

# Dong-Hyun Kim

## List of Publications by Year in descending order

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169  
papers

5,753  
citations

81743

39  
h-index

106150

65  
g-index

176  
all docs

176  
docs citations

176  
times ranked

7626  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intestinal bacterial metabolism of flavonoids and its relation to some biological activities. Archives of Pharmacal Research, 1998, 21, 17-23.	2.7	340
2	Overview of the Manufacturing Methods of Solid Dispersion Technology for Improving the Solubility of Poorly Water-Soluble Drugs and Application to Anticancer Drugs. Pharmaceutics, 2019, 11, 132.	2.0	202
3	Intestinal bacterial $\beta$ -glucuronidase activity of patients with colon cancer. Archives of Pharmacal Research, 2001, 24, 564-567.	2.7	163
4	Gut microbiota lipopolysaccharide accelerates inflamm-aging in mice. BMC Microbiology, 2016, 16, 9.	1.3	148
5	Efficacy and Safety of Lactobacillus Plantarum C29-Fermented Soybean (DW2009) in Individuals with Mild Cognitive Impairment: A 12-Week, Multi-Center, Randomized, Double-Blind, Placebo-Controlled Clinical Trial. Nutrients, 2019, 11, 305.	1.7	143
6	Gut microbiota-mediated pharmacokinetics of ginseng saponins. Journal of Ginseng Research, 2018, 42, 255-263.	3.0	135
7	Gut Microbiota-Mediated Drug Interactions between Lovastatin and Antibiotics. Drug Metabolism and Disposition, 2014, 42, 1508-1513.	1.7	129
8	Probing the Metabolic Network in Bloodstream-Form Trypanosoma brucei Using Untargeted Metabolomics with Stable Isotope Labelled Glucose. PLoS Pathogens, 2015, 11, e1004689.	2.1	128
9	The Preventive and Curative Effects of Lactobacillus reuteri NK33 and Bifidobacterium adolescentis NK98 on Immobilization Stress-Induced Anxiety/Depression and Colitis in Mice. Nutrients, 2019, 11, 819.	1.7	126
10	Lactobacillus pentosus var. plantarum C29 ameliorates memory impairment and inflammaging in a d-galactose-induced accelerated aging mouse model. Anaerobe, 2014, 27, 22-26.	1.0	115
11	Anti-inflammatory effects of ginsenoside Rg1 and its metabolites ginsenoside Rh1 and 20(S)-protopanaxatriol in mice with TNBS-induced colitis. European Journal of Pharmacology, 2015, 762, 333-343.	1.7	106
12	Biotransformation of glycyrrhizin by human intestinal bacteria and its relation to biological activities. Archives of Pharmacal Research, 2000, 23, 172-177.	2.7	96
13	Suppression of gut dysbiosis by Bifidobacterium longum alleviates cognitive decline in 5XFAD transgenic and aged mice. Scientific Reports, 2019, 9, 11814.	1.6	96
14	Lactobacillus plantarum CLP-0611 ameliorates colitis in mice by polarizing M1 to M2-like macrophages. International Immunopharmacology, 2014, 21, 186-192.	1.7	94
15	The extracellular vesicle of gut microbial Paenicaligenes hominis is a risk factor for vagus nerve-mediated cognitive impairment. Microbiome, 2020, 8, 107.	4.9	91
16	Metabolomics Guides Rational Development of a Simplified Cell Culture Medium for Drug Screening against Trypanosoma brucei. Antimicrobial Agents and Chemotherapy, 2013, 57, 2768-2779.	1.4	88
17	Immobilization stress-induced Escherichia coli causes anxiety by inducing NF- $\kappa$ B activation through gut microbiota disturbance. Scientific Reports, 2018, 8, 13897.	1.6	84
18	Bifidobacterium adolescentis IM38 ameliorates high-fat diet-induced colitis in mice by inhibiting NF- $\kappa$ B activation and lipopolysaccharide production by gut microbiota. Nutrition Research, 2017, 41, 86-96.	1.3	83

