

# Jeong-Ho Kim

## List of Publications by Year in descending order

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85  
papers

1,687  
citations

361388

20  
h-index

330122

37  
g-index

89  
all docs

89  
docs citations

89  
times ranked

2753  
citing authors

#	ARTICLE	IF	CITATIONS
1	SGLT2 inhibition modulates NLRP3 inflammasome activity via ketones and insulin in diabetes with cardiovascular disease. <i>Nature Communications</i> , 2020, 11, 2127.	12.8	263
2	Comparison of tear secretion and tear film instability after photorefractive keratectomy and laser in situ keratomileusis. <i>Journal of Cataract and Refractive Surgery</i> , 2000, 26, 1326-1331.	1.5	140
3	Effect of Long-Term Hormone Therapy on Telomere Length in Postmenopausal Women. <i>Yonsei Medical Journal</i> , 2005, 46, 471.	2.2	99
4	Clinical Performance Evaluation of Four Automated Chemiluminescence Immunoassays for Hepatitis C Virus Antibody Detection. <i>Journal of Clinical Microbiology</i> , 2008, 46, 3919-3923.	3.9	70
5	Sources of Variation of Commonly Measured Serum Analytes in 6 Asian Cities and Consideration of Common Reference Intervals. <i>Clinical Chemistry</i> , 2008, 54, 356-365.	3.2	67
6	The Asian project for collaborative derivation of reference intervals: (1) strategy and major results of standardized analytes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 1429-42.	2.3	56
7	Urinary N-acetyl- $\beta$ -D-glucosaminidase, an early marker of diabetic kidney disease, might reflect glucose excursion in patients with type 2 diabetes. <i>Medicine (United States)</i> , 2016, 95, e4114.	1.0	41
8	Establishing pediatric reference intervals for 13 biochemical analytes derived from normal subjects in a pediatric endocrinology clinic in Korea. <i>Clinical Biochemistry</i> , 2014, 47, 268-271.	1.9	40
9	Serum Cholesterol Concentration and Prevalence, Awareness, Treatment, and Control of High Low-Density Lipoprotein Cholesterol in the Korea National Health and Nutrition Examination Surveys 2008-2010: Beyond the Tip of the Iceberg. <i>Journal of the American Heart Association</i> , 2014, 3, e000650.	3.7	39
10	Significance of Small Dense Low-Density Lipoprotein as a Risk Factor for Coronary Artery Disease and Acute Coronary Syndrome. <i>Yonsei Medical Journal</i> , 2006, 47, 405.	2.2	38
11	Serum neuron-specific enolase level as a biomarker in differential diagnosis of seizure and syncope. <i>Journal of Neurology</i> , 2010, 257, 1708-1712.	3.6	34
12	Validation of a liquid chromatography tandem mass spectrometry method to measure oxidized and reduced forms of glutathione in whole blood and verification in a mouse model as an indicator of oxidative stress. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1019, 45-50.	2.3	33
13	Additive association of vitamin D insufficiency and sarcopenia with low femoral bone mineral density in noninstitutionalized elderly population: the Korea National Health and Nutrition Examination Surveys 2009-2010. <i>Osteoporosis International</i> , 2013, 24, 2789-2799.	3.1	31
14	Influence of Vitamin C and Maltose on the Accuracy of Three Models of Glucose Meters. <i>Annals of Laboratory Medicine</i> , 2016, 36, 271-274.	2.5	30
15	Comparison of five automated urine sediment analyzers with manual microscopy for accurate identification of urine sediment. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1744-1753.	2.3	28
16	Cystic Fibrosis in Korean Children: A Case Report Identified by a Quantitative Pilocarpine Iontophoresis Sweat Test and Genetic Analysis. <i>Journal of Korean Medical Science</i> , 2005, 20, 153.	2.5	27
17	Association of urinary sodium/creatinine ratio and urinary sodium/specific gravity unit ratio with blood pressure and hypertension: KNHANES 2009-2010. <i>Clinica Chimica Acta</i> , 2013, 424, 168-173.	1.1	27
18	Hypertriglyceridemia is a Major Factor Associated With Elevated Levels of Small Dense LDL Cholesterol in Patients With Metabolic Syndrome. <i>Annals of Laboratory Medicine</i> , 2015, 35, 586-594.	2.5	27

