

Jae-Seok Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/490478/publications.pdf>

Version: 2024-02-01

61
papers

1,249
citations

394286

19
h-index

395590

33
g-index

62
all docs

62
docs citations

62
times ranked

2142
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for Laboratory Diagnosis of Coronavirus Disease 2019 (COVID-19) in Korea. <i>Annals of Laboratory Medicine</i> , 2020, 40, 351-360.	1.2	282
2	Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) production from engineered <i>Ralstonia eutropha</i> using synthetic and anaerobically digested food waste derived volatile fatty acids. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 1-10.	3.6	91
3	Biofilm Formation by <i>Staphylococcus aureus</i> Clinical Isolates is Differentially Affected by Glucose and Sodium Chloride Supplemented Culture Media. <i>Journal of Clinical Medicine</i> , 2019, 8, 1853.	1.0	57
4	Prevalence and Molecular Characteristics of Carbapenemase-Producing <i>Enterobacteriaceae</i> From Five Hospitals in Korea. <i>Annals of Laboratory Medicine</i> , 2016, 36, 529-535.	1.2	48
5	Bacterial Targets of Antibiotics in Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antibiotics</i> , 2021, 10, 398.	1.5	45
6	Clonal and horizontal spread of the bla OXA-232 gene among <i>Enterobacteriaceae</i> in a Korean hospital. <i>Diagnostic Microbiology and Infectious Disease</i> , 2015, 82, 70-72.	0.8	41
7	Effect of daily chlorhexidine bathing on acquisition of carbapenem-resistant <i>Acinetobacter baumannii</i> (CRAB) in the medical intensive care unit with CRAB endemicity. <i>American Journal of Infection Control</i> , 2015, 43, 1171-1177.	1.1	41
8	Evaluation of an Immunochromatographic Assay for the Rapid and Simultaneous Detection of Rotavirus and Adenovirus in Stool Samples. <i>Annals of Laboratory Medicine</i> , 2014, 34, 216-222.	1.2	36
9	Enhanced production of cadaverine by the addition of hexadecyltrimethylammonium bromide to whole cell system with regeneration of pyridoxal-5-phosphate and ATP. <i>Enzyme and Microbial Technology</i> , 2019, 127, 58-64.	1.6	32
10	Rapid Discrimination of Methicillin-Resistant <i>Staphylococcus aureus</i> by MALDI-TOF MS. <i>Pathogens</i> , 2019, 8, 214.	1.2	30
11	Combined Use of the Modified Hodge Test and Carbapenemase Inhibition Test for Detection of Carbapenemase-Producing <i>Enterobacteriaceae</i> and Metallo- β -Lactamase-Producing <i>Pseudomonas</i> spp.. <i>Annals of Laboratory Medicine</i> , 2015, 35, 212-219.	1.2	29
12	Comparative Evaluation of Three Homogenization Methods for Isolating Middle East Respiratory Syndrome Coronavirus Nucleic Acids From Sputum Samples for Real-Time Reverse Transcription PCR. <i>Annals of Laboratory Medicine</i> , 2016, 36, 457-462.	1.2	29
13	Associations of Adenovirus Genotypes in Korean Acute Gastroenteritis Patients with Respiratory Symptoms and Intussusception. <i>BioMed Research International</i> , 2017, 2017, 1-6.	0.9	28
14	Production of glutaric acid from 5-aminovaleric acid by robust whole-cell immobilized with polyvinyl alcohol and polyethylene glycol. <i>Enzyme and Microbial Technology</i> , 2019, 128, 72-78.	1.6	27
15	Discarded Egg Yolk as an Alternate Source of Poly(3-Hydroxybutyrate-co-3-hydroxyhexanoate). <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 382-391.	0.9	22
16	Molecular Epidemiology of Human Norovirus in Korea in 2013. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	21
17	Analytical and Clinical Validation of Six Commercial Middle East Respiratory Syndrome Coronavirus RNA Detection Kits Based on Real-Time Reverse-Transcription PCR. <i>Annals of Laboratory Medicine</i> , 2016, 36, 450-456.	1.2	21
18	Evaluation of Verigene Blood Culture Test Systems for Rapid Identification of Positive Blood Cultures. <i>BioMed Research International</i> , 2016, 2016, 1-6.	0.9	21