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19	High-fat diet causes psychiatric disorders in mice by increasing Proteobacteria population. <i>Neuroscience Letters</i> , 2019, 698, 51-57.	1.0	78
20	SAMHD1 controls cell cycle status, apoptosis and HIV-1 infection in monocytic THP-1 cells. <i>Virology</i> , 2016, 495, 92-100.	1.1	77
21	Triterpenoids from the Flower of <i>Campsis grandiflora</i> K. Schum. as Human Acyl-CoA: Cholesterol Acyltransferase Inhibitors. <i>Archives of Pharmacal Research</i> , 2005, 28, 550-556.	2.7	68
22	Recent advances of nanotechnology for the delivery of anticancer drugs for breast cancer treatment. <i>Journal of Pharmaceutical Investigation</i> , 2020, 50, 261-270.	2.7	68
23	Comparative analysis of gut microbiota in elderly people of urbanized towns and longevity villages. <i>BMC Microbiology</i> , 2015, 15, 49.	1.3	67
24	Purification and Characterization of Ginsenoside Rb1-Metabolizing $\beta$ -Glucosidase from <i>Fusobacterium</i> K-60, a Human Intestinal Anaerobic Bacterium. <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 1163-1169.	0.6	66
25	A potent anti-diabetic agent from <i>Kalopanax pictus</i> . <i>Archives of Pharmacal Research</i> , 1998, 21, 24-29.	2.7	64
26	Anti-Inflammatory and Antioxidant Mechanism of Tangeretin in Activated Microglia. <i>Journal of NeuroImmune Pharmacology</i> , 2016, 11, 294-305.	2.1	64
27	Simultaneous Amelioration of Colitis and Liver Injury in Mice by <i>Bifidobacterium longum</i> LC67 and <i>Lactobacillus plantarum</i> LC27. <i>Scientific Reports</i> , 2018, 8, 7500.	1.6	64
28	Mangiferin ameliorates colitis by inhibiting IRAK1 phosphorylation in NF- $\kappa$ B and MAPK pathways. <i>European Journal of Pharmacology</i> , 2014, 740, 652-661.	1.7	61
29	Anti-inflammatory Mechanism of Ginseng Saponin Metabolite Rh3 in Lipopolysaccharide-Stimulated Microglia: Critical Role of $5\alpha$ -Adenosine Monophosphate-Activated Protein Kinase Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 3472-3480.	2.4	60
30	Applications of Panax ginseng leaves-mediated gold nanoparticles in cosmetics relation to antioxidant, moisture retention, and whitening effect on B16BL6 cells. <i>Journal of Ginseng Research</i> , 2018, 42, 327-333.	3.0	60
31	Solubility enhancement and application of cyclodextrins in local drug delivery. <i>Journal of Pharmaceutical Investigation</i> , 2020, 50, 17-27.	2.7	59
32	Iridoid glycosides isolated from <i>Oldenlandia diffusa</i> inhibit LDL-oxidation. <i>Archives of Pharmacal Research</i> , 2005, 28, 1156-1160.	2.7	57
33	<i>Lactobacillus plantarum</i> NK3 and <i>Bifidobacterium longum</i> NK49 Alleviate Bacterial Vaginosis and Osteoporosis in Mice by Suppressing NF- $\kappa$ B-Linked TNF- $\alpha$ Expression. <i>Journal of Medicinal Food</i> , 2019, 22, 1022-1031.	0.8	54
34	Oleanolic acid ameliorates dextran sodium sulfate-induced colitis in mice by restoring the balance of Th17/Treg cells and inhibiting NF- $\kappa$ B signaling pathway. <i>International Immunopharmacology</i> , 2015, 29, 393-400.	1.7	52
35	<i>Lactobacillus plantarum</i> C29 Fermented Soybean (DW2009) Alleviates Memory Impairment in 5XFAD Transgenic Mice by Regulating Microglia Activation and Gut Microbiota Composition. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800359.	1.5	52
36	Specific Activation of Insulin-like Growth Factor-1 Receptor by Ginsenoside Rg5 Promotes Angiogenesis and Vasorelaxation. <i>Journal of Biological Chemistry</i> , 2015, 290, 467-477.	1.6	48

