

Sun Hoe Koo

List of Publications by Year in descending order

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86
papers

1,599
citations

331670

21
h-index

345221

36
g-index

91
all docs

91
docs citations

91
times ranked

2632
citing authors

#	ARTICLE	IF	CITATIONS
1	Gain at chromosomal region 5p15.33, containing TERT, is the most frequent genetic event in early stages of non-small cell lung cancer. <i>Cancer Genetics and Cytogenetics</i> , 2008, 182, 1-11.	1.0	162
2	Comparison of triglyceride glucose index, and related parameters to predict insulin resistance in Korean adults: An analysis of the 2007-2010 Korean National Health and Nutrition Examination Survey. <i>PLoS ONE</i> , 2019, 14, e0212963.	2.5	129
3	A Comparative Trial of a Single Dose of Azithromycin versus Doxycycline for the Treatment of Mild Scrub Typhus. <i>Clinical Infectious Diseases</i> , 2004, 39, 1329-1335.	5.8	119
4	Identification of novel candidate target genes, including EPHB3, MASP1 and SSTAT3 in squamous cell carcinoma of the lung. <i>BMC Cancer</i> , 2009, 9, 237.	2.6	65
5	Detection of Genetic Alterations in Bladder Tumors by Comparative Genomic Hybridization and Cytogenetic Analysis. <i>Cancer Genetics and Cytogenetics</i> , 1999, 110, 87-93.	1.0	63
6	Elevated Levels of T Helper 17 Cells Are Associated with Disease Activity in Patients with Rheumatoid Arthritis. <i>Annals of Laboratory Medicine</i> , 2013, 33, 52-59.	2.5	60
7	Genetic Alterations of Gastric Cancer. <i>Cancer Genetics and Cytogenetics</i> , 2000, 117, 97-103.	1.0	59
8	Genetic alterations in hepatocellular carcinoma and intrahepatic cholangiocarcinoma. <i>Cancer Genetics and Cytogenetics</i> , 2001, 130, 22-28.	1.0	51
9	Characteristics of <i>aac(6)-Ib-cr</i> Gene in Extended-Spectrum β -Lactamase-Producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> Isolated from Chungnam Area. <i>Annals of Laboratory Medicine</i> , 2009, 29, 541-550.	2.5	39
10	Correlation Between Virulence Genotype and Fluoroquinolone Resistance in Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> . <i>Annals of Laboratory Medicine</i> , 2014, 34, 286-292.	2.5	39
11	Characterization of Trimethoprim-Sulfamethoxazole Resistance Genes and Their Relatedness to Class 1 Integron and Insertion Sequence Common Region in Gram-Negative Bacilli. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 137-142.	2.1	38
12	Rapid Screening of Urinary Tract Infection and Discrimination of Gram-Positive and Gram-Negative Bacteria by Automated Flow Cytometric Analysis Using Sysmex UF-5000. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	37
13	Expression of Sme Efflux Pumps and Multilocus Sequence Typing in Clinical Isolates of <i>Stenotrophomonas maltophilia</i> . <i>Annals of Laboratory Medicine</i> , 2012, 32, 38-43.	2.5	36
14	Evaluation of the Seeplex [®] Meningitis ACE Detection Kit for the Detection of 12 Common Bacterial and Viral Pathogens of Acute Meningitis. <i>Annals of Laboratory Medicine</i> , 2012, 32, 44-49.	2.5	35
15	Molecular Identification and Amphotericin B Susceptibility Testing of Clinical Isolates of <i>Aspergillus</i> From 11 Hospitals in Korea. <i>Annals of Laboratory Medicine</i> , 2015, 35, 602-610.	2.5	31
16	Evaluation of Two Automated Instruments for Pre-transfusion Testing: AutoVue Innova and Techno TwinStation. <i>Annals of Laboratory Medicine</i> , 2008, 28, 214-220.	2.5	29
17	Molecular epidemiology and mechanisms of tigecycline resistance in carbapenem-resistant <i>Klebsiella pneumoniae</i> isolates. <i>Journal of Clinical Laboratory Analysis</i> , 2020, 34, e23506.	2.1	28
18	Multicenter Evaluation of Seegene Anyplex TB PCR for the Detection of <i>Mycobacterium tuberculosis</i> in Respiratory Specimens. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 1004-1007.	2.1	28

