

# Dong-Hyun Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3110020/publications.pdf>

Version: 2024-02-01

96  
papers

3,230  
citations

172207

29  
h-index

168136

53  
g-index

96  
all docs

96  
docs citations

96  
times ranked

5176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Serum Levels of Proinflammatory Lipid Mediators and Specialized Proresolving Molecules Are Increased in Patients With Severe Acute Respiratory Syndrome Coronavirus 2 and Correlate With Markers of the Adaptive Immune Response. <i>Journal of Infectious Diseases</i> , 2022, 225, 2142-2154.	1.9	11
2	Differences in accuracy of height, weight, and body mass index between self-reported and measured using the 2018 Korea Community Health Survey data. <i>Epidemiology and Health</i> , 2022, 44, e2022024.	0.8	7
3	Satisfaction with the walking-related environment during COVID-19 in South Korea. <i>PLoS ONE</i> , 2022, 17, e0266183.	1.1	1
4	Apo ferritin-Encapsulated Jerantinine A for Transferrin Receptor Targeting and Enhanced Selectivity in Breast Cancer Therapy. <i>ACS Omega</i> , 2022, 7, 21473-21482.	1.6	4
5	Single-Cell Metabolic Profiling of Macrophages Using 3D OrbiSIMS: Correlations with Phenotype. <i>Analytical Chemistry</i> , 2022, 94, 9389-9398.	3.2	12
6	Folate, alcohol, <i>ADH1B</i> and <i>ALDH2</i> and colorectal cancer risk. <i>Public Health Nutrition</i> , 2021, 24, 677-684.	1.1	8
7	Developing a Framework for Pandemic COVID-19 Vaccine Allocation: a Modified Delphi Consensus Study in Korea. <i>Journal of Korean Medical Science</i> , 2021, 36, e166.	1.1	12
8	Phospholipid-Gold Nanorods Induce Energy Crisis in MCF-7 Cells: Cytotoxicity Evaluation Using LC-MS-Based Metabolomics Approach. <i>Biomolecules</i> , 2021, 11, 364.	1.8	12
9	Sequential Orbitrap Secondary Ion Mass Spectrometry and Liquid Extraction Surface Analysis-Tandem Mass Spectrometry-Based Metabolomics for Prediction of Brain Tumor Relapse from Sample-Limited Primary Tissue Archives. <i>Analytical Chemistry</i> , 2021, 93, 6947-6954.	3.2	13
10	Integrated Metabolomics and Transcriptomics Using an Optimised Dual Extraction Process to Study Human Brain Cancer Cells and Tissues. <i>Metabolites</i> , 2021, 11, 240.	1.3	2
11	Osteogenic Response of Human Mesenchymal Stem Cells Analysed Using Combined Intracellular and Extracellular Metabolomic Monitoring. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 311-326.	1.1	5
12	Gender Differences in the Prevalence of and Factors Related to Non-Suicidal Self-Injury among Middle and High School Students in South Korea. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5965.	1.2	20
13	Intratumour heterogeneity in microRNAs expression regulates glioblastoma metabolism. <i>Scientific Reports</i> , 2021, 11, 15908.	1.6	7
14	Factors associated with the difference between the incidence and case-fatality ratio of coronavirus disease 2019 by country. <i>Scientific Reports</i> , 2021, 11, 18938.	1.6	21
15	Physicochemical and metabolic constraints for thermodynamics-based stoichiometric modelling under mesophilic growth conditions. <i>PLoS Computational Biology</i> , 2021, 17, e1007694.	1.5	5
16	Identification of Novel Loci and New Risk Variant in Known Loci for Colorectal Cancer Risk in East Asians. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020, 29, 477-486.	1.1	25
17	Effect of acute and short-term dietary fat ingestion on postprandial skeletal muscle protein synthesis rates in middle-aged, overweight, and obese men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E417-E429.	1.8	14
18	Metabolic characterisation of <i>Magnetospirillum gryphiswaldense</i> MSR-1 using LC-MS-based metabolite profiling. <i>RSC Advances</i> , 2020, 10, 32548-32560.	1.7	33