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37	Lactobacillus rhamnosus HN001 and Lactobacillus acidophilus La-14 Attenuate Gardnerella vaginalis-Infected Bacterial Vaginosis in Mice. <i>Nutrients</i> , 2017, 9, 531.	1.7	47
38	Poncirin and its metabolite ponciretin attenuate colitis in mice by inhibiting LPS binding on TLR4 of macrophages and correcting Th17/Treg imbalance. <i>Journal of Ethnopharmacology</i> , 2016, 189, 175-185.	2.0	46
39	AMP-activated protein kinase determines apoptotic sensitivity of cancer cells to ginsenoside-Rh2. <i>Journal of Ginseng Research</i> , 2014, 38, 16-21.	3.0	44
40	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
41	Metabolic characterisation of THP-1 macrophage polarisation using LC-MS-based metabolite profiling. <i>Metabolomics</i> , 2020, 16, 33.	1.4	42
42	Effects of Probiotic NVP-1704 on Mental Health and Sleep in Healthy Adults: An 8-Week Randomized, Double-Blind, Placebo-Controlled Trial. <i>Nutrients</i> , 2021, 13, 2660.	1.7	40
43	Neomangiferin modulates the Th17/Treg balance and ameliorates colitis in mice. <i>Phytomedicine</i> , 2016, 23, 131-140.	2.3	39
44	Effects of CYP2C9 genetic polymorphisms on the pharmacokinetics of celecoxib and its carboxylic acid metabolite. <i>Archives of Pharmacal Research</i> , 2017, 40, 382-390.	2.7	39
45	A Probiotic <i>Lactobacillus gasseri</i> Alleviates <i>Escherichia coli</i> -Induced Cognitive Impairment and Depression in Mice by Regulating IL-1 $\beta$ Expression and Gut Microbiota. <i>Nutrients</i> , 2020, 12, 3441.	1.7	39
46	Lonchocarpine Increases Nrf2/ARE-Mediated Antioxidant Enzyme Expression by Modulating AMPK and MAPK Signaling in Brain Astrocytes. <i>Biomolecules and Therapeutics</i> , 2016, 24, 581-588.	1.1	39
47	Ocotillo, a Majonoside R2 Metabolite, Ameliorates 2,4,6-Trinitrobenzenesulfonic Acid-Induced Colitis in Mice by Restoring the Balance of Th17/Treg Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 7024-7031.	2.4	38
48	Ergosterol Peroxide from Flowers of <i>Erigeron annuus</i> L. as an Anti-Atherosclerosis Agent. <i>Archives of Pharmacal Research</i> , 2005, 28, 541-545.	2.7	36
49	LC-MS-based absolute metabolite quantification: application to metabolic flux measurement in trypanosomes. <i>Metabolomics</i> , 2015, 11, 1721-1732.	1.4	36
50	Bifidobacteria-Fermented Red Ginseng and Its Constituents Ginsenoside Rd and Protopanaxatriol Alleviate Anxiety/Depression in Mice by the Amelioration of Gut Dysbiosis. <i>Nutrients</i> , 2020, 12, 901.	1.7	36
51	Constituents and the antitumor principle of <i>Allium victorialis</i> var. <i>platyphyllum</i> . <i>Archives of Pharmacal Research</i> , 2001, 24, 44-50.	2.7	35
52	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
53	Metabolism of Chiisanoside from <i>Acanthopanax divaricatus</i> var. <i>albeofructus</i> by Human Intestinal Bacteria and Its Relation to Some Biological Activities. <i>Biological and Pharmaceutical Bulletin</i> , 2001, 24, 582-585.	0.6	34
54	Elevation of Sphinganine 1-Phosphate as a Predictive Biomarker for Fumonisin Exposure and Toxicity in Mice. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 2071-2082.	1.1	33