#	ARTICLE	IF	CITATIONS
19	Update of Guidelines for Laboratory Diagnosis of COVID-19 in Korea. <i>Annals of Laboratory Medicine</i> , 2022, 42, 391-397.	1.2	19
20	Analysis of rotavirus genotypes in Korea during 2013: An increase in the G2P[4] genotype after the introduction of rotavirus vaccines. <i>Vaccine</i> , 2014, 32, 6396-6402.	1.7	18
21	Evaluation of a New Multiplex Real-Time PCR Assay for Detecting Gastroenteritis-Causing Viruses in Stool Samples. <i>Annals of Laboratory Medicine</i> , 2018, 38, 220-225.	1.2	17
22	Molecular Epidemiology of Human Astrovirus in Stool Samples From Patients With Acute Gastroenteritis in Korea, 2013-2017. <i>Annals of Laboratory Medicine</i> , 2019, 39, 367-372.	1.2	16
23	Application of next-generation sequencing to detect variants of drug-resistant <i>Mycobacterium tuberculosis</i> : genotype-phenotype correlation. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2019, 18, 2.	1.7	15
24	Emergence of GII.4 Sydney Norovirus in South Korea During the Winter of 2012-2013. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 1641-1643.	0.9	14
25	Effect of daily chlorhexidine bathing on the acquisition of methicillin-resistant <i>Staphylococcus aureus</i> in a medical intensive care unit with methicillin-resistant <i>S aureus</i> endemicity. <i>American Journal of Infection Control</i> , 2016, 44, 1520-1525.	1.1	13
26	Novel Levofloxacin-Resistant Multidrug-Resistant <i>Streptococcus pneumoniae</i> Serotype 11A Isolates, South Korea. <i>Emerging Infectious Diseases</i> , 2016, 22, 1978-1980.	2.0	12
27	Human Bocavirus in Korean Children with Gastroenteritis and Respiratory Tract Infections. <i>BioMed Research International</i> , 2016, 2016, 1-5.	0.9	12
28	Comparison of the Luminex xTAG Respiratory Viral Panel Fast v2 Assay With Anyplex II RV16 Detection Kit and AdvanSure RV Real-Time RT-PCR Assay for the Detection of Respiratory Viruses. <i>Annals of Laboratory Medicine</i> , 2017, 37, 408-414.	1.2	12
29	Combination Therapy Using Low-Concentration Oxacillin with Palmitic Acid and Span85 to Control Clinical Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antibiotics</i> , 2020, 9, 682.	1.5	12
30	Prevalence of a Single-Nucleotide Variant of SARS-CoV-2 in Korea and Its Impact on the Diagnostic Sensitivity of the Xpert Xpress SARS-CoV-2 Assay. <i>Annals of Laboratory Medicine</i> , 2022, 42, 96-99.	1.2	12
31	Increased resistance of a methicillin-resistant <i>Staphylococcus aureus</i> agr mutant with modified control in fatty acid metabolism. <i>AMB Express</i> , 2020, 10, 64.	1.4	12
32	Guidelines for the Laboratory Diagnosis of Middle East Respiratory Syndrome Coronavirus in Korea. <i>Infection and Chemotherapy</i> , 2016, 48, 61.	1.0	11
33	External Quality Assessment of MERS-CoV Molecular Diagnostics During the 2015 Korean Outbreak. <i>Annals of Laboratory Medicine</i> , 2016, 36, 230-234.	1.2	10
34	A comparative evaluation of BACT/ALERT FA PLUS and FN PLUS blood culture bottles and BD BACTEC Plus Aerobic and Anaerobic blood culture bottles for antimicrobial neutralization. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 2229-2233.	1.3	10
35	Korean Society for Laboratory Medicine Practice Guidelines for the Molecular Diagnosis of Middle East Respiratory Syndrome During an Outbreak in Korea in 2015. <i>Annals of Laboratory Medicine</i> , 2016, 36, 203-208.	1.2	9
36	Emergence of G8P[6] rotavirus strains in Korean neonates. <i>Gut Pathogens</i> , 2018, 10, 27.	1.6	9