#	ARTICLE	IF	CITATIONS
19	Understanding and Interpretation of Case Fatality Rate of Coronavirus Disease 2019. <i>Journal of Korean Medical Science</i> , 2020, 35, e137.	1.1	54
20	Facile Dye-Initiated Polymerization of Lactide-Glycolide Generates Highly Fluorescent Poly(lactic-co-glycolic Acid) for Enhanced Characterization of Cellular Delivery. <i>ACS Macro Letters</i> , 2020, 9, 431-437.	2.3	11
21	Metabolic characterisation of THP-1 macrophage polarisation using LC-MS-based metabolite profiling. <i>Metabolomics</i> , 2020, 16, 33.	1.4	42
22	Women's health during the COVID-19 pandemic. <i>Korean Journal of Women Health Nursing</i> , 2020, 26, 106-108.	0.2	7
23	Targeting Glutamine Synthesis Inhibits Stem Cell Adipogenesis in Vitro. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 917-927.	1.1	6
24	Mapping the metabolism of five amino acids in bloodstream form <i>Trypanosoma brucei</i> using U-13C-labelled substrates and LC-MS. <i>Bioscience Reports</i> , 2019, 39, .	1.1	17
25	Red meat intake, CYP2E1 and PPAR $\beta$ polymorphisms, and colorectal cancer risk. <i>European Journal of Cancer Prevention</i> , 2019, 28, 304-310.	0.6	6
26	Investigating the intracellular effects of hyperbranched polycation-DNA complexes on lung cancer cells using LC-MS-based metabolite profiling. <i>Molecular Omics</i> , 2019, 15, 77-87.	1.4	9
27	Large-Scale Genome-Wide Association Study of East Asians Identifies Loci Associated With Risk for Colorectal Cancer. <i>Gastroenterology</i> , 2019, 156, 1455-1466.	0.6	111
28	Untargeted analysis of plasma samples from pre-eclamptic women reveals polar and apolar changes in the metabolome. <i>Metabolomics</i> , 2019, 15, 157.	1.4	11
29	Association between Body Fat and Bone Mineral Density in Normal-Weight Middle-Aged Koreans. <i>Korean Journal of Family Medicine</i> , 2019, 40, 100-105.	0.4	14
30	Improved Extraction Repeatability and Spectral Reproducibility for Liquid Extraction Surface Analysis-Mass Spectrometry Using Superhydrophobic-Superhydrophilic Patterning. <i>Analytical Chemistry</i> , 2018, 90, 6001-6005.	3.2	15
31	Quantitative Isotope-Dilution High-Resolution-Mass-Spectrometry Analysis of Multiple Intracellular Metabolites in <i>Clostridium autoethanogenum</i> with Uniformly 13C-Labeled Standards Derived from <i>Spirulina</i> . <i>Analytical Chemistry</i> , 2018, 90, 4470-4477.	3.2	25
32	Benzoxaborole treatment perturbs S-adenosyl-L-methionine metabolism in <i>Trypanosoma brucei</i> . <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006450.	1.3	33
33	Relationships between cognitive function and body composition among community-dwelling older adults: a cross-sectional study. <i>BMC Geriatrics</i> , 2017, 17, 259.	1.1	35
34	Sterol 14 $\alpha$ -demethylase mutation leads to amphotericin B resistance in <i>Leishmania mexicana</i> . <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005649.	1.3	43
35	Origins and Evolution of Social Medicine and Contemporary Social Medicine in Korea. <i>Journal of Preventive Medicine and Public Health</i> , 2017, 50, 141-157.	0.7	8
36	The Association of Socioeconomic Status and Subjective Dizziness in Elderly Koreans: A Cross Sectional Study from the Korean National Health and Nutrition Examination Survey 2010-2012. <i>Korean Journal of Family Practice</i> , 2017, 7, 465-469.	0.1	1