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55	A prebiotic fiber increases the formation and subsequent absorption of compound K following oral administration of ginseng in rats. <i>Journal of Ginseng Research</i> , 2015, 39, 183-187.	3.0	33
56	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
57	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
58	Alleviation of cognitive impairment by gut microbiota lipopolysaccharide production-suppressing <i>Lactobacillus plantarum</i> and <i>Bifidobacterium longum</i> in mice. <i>Food and Function</i> , 2021, 12, 10750-10763.	2.1	33
59	Transplantation of fecal microbiota from patients with inflammatory bowel disease and depression alters immune response and behavior in recipient mice. <i>Scientific Reports</i> , 2021, 11, 20406.	1.6	33
60	Effects of gut microbiota on the pharmacokinetics of protopanaxadiol ginsenosides Rd, Rg3, F2, and compound K in healthy volunteers treated orally with red ginseng. <i>Journal of Ginseng Research</i> , 2020, 44, 611-618.	3.0	32
61	Improvement of the dissolution rate and bioavailability of fenofibrate by the supercritical anti-solvent process. <i>International Journal of Pharmaceutics</i> , 2019, 564, 263-272.	2.6	28
62	<i>Lactobacillus rhamnosus</i> HDB1258 modulates gut microbiota-mediated immune response in mice with or without lipopolysaccharide-induced systemic inflammation. <i>BMC Microbiology</i> , 2021, 21, 146.	1.3	28
63	Beneficial Effects of Sarpogrelate and Rosuvastatin in High Fat Diet/Streptozotocin-Induced Nephropathy in Mice. <i>PLoS ONE</i> , 2016, 11, e0153965.	1.1	28
64	Cloning and Sequencing of the <i>Klebsiella</i> $\epsilon$ 36 <i>astA</i> Gene, Encoding an Arylsulfate Sulfotransferase. <i>Microbiology and Immunology</i> , 1996, 40, 531-537.	0.7	27
65	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
66	Anti-inflammatory effects of vici-ginsenoside R2 and majonoside R2 isolated from <i>Panax vietnamensis</i> and their metabolites in lipopolysaccharide-stimulated macrophages. <i>International Immunopharmacology</i> , 2015, 28, 700-706.	1.7	27
67	Anti-inflammatory mechanism of lonchocarpine in LPS- or poly(I:C)-induced neuroinflammation. <i>Pharmacological Research</i> , 2017, 119, 431-442.	3.1	27
68	The effect of fecal microbiota transplantation on autistic-like behaviors in <i>Fmr1</i> KO mice. <i>Life Sciences</i> , 2020, 262, 118497.	2.0	27
69	Designing topographically textured microparticles for induction and modulation of osteogenesis in mesenchymal stem cell engineering. <i>Biomaterials</i> , 2021, 266, 120450.	5.7	27
70	The probiotic mixture IRT5 ameliorates age-dependent colitis in rats. <i>International Immunopharmacology</i> , 2015, 26, 416-422.	1.7	26
71	Quantitative Isotope-Dilution High-Resolution-Mass-Spectrometry Analysis of Multiple Intracellular Metabolites in <i>Clostridium autoethanogenum</i> with Uniformly $^{13}\text{C}$ -Labeled Standards Derived from <i>Spirulina</i> . <i>Analytical Chemistry</i> , 2018, 90, 4470-4477.	3.2	25
72	Fermented red ginseng and ginsenoside Rd alleviate ovalbumin-induced allergic rhinitis in mice by suppressing IgE, interleukin-4, and interleukin-5 expression. <i>Journal of Ginseng Research</i> , 2019, 43, 635-644.	3.0	25