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19	Association of hemoglobin levels with blood pressure and hypertension in a large population-based study: the Korea National Health and Nutrition Examination Surveys 2008â€“2011. <i>Clinica Chimica Acta</i> , 2015, 438, 12-18.	1.1	23
20	Relationship Between Circulating Netrin-1 Concentration, Impaired Fasting Glucose, and Newly Diagnosed Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2018, 9, 691.	3.5	23
21	Evaluation of bilirubin interference and accuracy of six creatinine assays compared with isotope dilutionâ€“liquid chromatography mass spectrometry. <i>Clinical Biochemistry</i> , 2016, 49, 274-281.	1.9	21
22	Homeostasis model assessment of insulin resistance in a general adult population in Korea: additive association of sarcopenia and obesity with insulin resistance. <i>Clinical Endocrinology</i> , 2017, 86, 44-51.	2.4	20
23	Fasting serum bile acids concentration is associated with insulin resistance independently of diabetes status. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1218-1228.	2.3	20
24	Urinary iodine and sodium status of urban Korean subjects: A pilot study. <i>Clinical Biochemistry</i> , 2012, 45, 596-598.	1.9	18
25	Performance Evaluation of Body Fluid Cellular Analysis Using the Beckman Coulter UniCel DxH 800, Sysmex XN-350, and UF-5000 Automated Cellular Analyzers. <i>Annals of Laboratory Medicine</i> , 2020, 40, 122-130.	2.5	18
26	Evaluation of three automated enzyme immunoassays for detection of anti-cyclic citrullinated peptide antibodies in qualitative and quantitative aspects. <i>Rheumatology</i> , 2010, 49, 450-457.	1.9	17
27	Evaluation of automated serum des-gamma-carboxyprothrombin (DCP) assays for detecting hepatocellular carcinoma. <i>Clinical Biochemistry</i> , 2011, 44, 1464-1468.	1.9	17
28	Comparison and Validation of 10 Equations Including a Novel Method for Estimation of LDL-cholesterol in a 168,212 Asian Population. <i>Medicine (United States)</i> , 2016, 95, e3230.	1.0	17
29	Fasting serum amino acids concentration is associated with insulin resistance and pro-inflammatory cytokines. <i>Diabetes Research and Clinical Practice</i> , 2018, 140, 107-117.	2.8	17
30	Report of a Korean Patient with Cystic Fibrosis, Carrying Q98R and Q220X Mutations in the CFTR Gene. <i>Journal of Korean Medical Science</i> , 2006, 21, 563.	2.5	16
31	Effect of Accreditation on Accuracy of Diagnostic Tests in Medical Laboratories. <i>Annals of Laboratory Medicine</i> , 2017, 37, 213-222.	2.5	16
32	Determination of lamotrigine in human serum by high-performance liquid chromatographyâ€“tandem mass spectrometry. <i>Neurological Sciences</i> , 2010, 31, 717-720.	1.9	14
33	Heterogeneous Spectrum of <i>CFTR</i> Gene Mutations in Korean Patients with Cystic Fibrosis. <i>Annals of Laboratory Medicine</i> , 2011, 31, 219-224.	2.5	14
34	Evaluation of Random Urine Sodium and Potassium Compensated by Creatinine as Possible Alternative Markers for 24 Hours Urinary Sodium and Potassium Excretion. <i>Annals of Laboratory Medicine</i> , 2015, 35, 238-241.	2.5	13
35	Neutropenia is independently associated with sub-therapeutic serum concentration of vancomycin. <i>Clinica Chimica Acta</i> , 2017, 465, 106-111.	1.1	13
36	Fecal Occult Blood Test Results of the National Colorectal Cancer Screening Program in South Korea (2006â€“2013). <i>Scientific Reports</i> , 2017, 7, 2804.	3.3	13