#	ARTICLE	IF	CITATIONS
37	Gender Differences in Sleep Disturbance among Elderly Koreans: Hallym Aging Study. Journal of Korean Medical Science, 2016, 31, 1689.	1.1	29
38	Body Composition, Sarcopenia, and Suicidal Ideation in Elderly Koreans: Hallym Aging Study. Journal of Korean Medical Science, 2016, 31, 604.	1.1	13
39	Non-destructive characterisation of mesenchymal stem cell differentiation using LC-MS-based metabolite footprinting. Analyst, The, 2016, 141, 3776-3787.	1.7	23
40	Quercetin intake, MATE1 polymorphism, and metabolic syndrome in Korean population: Hallym aging study. Food Science and Biotechnology, 2016, 25, 1783-1788.	1.2	1
41	Fully coupled aero-hydrodynamic analysis of a semi-submersible FOWT using a dynamic fluid body interaction approach. Renewable Energy, 2016, 92, 244-261.	4.3	96
42	Identification of Susceptibility Loci and Genes for Colorectal Cancer Risk. Gastroenterology, 2016, 150, 1633-1645.	0.6	97
43	A CFD study into the influence of unsteady aerodynamic interference on wind turbine surge motion. Renewable Energy, 2016, 90, 204-228.	4.3	112
44	Cohort Profile: Community-based prospective cohort from the National Cancer Center, Korea. International Journal of Epidemiology, 2015, 46, dyv302.	0.9	7
45	Improving capability of local public hospital and health center against newly emerging infectious diseases after Middle East respiratory syndrome epidemic in Korea. Journal of the Korean Medical Association, 2015, 58, 700.	0.1	7
46	Trend of Suicide Rates According to Urbanity among Adolescents by Gender and Suicide Method in Korea, 1997-2012. International Journal of Environmental Research and Public Health, 2015, 12, 5129-5142.	1.2	20
47	Vegetable Intake, but Not Fruit Intake, Is Associated with a Reduction in the Risk of Cancer Incidence and Mortality in Middle-Aged Korean Men. Journal of Nutrition, 2015, 145, 1249-1255.	1.3	11
48	Aerodynamic Interference Effect of Huge Wind Turbine Blades With Periodic Surge Motions Using Overset Grid-Based Computational Fluid Dynamics Approach. Journal of Solar Energy Engineering, Transactions of the ASME, 2015, 137, .	1.1	14
49	Potent Trypanocidal Curcumin Analogs Bearing a Monoenone Linker Motif Act on <i>Trypanosoma brucei</i> by Forming an Adduct with Trypanothione. Molecular Pharmacology, 2015, 87, 451-464.	1.0	24
50	Effect of interactions between genetic polymorphisms and cigarette smoking on plasma triglyceride levels in elderly Koreans: the Hallym Aging Study. Genes and Genomics, 2015, 37, 173-181.	0.5	2
51	What role can metabolomics play in the discovery and development of new medicines for infectious diseases?. Bioanalysis, 2015, 7, 629-631.	0.6	6
52	Probing the Metabolic Network in Bloodstream-Form <i>Trypanosoma brucei</i> Using Untargeted Metabolomics with Stable Isotope Labelled Glucose. PLoS Pathogens, 2015, 11, e1004689.	2.1	128
53	The platform pitching motion of floating offshore wind turbine: A preliminary unsteady aerodynamic analysis. Journal of Wind Engineering and Industrial Aerodynamics, 2015, 142, 65-81.	1.7	109
54	Interactions of genetic and non-genetic factors on plasma hs-CRP concentration in a Korean community-based cohort study. Genes and Genomics, 2015, 37, 231-239.	0.5	1