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73	Buspiron e alleviates anxiety, depression, and colitis; and modulates gut microbiota in mice. <i>Scientific Reports</i> , 2021, 11, 6094.	1.6	25
74	Potent Trypanocidal Curcumin Analogs Bearing a Monoenone Linker Motif Act on <i>Trypanosoma brucei</i> by Forming an Adduct with Trypanothione. <i>Molecular Pharmacology</i> , 2015, 87, 451-464.	1.0	24
75	Kakkalide and irisolidone alleviate 2,4,6-trinitrobenzenesulfonic acid-induced colitis in mice by inhibiting lipopolysaccharide binding to toll-like receptor-4 and proteobacteria population. <i>International Immunopharmacology</i> , 2019, 73, 246-253.	1.7	24
76	Probiotic NVP-1703 Alleviates Allergic Rhinitis by Inducing IL-10 Expression: A Four-week Clinical Trial. <i>Nutrients</i> , 2020, 12, 1427.	1.7	24
77	Metabolism of saikosaponin c and naringin by human intestinal bacteria. <i>Archives of Pharmacal Research</i> , 1997, 20, 420-424.	2.7	23
78	Effect of a soluble prebiotic fiber, NUTRIOSE, on the absorption of ginsenoside Rd in rats orally administered ginseng. <i>Journal of Ginseng Research</i> , 2014, 38, 203-207.	3.0	23
79	Non-destructive characterisation of mesenchymal stem cell differentiation using LC-MS-based metabolite footprinting. <i>Analyst</i> , 2016, 141, 3776-3787.	1.7	23
80	Chaihu-Shugan-San (Shihosogansan) alleviates restraint stress-generated anxiety and depression in mice by regulating NF- $\kappa$ B-mediated BDNF expression through the modulation of gut microbiota. <i>Chinese Medicine</i> , 2021, 16, 77.	1.6	22
81	Metabolism of Kalopanaxsaponin K by Human Intestinal Bacteria and Antirheumatoid Arthritis Activity of Their Metabolites.. <i>Biological and Pharmaceutical Bulletin</i> , 2002, 25, 68-71.	0.6	21
82	Kinetic variations between reverse transcriptases of viral protein X coding and noncoding lentiviruses. <i>Retrovirology</i> , 2014, 11, 111.	0.9	21
83	Fermented Red Ginseng Alleviates Cyclophosphamide-Induced Immunosuppression and 2,4,6-Trinitrobenzenesulfonic Acid-Induced Colitis in Mice by Regulating Macrophage Activation and T Cell Differentiation. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 1879-1897.	1.5	21
84	Lactobacillus plantarum C29 Alleviates TNBS-Induced Memory Impairment in Mice. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 175-179.	0.9	21
85	Lactobacillus rhamnosus and Bifidobacterium longum alleviate colitis and cognitive impairment in mice by regulating IFN- $\gamma$ to IL-10 and TNF- $\alpha$ to IL-10 expression ratios. <i>Scientific Reports</i> , 2021, 11, 20659.	1.6	21
86	Arctigenin Increases Hemeoxygenase-1 Gene Expression by Modulating PI3K/AKT Signaling Pathway in Rat Primary Astrocytes. <i>Biomolecules and Therapeutics</i> , 2014, 22, 497-502.	1.1	19
87	Physicochemical and sensory characteristics of soy yogurt fermented with Bifidobacterium breve K-110, Streptococcus thermophilus 3781, or Lactobacillus acidophilus Q509011. <i>Food Science and Biotechnology</i> , 2010, 19, 107-113.	1.2	18
88	The Rhizome Mixture of <i>Anemarrhena asphodeloides</i> and <i>Coptidis chinensis</i> Ameliorates Acute and Chronic Colitis in Mice by Inhibiting the Binding of Lipopolysaccharide to TLR4 and IRAK1 Phosphorylation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-11.	0.5	18
89	Chitosan-coated nanostructured lipid carriers of fenofibrate with enhanced oral bioavailability and efficacy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111331.	2.5	18
90	Protopanaxatriol Ginsenoside Rh1 Upregulates Phase II Antioxidant Enzyme Gene Expression in Rat Primary Astrocytes: Involvement of MAP Kinases and Nrf2/ARE Signaling. <i>Biomolecules and Therapeutics</i> , 2016, 24, 33-39.	1.1	18