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19	Prognostic implications for gastric carcinoma based on loss of heterozygosity genotypes correlation with clinicopathologic variables. <i>Cancer Genetics and Cytogenetics</i> , 2004, 153, 26-31.	1.0	23
20	Genetic Basis of Multidrug-resistant <i>Acinetobacter baumannii</i> Clinical Isolates from Three University Hospitals in Chungcheong Province, Korea. <i>Annals of Laboratory Medicine</i> , 2010, 30, 498-506.	2.5	22
21	Characteristics of the Molecular Epidemiology of CTX-M-Producing <i>Escherichia coli</i> Isolated from a Tertiary Hospital in Daejeon, Korea. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1643-1649.	2.1	22
22	Microsatellite alterations in hepatocellular carcinoma and intrahepatic cholangiocarcinoma. <i>Cancer Genetics and Cytogenetics</i> , 2003, 146, 139-144.	1.0	20
23	Epidemiological Characterizations of Class 1 Integrons from Multidrug-Resistant <i>Acinetobacter</i> Isolates in Daejeon, Korea. <i>Annals of Laboratory Medicine</i> , 2014, 34, 293-299.	2.5	18
24	Distribution of <i>Pseudomonas</i> -Derived Cephalosporinase and Metallo- β -Lactamases in Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> Isolates from Korea. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 1154-1162.	2.1	18
25	Antimicrobial Resistance Determinants in Imipenem-nonsusceptible <i>Acinetobacter calcoaceticus-baumannii</i> Complex Isolated in Daejeon, Korea. <i>Annals of Laboratory Medicine</i> , 2011, 31, 265-270.	2.5	17
26	Analysis of monocyte subsets and toll-like receptor 4 expression in peripheral blood monocytes of women in preterm labor. <i>Journal of Reproductive Immunology</i> , 2012, 94, 190-195.	1.9	17
27	Incidence, puberty, and fertility in 45,X/47,XXX mosaicism: Report of a patient and a literature review. <i>American Journal of Medical Genetics, Part A</i> , 2017, 173, 1961-1964.	1.2	17
28	Gain of the EGFR gene located on 7p12 is a frequent and early event in squamous cell carcinoma of the lung. <i>Cancer Genetics and Cytogenetics</i> , 2008, 184, 31-37.	1.0	15
29	Epidemiology, Molecular Characteristics, and Virulence Factors of Carbapenem-Resistant <i>Pseudomonas aeruginosa</i> Isolated from Patients with Urinary Tract Infections. <i>Infection and Drug Resistance</i> , 2022, Volume 15, 141-151.	2.7	15
30	Discriminating myelodysplastic syndrome and other myeloid malignancies from non-clonal disorders by multiparametric analysis of automated cell data. <i>Clinica Chimica Acta</i> , 2018, 480, 56-64.	1.1	14
31	Emergence and transmission of New Delhi metallo- β -lactamase-producing <i>Escherichia coli</i> Sequence Type 361 in a Tertiary Hospital in South Korea. <i>Journal of Clinical Laboratory Analysis</i> , 2020, 34, e23041.	2.1	14
32	Persistence of Multidrug-Resistant <i>Acinetobacter baumannii</i> Isolates Harboring blaOXA-23 and bap for 5 Years. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1481-1489.	2.1	14
33	Monosomy 7 as the sole abnormality of an acute basophilic leukemia. <i>Cancer Genetics and Cytogenetics</i> , 2007, 172, 168-171.	1.0	13
34	Emergence of <i>Acinetobacter pittii</i> Harboring New Delhi Metallo- β -Lactamase Genes in Daejeon, Korea. <i>Annals of Laboratory Medicine</i> , 2015, 35, 531-534.	2.5	12
35	Molecular epidemiology and virulence factors of methicillin-resistant <i>Staphylococcus aureus</i> isolated from patients with bacteremia. <i>Journal of Clinical Laboratory Analysis</i> , 2020, 34, e23077.	2.1	12
36	Cytogenetic and fluorescence in situ hybridization analyses of hematologic malignancies in Korea. <i>Cancer Genetics and Cytogenetics</i> , 1998, 101, 1-6.	1.0	11

