , 2013, 51, 627-632.	2.8	7
84	Comment on: Extension of the hydrolysis spectrum of AmpC $\beta$ -lactamase of <i>Escherichia coli</i> due to amino acid insertion in the H-10 helix. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 965-966.	3.0	6
85	Clinical Protocol of Producing Adipose Tissue-Derived Stromal Vascular Fraction for Potential Cartilage Regeneration. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	6
86	Carbapenem Resistance in Gram-negative Pathogens: Emerging Non-metallo-carbapenemases. <i>Research Journal of Microbiology</i> , 2006, 1, 1-22.	0.2	6
87	Temporal Variation of Meropenem Resistance in <i>E. coli</i> Isolated from Sewage Water in Islamabad, Pakistan. <i>Antibiotics</i> , 2022, 11, 635.	3.7	6
88	Kinetics of the repression of tylosin biosynthesis by ammonium ion in <i>Streptomyces fradiae</i> . <i>Journal of Biotechnology</i> , 1994, 32, 149-156.	3.8	5
89	Minimising antibiotic resistance. <i>Lancet Infectious Diseases</i> , The, 2005, 5, 668-670.	9.1	5
90	A novel family (QnrAS) of plasmid-mediated quinolone resistance determinant. <i>International Journal of Antimicrobial Agents</i> , 2010, 36, 578-579.	2.5	5

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91	Crystallization and preliminary X-ray crystallographic analysis of the XoGroEL chaperonin from <i>Xanthomonas oryzae</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 604-607.	0.8	5
92	Unique Features of <i>Aeromonas</i> Plasmid pAC3 and Expression of the Plasmid-Mediated Quinolone Resistance Genes. <i>MSphere</i> , 2017, 2, .	2.9	5
93	The novel metallo- $\beta$ -lactamase PNGM-1 from a deep-sea sediment metagenome: crystallization and X-ray crystallographic analysis. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2018, 74, 644-649.	0.8	5
94	Acute Ectopic Pancreatitis Occurring after Endoscopic Biopsy in a Gastric Ectopic Pancreas. <i>Clinical Endoscopy</i> , 2014, 47, 455.	1.5	5
95	Threonine dehydratases in different strains of <i>Streptomyces fradiae</i> . <i>Journal of Biotechnology</i> , 1995, 43, 95-102.	3.8	4
96	Nomenclature of ISCR1 elements capable of mobilizing antibiotic resistance genes present in complex class 1 integrons. <i>Journal of Microbiology</i> , 2009, 47, 514-516.	2.8	4
97	Association of the bla <sub>CMY-10</sub> gene with a novel complex class 1 integron carrying an ISCR1 element in clinical isolates from Korea. <i>Clinical Microbiology and Infection</i> , 2010, 16, 1013-1017.	6.0	4
98	The crystal structure of the d-alanine-d-alanine ligase from <i>Acinetobacter baumannii</i> suggests a flexible conformational change in the central domain before nucleotide binding. <i>Journal of Microbiology</i> , 2015, 53, 776-782.	2.8	4
99	Commentary: Malaria elimination in India and regional implications. <i>Frontiers in Microbiology</i> , 2018, 9, 992.	3.5	4
100	Structural Study of Metal Binding and Coordination in Ancient Metallo- $\beta$ -Lactamase PNGM-1 Variants. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4926.	4.1	4
101	Restriction fragment length dimorphismâ€“PCR method for the detection of extended-spectrum $\beta$ -lactamases unrelated to TEM- and SHV-types. <i>FEMS Microbiology Letters</i> , 2001, 200, 157-161.	1.8	3
102	New complex class 1 integron carrying an ISCR1 element in <i>Escherichia coli</i> clinical isolates harbouring the bla <sub>CMY-11</sub> gene. <i>Journal of Medical Microbiology</i> , 2010, 59, 132-134.	1.8	3
103	Crystallization and Preliminary X-Ray Crystallographic Analysis of CTXM- 15, an Extended-spectrum $\beta$ -Lactamase Conferring Worldwide Emerging Antibiotic Resistance. <i>Protein and Peptide Letters</i> , 2011, 18, 858-862.	0.9	3
104	Potential Benefits of Allogeneic Haploidentical Adipose Tissue-Derived Stromal Vascular Fraction in a Hutchinsonâ€“Gilford Progeria Syndrome Patient. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 574010.	4.1	3
105	Evolution of TEM $\beta$ -lactamase genes identified by PCR with newly designed primers in Korean clinical isolates. <i>Clinical Microbiology and Infection</i> , 2001, 7, 98-100.	6.0	2
106	Crystallization and preliminary diffraction studies of GIM-1, a class B carbapenem-hydrolyzing $\beta$ -lactamase. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 1226-1228.	0.7	2
107	Expression, crystallization and preliminary X-ray crystallographic analysis of alanine racemase from <i>Acinetobacter baumannii</i> OXA-23. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 1041-1044.	0.7	2
108	Expression, crystallization and preliminary X-ray crystallographic analysis of D-alanine-D-alanine ligase from OXA-23-producing <i>Acinetobacter baumannii</i> K0420859. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 505-508.	0.8	2