#	ARTICLE	IF	CITATIONS
55	A genome-wide association study of copy-number variation identifies putative loci associated with osteoarthritis in Koreans. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 76.	0.8	10
56	The coupled dynamic response computation for a semi-submersible platform of floating offshore wind turbine. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015, 147, 104-119.	1.7	72
57	LC-MS-based absolute metabolite quantification: application to metabolic flux measurement in trypanosomes. <i>Metabolomics</i> , 2015, 11, 1721-1732.	1.4	36
58	Structural Factors of the Middle East Respiratory Syndrome Coronavirus Outbreak as a Public Health Crisis in Korea and Future Response Strategies. <i>Journal of Preventive Medicine and Public Health</i> , 2015, 48, 265-270.	0.7	23
59	Community mental health status six months after the Sewol ferry disaster in Ansan, Korea. <i>Epidemiology and Health</i> , 2015, 37, e2015046.	0.8	24
60	Burden of Total and Cause-Specific Mortality Related to Tobacco Smoking among Adults Aged ≥45 Years in Asia: A Pooled Analysis of 21 Cohorts. <i>PLoS Medicine</i> , 2014, 11, e1001631.	3.9	98
61	Gender differences in adiponectin levels and body composition in older adults: Hallym aging study. <i>BMC Geriatrics</i> , 2014, 14, 8.	1.1	53
62	Large-scale genetic study in East Asians identifies six new loci associated with colorectal cancer risk. <i>Nature Genetics</i> , 2014, 46, 533-542.	9.4	212
63	Stable isotope-labeling studies in metabolomics: new insights into structure and dynamics of metabolic networks. <i>Bioanalysis</i> , 2014, 6, 511-524.	0.6	171
64	A metabolomics investigation into the effects of HIV protease inhibitors on HPV16 E6 expressing cervical carcinoma cells. <i>Molecular BioSystems</i> , 2014, 10, 398-411.	2.9	10
65	Analyses of longitudinal effects of gene-environment interactions on plasma C-reactive protein levels: the Hallym Aging Study. <i>Genes and Genomics</i> , 2013, 35, 131-139.	0.5	3
66	Metabolite-dependent regulation of gene expression in <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2013, 88, 841-845.	1.2	4
67	Metabolomics Guides Rational Development of a Simplified Cell Culture Medium for Drug Screening against <i>Trypanosoma brucei</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2768-2779.	1.4	88
68	Colorectal Cancer Epidemic in Korea. <i>Annals of Coloproctology</i> , 2013, 29, 1.	0.5	7
69	Raman chemical mapping reveals site of action of HIV protease inhibitors in HPV16 E6 expressing cervical carcinoma cells. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 3051-3061.	1.9	27
70	Pooled analyses of 13 prospective cohort studies on folate intake and colon cancer. <i>Cancer Causes and Control</i> , 2010, 21, 1919-1930.	0.8	111
71	Combining metabolic fingerprinting and footprinting to understand the phenotypic response of HPV16 E6 expressing cervical carcinoma cells exposed to the HIV anti-viral drug lopinavir. <i>Analyst</i> , 2010, 135, 1235.	1.7	35
72	Vibration characteristics and supersonic flutter of cylindrical composite panels with large thermoelastic deflections. <i>Composite Structures</i> , 2009, 90, 208-216.	3.1	22