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91	The Alleviation of Gut Microbiota-Induced Depression and Colitis in Mice by Anti-Inflammatory Probiotics NK151, NK173, and NK175. <i>Nutrients</i> , 2022, 14, 2080.	1.7	18
92	Metabolism of liriodendrin and syringin by human intestinal bacteria and their relation to in vitro cytotoxicity. <i>Archives of Pharmacal Research</i> , 1999, 22, 30-34.	2.7	17
93	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
94	Local drug delivery using poly(lactic-co-glycolic acid) nanoparticles in thermosensitive gels for inner ear disease treatment. <i>Drug Delivery</i> , 2021, 28, 2268-2277.	2.5	17
95	Metabolism of glycyrrhizin and baicalin by human intestinal bacteria. <i>Archives of Pharmacal Research</i> , 1996, 19, 292-296.	2.7	16
96	Cloning and Sequencing of the astA Gene Encoding Arylsulfate Sulfotransferase from <i>Salmonella typhimurium</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2001, 24, 570-574.	0.6	16
97	Orally Administered Antibiotics Vancomycin and Ampicillin Cause Cognitive Impairment With Gut Dysbiosis in Mice With Transient Global Forebrain Ischemia. <i>Frontiers in Microbiology</i> , 2020, 11, 564271.	1.5	16
98	Inhibitory effects of crude drugs on $\alpha$ -glucosidase. <i>Archives of Pharmacal Research</i> , 2000, 23, 261-266.	2.7	15
99	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
100	Induction and inhibition of indole production of intestinal bacteria. <i>Archives of Pharmacal Research</i> , 1995, 18, 351-355.	2.7	14
101	Inhibitory effects of <i>Bifidobacterium</i> Spp. isolated from a healthy Korean on harmful enzymes of human intestinal microflora. <i>Archives of Pharmacal Research</i> , 1998, 21, 54-61.	2.7	14
102	<i>Lactobacillus pentosus</i> var. <i>plantarum</i> C29 increases the protective effect of soybean against scopolamine-induced memory impairment in mice. <i>International Journal of Food Sciences and Nutrition</i> , 2015, 66, 912-918.	1.3	14
103	A CRISPR/Cas9 approach reveals that the polymerase activity of DNA polymerase $\beta$ is dispensable for HIV-1 infection in dividing and nondividing cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 14016-14025.	1.6	14
104	The Mixture of <i>Anemarrhena asphodeloides</i> and <i>Coptis chinensis</i> Attenuates High-Fat Diet-Induced Colitis in Mice. <i>The American Journal of Chinese Medicine</i> , 2017, 45, 1033-1046.	1.5	14
105	<i>Lactobacillus plantarum</i> C29 alleviates NF- $\kappa$ B activation and Th17/Treg imbalance in mice with TNBS-induced colitis. <i>Food and Agricultural Immunology</i> , 2018, 29, 577-589.	0.7	14
106	Optimization of Polyarginine-Conjugated PEG Lipid Grafted Proliposome Formulation for Enhanced Cellular Association of a Protein Drug. <i>Pharmaceutics</i> , 2019, 11, 272.	2.0	14
107	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
108	Effects of paroxetine on the pharmacokinetics of atomoxetine and its metabolites in different CYP2D6 genotypes. <i>Archives of Pharmacal Research</i> , 2020, 43, 1356-1363.	2.7	14