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109	Important factors causing high fatal cases of <i>Naegleria fowleri</i> primary amoebic meningoencephalitis in Pakistan. <i>International Journal of Infectious Diseases</i> , 2020, 97, 230-232.	3.3	2
110	Potential Strategies to Combat Antimicrobial Resistance. <i>Research Journal of Microbiology</i> , 2016, 11, 153-156.	0.2	2
111	Vertical profile of bacterial community in the sediment of Ulleung Basin: implication of the presence of methane-driven community. , 2010, , .		2
112	Structural Insights for Core Scaffold and Substrate Specificity of B1, B2, and B3 Metallo- $\beta$ -Lactamases. <i>Frontiers in Microbiology</i> , 2021, 12, 752535.	3.5	2
113	Porin loss and GES-type extended-spectrum $\beta$ -lactamase primarily responsible for reduced susceptibility to imipenem. <i>Diagnostic Microbiology and Infectious Disease</i> , 2007, 58, 261-262.	1.8	1
114	A modified immunoblot method to identify substrates of protein kinases. <i>Journal of Microbiology</i> , 2011, 49, 499-501.	2.8	1
115	Expression, purification, crystallization, and preliminary X-ray crystallographic analysis of OXA-17, an extended-spectrum $\beta$ -lactamase conferring severe antibiotic resistance. <i>Crystallography Reports</i> , 2013, 58, 617-621.	0.6	1
116	Acquired esophagobronchial fistula without Ono's sign and with unusual cause. <i>BMJ Case Reports</i> , 2013, 2013, bcr-2013-201138-bcr-2013-201138.	0.5	1
117	Comment on: Current initiatives to improve prudent antibiotic use amongst school-aged children. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1726-1727.	3.0	1
118	The threat of carbapenem-resistant hypervirulent <i>Klebsiella pneumoniae</i> (CR-HvKP). <i>Biomedical Research (Aligarh, India)</i> , 2018, 29, .	0.1	1
119	Prevalence of Human Immunodeficiency Virus Infection in Rural Pakistan. <i>Iranian Journal of Public Health</i> , 2020, 49, 2421-2422.	0.5	1
120	Preparation, crystallization and preliminary X-ray crystallographic analysis of OXA-23, a carbapenemase conferring widespread antibiotic resistance. <i>Indian Journal of Biochemistry and Biophysics</i> , 2011, 48, 395-8.	0.0	1
121	Crystallization and preliminary diffraction studies of SFC-1, a carbapenemase conferring antibiotic resistance. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 1124-1127.	0.7	0
122	Expression, crystallization and preliminary X-ray crystallographic analysis of cystathionine $\beta$ -lyase from <i>Acinetobacter baumannii</i> OXA-23. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1368-1371.	0.8	0
123	Why cannot a $\beta$ -lactamase gene be detected using an efficient molecular diagnostic method?. <i>Pakistan Journal of Medical Sciences</i> , 2016, 32, 1309-1311.	0.6	0
124	Transcriptional expression of aminoacyl tRNA synthetase genes of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> (Xoo) on rice-leaf extract treatment and crystal structure of Xoo glutamyl-tRNA synthetase. <i>Crop and Pasture Science</i> , 2017, 68, 434.	1.5	0
125	The Necessities for the Transparent Peer-Review. <i>Iranian Journal of Public Health</i> , 2021, 50, 831-832.	0.5	0
126	How to Make the Beneficial Collaboration Work?. <i>Iranian Journal of Public Health</i> , 2021, 50, 1280-1281.	0.5	0



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127	Urgent Action on Tackling Antibiotic Resistance. Iranian Journal of Public Health, 2021, 50, 1902-1903.	0.5	0
128	Characterization and molecular epidemiology of Enterobacter cloacae clinical isolates producing extended-spectrum $\beta$ -lactamases. , 2009, , .		0
129	A Role of Loop 1 in BPU-1: A Class D $\beta$ -lactamase from Gram-positive Bacteria. Research Journal of Microbiology, 2016, 12, 97-101.	0.2	0
130	The need for efforts to obtain high quality evidence in a one health approach. Biomedical Research (Aligarh, India), 2018, 29, .	0.1	0
131	What Is Needed for a Successful Second Chance for Accused Researchers?. Iranian Journal of Public Health, 2020, 49, 2003-2005.	0.5	0