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37	Evaluation of revisited fucosylated alpha-fetoprotein (AFP-L3) with an autoanalyzer $\hat{1}/4$ TAS in a clinical laboratory. <i>Clinica Chimica Acta</i> , 2012, 413, 170-174.	1.1	12
38	Evaluation of Denka-Seiken Turbidimetric High-Sensitivity C-Reactive Protein Assay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2002, 40, 840-5.	2.3	11
39	Effects of Increasing Particle Size of Low-Density Lipoprotein on Restenosis After Coronary Stent Implantation. <i>Circulation Journal</i> , 2008, 72, 1059-1064.	1.6	11
40	Guidelines for the Laboratory Diagnosis of Middle East Respiratory Syndrome Coronavirus in Korea. <i>Infection and Chemotherapy</i> , 2016, 48, 61.	2.3	11
41	Comparison and clinical utility evaluation of four multiple allergen simultaneous tests including two newly introduced fully automated analyzers. <i>Practical Laboratory Medicine</i> , 2016, 4, 50-61.	1.3	11
42	Calibration of High-Density Lipoprotein Cholesterol Values From the Korea National Health and Nutrition Examination Survey Data, 2008 to 2015. <i>Annals of Laboratory Medicine</i> , 2017, 37, 1-8.	2.5	11
43	Detection and genotyping of human papillomavirus by five assays according to cytologic results. <i>Journal of Virological Methods</i> , 2013, 187, 79-84.	2.1	10
44	Total and Exchangeable Copper Assay Using Inductively Coupled Plasma Mass Spectrometry and Establishment of a Pediatric Reference Interval. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 877-882.	2.5	10
45	Liquid Heparin Anticoagulant Produces More Negative Bias in the Determination of Ionized Magnesium than Ionized Calcium. <i>Yonsei Medical Journal</i> , 2006, 47, 191.	2.2	9
46	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.	2.5	9
47	The L441P Mutation of Cystic Fibrosis Transmembrane conductance Regulator and its Molecular Pathogenic Mechanisms in a Korean Patient with Cystic Fibrosis. <i>Journal of Korean Medical Science</i> , 2010, 25, 166.	2.5	8
48	Performance Characteristics of the UniCel Dxl 800 Immunoassay for the Maternal Serum Quadruple Test, Including Median Values for Each Week of Gestation, in Korean Women. <i>Annals of Laboratory Medicine</i> , 2010, 30, 126-132.	2.5	8
49	Gender-specific reference intervals for serum total bilirubin in healthy Korean adults. <i>Clinical Biochemistry</i> , 2012, 45, 1257-1259.	1.9	8
50	The Plasma Small Dense LDL-Cholesterol Calculation Formula Proposed by Srisawasdi et al Is Not Applicable to Koreans Who Are Healthy or Have Metabolic Syndrome. <i>American Journal of Clinical Pathology</i> , 2012, 138, 754-756.	0.7	8
51	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.	2.5	8
52	Effects of Cold Agglutinin on the Accuracy of Complete Blood Count Results and Optimal Sample Pretreatment Protocols for Eliminating Such Effects. <i>Annals of Laboratory Medicine</i> , 2018, 38, 371-374.	2.5	8
53	Short Term Isocaloric Ketogenic Diet Modulates NLRP3 Inflammasome Via $\beta$ -hydroxybutyrate and Fibroblast Growth Factor 21. <i>Frontiers in Immunology</i> , 2022, 13, 843520.	4.8	8
54	Ascorbate Oxidase Minimizes Interference by High-Concentration Ascorbic Acid in Total Cholesterol Assays. <i>Annals of Laboratory Medicine</i> , 2016, 36, 188-190.	2.5	7

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55	The apolipoprotein(a) size, pentanucleotide repeat, C/T(+93) polymorphisms of apolipoprotein(a) gene, serum lipoprotein(a) concentrations and their relationship in a Korean population. <i>Clinica Chimica Acta</i> , 2001, 314, 113-123.	1.1	6
56	Characterization of circulating antibodies with affinity to an epitope used in antibody-conjugated magnetic immunoassays from a case of falsely elevated cyclosporine A. <i>Clinica Chimica Acta</i> , 2016, 458, 35-39.	1.1	6
57	Effects of two types of medical contrast media on routine chemistry results by three automated chemistry analyzers. <i>Clinical Biochemistry</i> , 2017, 50, 719-725.	1.9	6
58	Editorial Announcement Regarding Title Change of the Korean Journal of Laboratory Medicine to <i>Annals of Laboratory Medicine</i> . <i>Annals of Laboratory Medicine</i> , 2012, 32, 1-2.	2.5	5
59	A practical way to overcome ascorbate interference in total cholesterol and triglyceride measurement by exploiting the autoxidation property of ascorbate. <i>Clinical Biochemistry</i> , 2017, 50, 350-351.	1.9	5
60	Morning Spot Urine Glucose-to-Creatinine Ratios Predict Overnight Urinary Glucose Excretion in Patients With Type 2 Diabetes. <i>Annals of Laboratory Medicine</i> , 2017, 37, 9-17.	2.5	5
61	Association of circulating metabolites with incident type 2 diabetes in an obese population from a national cohort. <i>Diabetes Research and Clinical Practice</i> , 2021, 180, 109077.	2.8	5
62	Report of Korean Association of External Quality Assessment Service on the Accuracy-Based Lipid Proficiency Testing (2016-2018). <i>Journal of Laboratory Medicine and Quality Assurance</i> , 2019, 41, 121-129.	0.4	5
63	Relationship of low-density lipoprotein particle size to insulin resistance and intima-media thickness in nondiabetic Koreans. <i>Metabolism: Clinical and Experimental</i> , 2006, 55, 1610-1615.	3.4	4
64	Differences in clinical chemistry values according to the use of two laxatives for colonoscopy. <i>Clinical Biochemistry</i> , 2014, 47, 1047-1051.	1.9	3
65	Central obesity is an independent risk factor for microalbuminuria in both the general Korean women and nondiabetic nonhypertensive subpopulation: Association of microalbuminuria and metabolic syndrome from the Korea National Health and Nutrition Examination Survey 2011-2012. <i>Clinica Chimica Acta</i> , 2015, 448, 74-79.	1.1	3
66	Lipoprotein X Detected in a Case of Hypercholesterolemia Associated With Chronic Cholangiohepatitis. <i>Annals of Laboratory Medicine</i> , 2017, 37, 550-552.	2.5	3
67	Budget Impact of the Accreditation Program for Clinical Laboratories on Colorectal Cancer Screening via Fecal Immunochemical Testing: Results from the National Cancer Screening Program in Korea. <i>Annals of Laboratory Medicine</i> , 2018, 38, 249-254.	2.5	3
68	Optimal Dosing Regimen of Phenytoin for Korean Epilepsy Patients: From Premature Babies to the Elderly. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2765-2773.	3.3	3
69	Nlrp3, Csf3, and Edn1 in Macrophage Response to Saturated Fatty Acids and Modified Low-Density Lipoprotein. <i>Korean Circulation Journal</i> , 2021, 51, 68.	1.9	3
70	Report of the Korean Association of External Quality Assessment Service on Therapeutic Drug Monitoring and Toxicology (2015-2019). <i>Journal of Laboratory Medicine and Quality Assurance</i> , 2020, 42, 183-193.	0.4	3
71	Establishment of Reference Intervals for Serum Insulin-Like Growth Factor I in Korean Adult Population. <i>Endocrinology and Metabolism</i> , 2020, 35, 960-964.	3.0	3
72	Comparison Between a New Low Dose Urea Capsule Test and the Conventional UBiT <sup>®</sup> Tablet Test for the Detection of <i>Helicobacter pylori</i> Infection. <i>Annals of Laboratory Medicine</i> , 2006, 26, 81-85.	2.5	2