#	ARTICLE	IF	CITATIONS
37	Whole-genome analysis of rotavirus G4P[6] strains isolated from Korean neonates: association of Korean neonates and rotavirus P[6] genotypes. <i>Gut Pathogens</i> , 2019, 11, 37.	1.6	9
38	Rapid Identification of OXA-48-like, KPC, NDM, and VIM Carbapenemase-Producing Enterobacteriaceae From Culture: Evaluation of the RESIST-4 O.K.N.V. Multiplex Lateral Flow Assay. <i>Annals of Laboratory Medicine</i> , 2020, 40, 259-263.	1.2	9
39	Phenol-Soluble Modulin-Mediated Aggregation of Community-Associated Methicillin-Resistant <i>Staphylococcus Aureus</i> in Human Cerebrospinal Fluid. <i>Cells</i> , 2020, 9, 788.	1.8	9
40	Survey of Clinical Laboratory Practices for 2015 Middle East Respiratory Syndrome Coronavirus Outbreak in the Republic of Korea. <i>Annals of Laboratory Medicine</i> , 2016, 36, 154-161.	1.2	8
41	A Case of Septic Shock caused by <i>Achromobacter xylosoxidans</i> in an Immunocompetent Female Patient after Extracorporeal Shock Wave Lithotripsy for a Ureteral Stone. <i>Infection and Chemotherapy</i> , 2016, 48, 47.	1.0	8
42	Multi-omics based characterization of antibiotic response in clinical isogenic isolates of methicillin-susceptible/-resistant <i>Staphylococcus aureus</i> . <i>RSC Advances</i> , 2020, 10, 27864-27873.	1.7	7
43	Thymol Reduces agr-Mediated Virulence Factor Phenol-Soluble Modulin Production in <i>Staphylococcus aureus</i> . <i>BioMed Research International</i> , 2022, 2022, 1-14.	0.9	7
44	Changes in the incidence of <i>Streptococcus pneumoniae</i> bacteremia and its serotypes over 10 years in one hospital in South Korea. <i>Vaccine</i> , 2014, 32, 6403-6407.	1.7	6
45	Drug utilization review of mupirocin ointment in a Korean university-affiliated hospital. <i>Korean Journal of Internal Medicine</i> , 2015, 30, 515.	0.7	6
46	Structural characterization of phosphoethanolamine-modified lipid A from probiotic <i>Escherichia coli</i> strain Nissle 1917. <i>RSC Advances</i> , 2019, 9, 19762-19771.	1.7	6
47	Performance Evaluation of the Automated Fluorescent Immunoassay System Rotavirus Assay in Clinical Samples. <i>Annals of Laboratory Medicine</i> , 2019, 39, 50-57.	1.2	6
48	Genotypic Distribution and Antimicrobial Susceptibilities of Carbapenemase-Producing Enterobacteriaceae Isolated From Rectal and Clinical Samples in Korean University Hospitals Between 2016 and 2019. <i>Annals of Laboratory Medicine</i> , 2022, 42, 36-46.	1.2	5
49	Accessory Gene Regulator Polymorphism and Vancomycin Minimum Inhibitory Concentration in Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Annals of Laboratory Medicine</i> , 2015, 35, 399-403.	1.2	4
50	Comparative Evaluation of Bruker Biotyper and ASTA MicroIDSys for Species Identification in a Clinical Microbiology Laboratory. <i>Diagnostics</i> , 2021, 11, 1683.	1.3	4
51	Comparative Evaluation of Allplex Respiratory Panels 1, 2, 3, and BioFire FilmArray Respiratory Panel for the Detection of Respiratory Infections. <i>Diagnostics</i> , 2022, 12, 9.	1.3	4
52	Complete Genome Sequences of Four <i>Streptococcus canis</i> Strains Isolated from Dogs in South Korea. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	3
53	Analysis of Respiratory Viral Infections Detected Using Multiplex Real-Time PCR in Hwaseong, Korea from 2013 to 2015. <i>Clinical Laboratory</i> , 2017, 63, 1003-1007.	0.2	3
54	Comparative Genomic Features of <i>Streptococcus canis</i> ; Based on Pan-Genome Orthologous Group Analysis According to Sequence Type. <i>Japanese Journal of Infectious Diseases</i> , 2022, 75, 269-276.	0.5	2

#	ARTICLE	IF	CITATIONS
55	Validation of Temperature Preservation in Specimen Transportation Systems. <i>Laboratory Medicine Online</i> , 2020, 10, 116.	0.0	2
56	Characterization of <i>Chlamydia trachomatis</i> ompA Genotypes Among Sexually Transmitted Disease Patients in Korea. <i>Clinical Laboratory</i> , 2020, 66, .	0.2	2
57	Nationwide Survey for Current Status of Laboratory Diagnosis of <i>Clostridioides difficile</i> Infection in Korea. <i>Journal of Korean Medical Science</i> , 2022, 37, e38.	1.1	2
58	Leucyl-tRNA Synthetase Inhibitor, D-Norvaline, in Combination with Oxacillin, Is Effective against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Antibiotics</i> , 2022, 11, 683.	1.5	2
59	Direct identification of Gram-positive bacteria and resistance determinants from blood cultures using a microarray-based nucleic acid assay: in-depth analysis of microarray data for undetermined results. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, 1013-24.	1.4	1
60	Utilizing Negative Markers for Identifying Mycobacteria Species based on Mass Spectrometry with Machine Learning Methods. , 2019, , .		0
61	Understandings and Prospects of Laboratory Diagnosis of SARS-CoV-2. <i>Keimyung Medical Journal</i> , 2020, 39, 57-61.	0.1	0