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37	Association between Biofilm Formation and Antimicrobial Resistance in Carbapenem-Resistant. <i>Annals of Clinical and Laboratory Science</i> , 2018, 48, 363-368.	0.2	11
38	ORAOV1 is a probable target within the 11q13.3 amplicon in lymph node metastases from gastric adenocarcinoma. <i>International Journal of Molecular Medicine</i> , 2011, 29, 81-7.	4.0	10
39	Comparison of E,E-Farnesol Secretion and the Clinical Characteristics of <i>Candida albicans</i> Bloodstream Isolates from Different Multilocus Sequence Typing Clades. <i>PLoS ONE</i> , 2016, 11, e0148400.	2.5	10
40	Manual versus automated streaking system in clinical microbiology laboratory: Performance evaluation of Previ Isola for blood culture and body fluid samples. <i>Journal of Clinical Laboratory Analysis</i> , 2018, 32, e22373.	2.1	10
41	Multitarget fluorescence in situ hybridization and melanoma antigen genes analysis in primary bladder carcinoma. <i>Cancer Genetics and Cytogenetics</i> , 2006, 164, 32-38.	1.0	9
42	Changes of frequency and expression level of CD161 in CD8 + T cells and natural killer T cells in peripheral blood of patients with systemic lupus erythematosus. <i>Microbiology and Immunology</i> , 2020, 64, 532-539.	1.4	9
43	Characterization of CTX-M-14- and CTX-M-15-Producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> Isolates from Urine Specimens in a Tertiary-Care Hospital. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 765-770.	2.1	9
44	Evaluation of the Vitek 2 Korean Antimicrobial Susceptibility Testing Cards AST N056 and AST N055. <i>Taehan Hmsang Misaengmul Hakhoe Chi = Korean Journal of Clinical Microbiology</i> , 2008, 11, 23.	0.5	8
45	AbaR7, a Genomic Resistance Island Found in Multidrug-resistant <i>Acinetobacter baumannii</i> Isolates in Daejeon, Korea. <i>Annals of Laboratory Medicine</i> , 2012, 32, 324-330.	2.5	8
46	Expression of CD154 (CD40L) on stimulated T lymphocytes in patients with idiopathic thrombocytopenic purpura. <i>Hematology</i> , 2016, 21, 187-192.	1.5	8
47	Direct detection of methicillin-resistant <i>Staphylococcus aureus</i> from blood cultures using an immunochromatographic immunoassay-based MRSA rapid kit for the detection of penicillin-binding protein 2a. <i>Diagnostic Microbiology and Infectious Disease</i> , 2010, 67, 301-303.	1.8	7
48	Clinical implementation of chromosomal microarray technology in prenatal diagnosis (Review). <i>Molecular Medicine Reports</i> , 2012, 6, 1219-1222.	2.4	7
49	Evolving applications of microarray technology in postnatal diagnosis. <i>International Journal of Molecular Medicine</i> , 2012, 30, 223-228.	4.0	7
50	The prognostic impact of lymphocyte subsets in newly diagnosed acute myeloid leukemia. <i>Blood Research</i> , 2018, 53, 198.	1.3	7
51	A Case of Acute Promyelocytic Leukemia Concomitant with Plasma Cell Myeloma. <i>Annals of Laboratory Medicine</i> , 2014, 34, 152-154.	2.5	6
52	Prevalence and spread of integron- ϵ IS26 in imipenem-resistant <i>Acinetobacter baumannii</i> clinical isolates in South Korea. <i>International Journal of Antimicrobial Agents</i> , 2009, 34, 609-611.	2.5	5
53	Nosocomial Infection by Sequence Type 357 Multidrug-Resistant <i>Acinetobacter baumannii</i> Isolates in a Neonatal Intensive Care Unit in Daejeon, Korea. <i>Annals of Laboratory Medicine</i> , 2013, 33, 279-282.	2.5	5
54	Pyrosequencing-based quantitative measurement of CALR mutation allele burdens and their clinical implications in patients with myeloproliferative neoplasms. <i>Clinica Chimica Acta</i> , 2018, 483, 183-191.	1.1	5