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73	Comparison of 10% coefficient of variation and 99th percentile cutoff of troponin I in serum and heparinized plasma using Access 2 and Dxl 800. <i>Clinica Chimica Acta</i> , 2009, 399, 117-118.	1.1	2
74	Stability of lyophilized pooled sera as quality control materials for tumor marker assays in external quality assessment. <i>Clinica Chimica Acta</i> , 2017, 471, 233-242.	1.1	2
75	Effect of the Standardization of Diagnostic Tests on the Prevalence of Diabetes Mellitus and Impaired Fasting Glucose. <i>Journal of Korean Medical Science</i> , 2018, 33, e81.	2.5	2
76	Comparison of analytical performance of i-Smart 300 and pHox ultra for the accurate determination of pleural fluid pH. <i>Practical Laboratory Medicine</i> , 2019, 14, e00117.	1.3	2
77	Performance Evaluation of Thyroid Function Tests on a Novel Chemiluminescent Microparticle Immunoassay System. <i>Journal of applied laboratory medicine</i> , The, 2021, 6, 367-377.	1.3	2
78	Annual Report on the External Quality Assessment Scheme for Therapeutic Drug Monitoring and Testing for Drugs of Abuse in Korea (2014). <i>Journal of Laboratory Medicine and Quality Assurance</i> , 2015, 37, 12-22.	0.4	2
79	Current Status of Serum Protein and Immunofixation Electrophoresis from 29 Hospitals in Korea. <i>Laboratory Medicine Online</i> , 2022, 12, 91-99.	0.2	2
80	Performance Evaluation of the CLINITEK Novus Automated Urine Chemistry Analyzer. <i>Laboratory Medicine Online</i> , 2016, 6, 147.	0.2	1
81	Evaluation of an automated urinary iodine measurement using AU5800 analyzer with AutoLab Iodine reagent. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, e339-e341.	2.3	1
82	Analytical Performance of Bio-Rad D-100 on a Hemoglobin A1c Assay. <i>Laboratory Medicine Online</i> , 2017, 7, 59.	0.2	1
83	Evaluation of the Analytical Performance of Atellica CH 930 Automated Chemistry Analyzer. <i>Laboratory Medicine Online</i> , 2019, 9, 133.	0.2	0
84	Creatinine Determination by Nova CCX Analyzer Harmonized with the Roche Enzymatic Method for Early and Accurate Detection of Renal Dysfunction. <i>Laboratory Medicine Online</i> , 2011, 1, 179.	0.2	0
85	Turnaround Time (TAT) Setting Status of 30 Domestic Clinical Laboratories and Consideration for Improvement and Management of TAT. <i>Laboratory Medicine Online</i> , 2020, 10, 276-282.	0.2	0