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109	Anti-Helicobacter pylori activity of mushrooms. Archives of Pharmacal Research, 1996, 19, 447-449.	2.7	13
110	<i>Lactobacillus sakei</i> K17, an inducer of IL-10 expression in antigen-presenting cells, attenuates TNBS-induced colitis in mice. Immunopharmacology and Immunotoxicology, 2016, 38, 447-454.	1.1	13
111	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. Analytical Chemistry, 2021, 93, 6947-6954.	3.2	13
112	Intestinal bacterial metabolism of rutin and its relation to mutagenesis. Archives of Pharmacal Research, 1996, 19, 41-45.	2.7	12
113	Anti-stress effect of astragaloside IV in immobilized mice. Journal of Ethnopharmacology, 2014, 153, 928-932.	2.0	12
114	Phospholipid-Gold Nanorods Induce Energy Crisis in MCF-7 Cells: Cytotoxicity Evaluation Using LC-MS-Based Metabolomics Approach. Biomolecules, 2021, 11, 364.	1.8	12
115	Single-Cell Metabolic Profiling of Macrophages Using 3D OrbiSIMS: Correlations with Phenotype. Analytical Chemistry, 2022, 94, 9389-9398.	3.2	12
116	Mechanistic insight into heterogeneity of trans-plasma membrane electron transport in cancer cell types. Biochimica Et Biophysica Acta - Bioenergetics, 2019, 1860, 628-639.	0.5	11
117	Untargeted analysis of plasma samples from pre-eclamptic women reveals polar and apolar changes in the metabolome. Metabolomics, 2019, 15, 157.	1.4	11
118	Facile Dye-Initiated Polymerization of Lactide-Glycolide Generates Highly Fluorescent Poly(lactic-co-glycolic Acid) for Enhanced Characterization of Cellular Delivery. ACS Macro Letters, 2020, 9, 431-437.	2.3	11
119	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. Journal of Infectious Diseases, 2022, 225, 2142-2154.	1.9	11
120	Degradation of acharan sulfate and heparin by <i>Bacteroides stercoris</i> HJ-15, a human intestinal bacterium. Archives of Pharmacal Research, 1998, 21, 576-580.	2.7	10
121	Purification and characterization of acharan sulfate lyases, two novel heparinases, from <i>Bacteroides stercoris</i> HJ-15. FEBS Journal, 2001, 268, 2635-2641.	0.2	10
122	A metabolomics investigation into the effects of HIV protease inhibitors on HPV16 E6 expressing cervical carcinoma cells. Molecular BioSystems, 2014, 10, 398-411.	2.9	10
123	5,7-Dihydroxy-6-Methoxy-Flavonoids Eliminate HIV-1 D3-transfected Cytoprotective Macrophages by Inhibiting the PI3K/Akt Signaling Pathway. Phytotherapy Research, 2015, 29, 1355-1365.	2.8	9
124	<i>Paenibacillus panacihumi</i> sp. nov., a potential plant growth-promoting bacterium isolated from ginseng-cultivated soil. Archives of Microbiology, 2018, 200, 1049-1055.	1.0	9
125	Investigating the intracellular effects of hyperbranched polycation-DNA complexes on lung cancer cells using LC-MS-based metabolite profiling. Molecular Omics, 2019, 15, 77-87.	1.4	9
126	Elimination of Aicardi-Goutières syndrome protein SAMHD1 activates cellular innate immunity and suppresses SARS-CoV-2 replication. Journal of Biological Chemistry, 2022, 298, 101635.	1.6	9



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127	Culture Degeneration Reduces Sex-Related Gene Expression, Alters Metabolite Production and Reduces Insect Pathogenic Response in <i>Cordyceps militaris</i> . <i>Microorganisms</i> , 2021, 9, 1559.	1.6	8
128	Engineering improved ethylene production: Leveraging systems biology and adaptive laboratory evolution. <i>Metabolic Engineering</i> , 2021, 67, 308-320.	3.6	8
129	The Intake of Coffee Increases the Absorption of Aspirin in Mice by Modifying Gut Microbiome. <i>Pharmaceutics</i> , 2022, 14, 746.	2.0	8
130	Identification and characterization of site-specific N-glycosylation in the potassium channel Kv3.1b. <i>Journal of Cellular Physiology</i> , 2018, 233, 549-558.	2.0	7
131	Host SAMHD1 protein restricts endogenous reverse transcription of HIV-1 in nondividing macrophages. <i>Retrovirology</i> , 2018, 15, 69.	0.9	7
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