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55	Molecular Characterization of Salmonella Genomic Island 1 in <i>Proteus mirabilis</i> Isolates from Chungcheong Province, Korea. <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 2052-2059.	2.1	5
56	Automated Versus Conventional Microscopic Interpretation of Antinuclear Antibody Indirect Immunofluorescence Test. <i>Annals of Clinical and Laboratory Science</i> , 2019, 49, 127-133.	0.2	5
57	Characterization of Chromosomal Breakpoints in an ALL Patient using Cross-Species Color Banding. <i>Cancer Genetics and Cytogenetics</i> , 2000, 119, 118-120.	1.0	4
58	Antimicrobial Resistance and Multilocus Sequence Typing of Vancomycin-Resistant <i>Enterococcus faecium</i> Isolated from the Chungcheong Area. <i>Taehan Hmsang Misaengmul Hakhoe Chi = Korean Journal of Clinical Microbiology</i> , 2011, 14, 60.	0.5	4
59	Assessment of the beneficial loci and prognostic implications of microsatellite instability in gastric carcinoma. <i>Molecular Medicine Reports</i> , 2011, 4, 1175-81.	2.4	4
60	Ocular infection associated with <i>Delftia lacustris</i> : first report. <i>Brazilian Journal of Infectious Diseases</i> , 2015, 19, 449-450.	0.6	4
61	Clinical significance of anti-DFS70 antibody in antinuclear antibody-positive samples with a dense fine speckled pattern. <i>Journal of Laboratory Medicine</i> , 2019, 43, 149-155.	1.1	4
62	Comparison of the Genedia MTB/NTM Detection Kit and Anyplex plus MTB/NTM Detection Kit for detection of <i>Mycobacterium tuberculosis</i> complex and nontuberculous mycobacteria in clinical specimens. <i>Journal of Clinical Laboratory Analysis</i> , 2020, 34, e23021.	2.1	4
63	Evaluation of the Performance of ARKRAY ADAMS HA-8180 HbA1c Analyzer. <i>Laboratory Medicine Online</i> , 2012, 2, 126.	0.2	3
64	Traceability Assessment and Performance Evaluation of Results for Measurement of Abbott Clinical Chemistry Assays on 4 Chemistry Analyzers. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 467-472.	2.5	3
65	Evaluation of an Automated Reader and Color Interpretation-Based Immunoassays for Multiplexed Drug-of-Abuse Testing in Urine. <i>Journal of Analytical Toxicology</i> , 2017, 41, 412-420.	2.8	3
66	Evaluation of Dipicolinic Acid-Based Mueller Hinton Agar Biplate for Detection of IMP-1 and VIM-2 type Metallo- β -Lactamase in Imipenem Non-susceptible Gram Negative Bacilli. <i>Annals of Laboratory Medicine</i> , 2009, 29, 204-211.	2.5	2
67	Overexpression of Efflux Pump in Multiresistant <i>Pseudomonas aeruginosa</i> : How You Will Discover and Treat It?. <i>Infection and Chemotherapy</i> , 2015, 47, 142.	2.3	2
68	A Case of Pentasomy 21 With Two Isochromosome 21s in Acute Megakaryoblastic Leukemia Associated With Down Syndrome. <i>Annals of Laboratory Medicine</i> , 2015, 35, 373-375.	2.5	2
69	Seroprevalence of Toxoplasmosis in Pregnant Women in Daejeon, Korea. <i>Laboratory Medicine Online</i> , 2011, 1, 190.	0.2	1
70	The Genetic Characteristics of Multidrug-resistant <i>Acinetobacter baumannii</i> Coproducing 16S rRNA Methylase <i>armA</i> and Carbapenemase OXA-23. <i>Journal of Bacteriology and Virology</i> , 2013, 43, 27.	0.1	1
71	Diagnostic Utility of the URISCAN 2 ACR Strip as a Point-of-care Test for Estimating Urine Albumin-Creatinine Ratios. <i>Laboratory Medicine Online</i> , 2014, 4, 140.	0.2	1
72	Evaluation of the LABGEO PT 10 Point-of-Care Testing Device: Comparison of Analyte Measurements in Capillary Whole Blood and Lithium Heparin Whole Blood Samples With Those in Central Laboratory. <i>Journal of Clinical Laboratory Analysis</i> , 2017, 31, .	2.1	1