#	ARTICLE	IF	CITATIONS
73	Improvement of deposition uniformity in alloy electroforming for revolving parts. International Journal of Machine Tools and Manufacture, 2008, 48, 329-337.	6.2	25
74	NONLINEAR IMPACT DYNAMIC ANALYSIS AND COMPARISON WITH EXPERIMENTAL DATA FOR THE SKID GEAR. International Journal of Modern Physics B, 2008, 22, 1403-1408.	1.0	1
75	Rates and Related Factors of Progression to Hypertension among Prehypertensive Local Residents Aged 45 or Over in Chuncheon City: Hallym Aging Study from a Community-Based Cross-Sectional Study. Korean Circulation Journal, 2008, 38, 43.	0.7	6
76	Flow-Induced Vibration Analyses of Stator and Moving Rotor Cascade With Viscosity Effects. , 2007, , .		0
77	The interactive effect of methyl-group diet and polymorphism of methylenetetrahydrofolate reductase on the risk of colorectal cancer. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 622, 14-18.	0.4	24
78	Flavonoids from the flower of Rhododendron yedoense var. Poukhanense and their antioxidant activities. Archives of Pharmacal Research, 2007, 30, 146-150.	2.7	38
79	Failure of carbon composite-to-aluminum joints with combined mechanical fastening and adhesive bonding. Composite Structures, 2006, 75, 192-198.	3.1	266
80	A study on the failure detection of composite materials using an acoustic emission. Composite Structures, 2006, 75, 163-169.	3.1	56
81	Iridoid glycosides isolated from Oldenlandia diffusa inhibit LDL-oxidation. Archives of Pharmacal Research, 2005, 28, 1156-1160.	2.7	57
82	Ergosterol Peroxide from Flowers of Erigeron annuus L. as an Anti-Atherosclerosis Agent. Archives of Pharmacal Research, 2005, 28, 541-545.	2.7	36
83	Triterpenoids from the Flower of Campsis grandiflora K. Schum. as Human Acyl-CoA: Cholesterol Acyltransferase Inhibitors. Archives of Pharmacal Research, 2005, 28, 550-556.	2.7	68
84	Nonlinear Aeroelastic Simulation of a Full-Span Aircraft with Oscillating Control Surfaces. Journal of Aerospace Engineering, 2005, 18, 156-167.	0.8	9
85	Nonlinear Aeroelastic Computation of a Wing/Pylon/Finned-Store Using Parallel Computing. AIAA Journal, 2005, 43, 53-62.	1.5	27
86	Generalized Transonic Unsteady Aerodynamics via Computational-Fluid-Dynamics/ Indicial Approach.. AIAA Journal, 2005, 43, 915-917.	1.5	5
87	Nonlinear Aeroelastic Analysis of an Airfoil Using CFD-Based Indicial Approach. Journal of Aircraft, 2005, 42, 1340-1344.	1.7	7
88	Frequency and time domain flutter computations of a wing with oscillating control surface including shock interference effects. Aerospace Science and Technology, 2004, 8, 519-532.	2.5	15
89	Methylenetetrahydrofolate reductase polymorphism, alcohol intake, and risks of colon and rectal cancers in Korea. Cancer Letters, 2004, 216, 199-205.	3.2	55
90	Molecular Epidemiology of Colon Cancer. Cancer Research and Treatment, 2004, 36, 93.	1.3	5

#	ARTICLE	IF	CITATIONS
91	Nonlinear Flutter Characteristics of Composite Missile Wing in Transonic/Low-Supersonic Flows. Journal of Aircraft, 2002, 39, 889-892.	1.7	4
92	Angle-of-Attack Effect on Transonic/Supersonic Aeroelasticity of Wing-Box Model. Journal of Aircraft, 2002, 39, 906-908.	1.7	5
93	TRANSONIC AND LOW-SUPERSONIC AEROELASTIC ANALYSIS OF A TWO-DEGREE-OF-FREEDOM AIRFOIL WITH A FREEPLAY NON-LINEARITY. Journal of Sound and Vibration, 2000, 234, 859-880.	2.1	73
94	Transonic and Low-Supersonic Aerodynamic Analysis of a Wing with Underpylon/Store. Journal of Aircraft, 2000, 37, 189-192.	1.7	21
95	Hepatitis B vaccination and reduced risk of primary liver cancer among male adults: a cohort study in Korea. International Journal of Epidemiology, 1998, 27, 316-319.	0.9	61
96	Sociodemographic Factors Related to the Self-Medication on Korean Adult Men. Journal of the Korean Society for Clinical Pharmacology and Therapeutics, 1995, 3, 80.	0.1	0