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73	Community-Onset Extended-Spectrum Beta-Lactamase-Producing <i>Escherichia coli</i> Osteomyelitis of the Pubic Symphysis. <i>Infection and Chemotherapy</i> , 2011, 43, 279.	2.3	1
74	Evaluation of Copeptin for Diagnosing Non-ST Segment Elevation Acute Myocardial Infarction in Patients with Chest pain and Mild Troponin I Elevation. <i>Laboratory Medicine Online</i> , 2022, 12, 20-25.	0.2	1
75	A Case of Acute Promyelocytic Leukemia with PML/RARA Translocation Showing Familial t(9;15)(q34;q22). <i>The Korean Journal of Hematology</i> , 2007, 42, 428.	0.7	0
76	Chromosome 8 pentasomy with partial tandem duplication of 11q23 in a case of de novo acute myeloid leukemia. <i>Cancer Genetics and Cytogenetics</i> , 2009, 194, 44-47.	1.0	0
77	Chromosomal Mutations in <i>oprD</i> , <i>gyrA</i> , and <i>parC</i> in Carbapenem Resistant <i>Pseudomonas aeruginosa</i> . <i>Taehan Hmsang Misaengmul Hakhoe Chi = Korean Journal of Clinical Microbiology</i> , 2011, 14, 131.	0.5	0
78	Platelet Activation Markers (P2-thromboglobulin and platelet factor 4) and Clopidogrel Drug Response in Patients with Myocardial Infarction. <i>Laboratory Medicine Online</i> , 2015, 5, 137.	0.2	0
79	A Case of <i>Roseomonas</i> Infection in Korea. <i>Laboratory Medicine Online</i> , 2016, 6, 50.	0.2	0
80	The Usefulness of Hematological Parameters for Assessing Disease Progression in Patients with HIV Infection. <i>Laboratory Medicine Online</i> , 2017, 7, 7.	0.2	0
81	Biological and Genetic Characteristics of Clinically Isolated <i>Enterobacter cloacae</i> with Multidrug Resistance. <i>Laboratory Medicine Online</i> , 2018, 8, 99.	0.2	0
82	Cytogenetic evolution in myeloproliferative neoplasms with different molecular abnormalities. <i>Blood Cells, Molecules, and Diseases</i> , 2019, 77, 120-128.	1.4	0
83	Performance Evaluation of the CRE2 Reagent from Siemens for Serum Creatinine Measurement. <i>Laboratory Medicine Online</i> , 2019, 9, 6.	0.2	0
84	Impact of Whole Blood Storage Conditions in Flow Cytometric Analysis for Paroxysmal Nocturnal Hemoglobinuria. <i>Journal of Laboratory Medicine and Quality Assurance</i> , 2021, 43, 143-151.	0.4	0
85	A Case of Vertebral Osteomyelitis Caused by <i>Serratia grimesii</i> in a Patient without Predisposing Factors. <i>Korean Journal of Medicine</i> , 2012, 83, 141.	0.3	0
86	Molecular Analysis of Pathogenic Molds Isolated from Clinical Specimen. <i>Korean Journal of Clinical Laboratory Science</i> , 2020, 52, 229-236.	0.3	0