

# Jae-Hak Park

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80 papers	1,513 citations	20 h-index	35 g-index
85 ext. papers	1,758 ext. citations	4.3 avg, IF	4.05 L-index

#	Paper	IF	Citations
80	Germinal Center-Induced Immunity Is Correlated With Protection Against SARS-CoV-2 Reinfection But Not Lung Damage. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 224, 1861-1872	7	1
79	TALEN-mediated generation of Nkx3.1 knockout rat model. <i>Prostate</i> , <b>2021</b> , 81, 182-193	4.2	1
78	Albendazole exerts antiproliferative effects on prostate cancer cells by inducing reactive oxygen species generation. <i>Oncology Letters</i> , <b>2021</b> , 21, 395	2.6	4
77	Immunization with RBD-P2 and N protects against SARS-CoV-2 in nonhuman primates. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	10
76	Eliminating murine norovirus, <i>Helicobacter hepaticus</i> , and intestinal protozoa by embryo transfer for an entire mouse barrier facility. <i>Experimental Animals</i> , <b>2021</b> ,	1.8	1
75	Toxicity Assessment of Transfluthrin, Benzyl Butyl Phthalate, and 17 $\beta$ -Estradiol on the Primary Fibroblast of the Striped Field Mouse, <i>Apodemus agrarius</i> . <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , <b>2021</b> , 40, 65-79	2.1	
74	Next-Generation Intestinal Toxicity Model of Human Embryonic Stem Cell-Derived Enterocyte-Like Cells. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 587659	3.1	1
73	A Comprehensive Proteomic and Phosphoproteomic Analysis of Retinal Pigment Epithelium Reveals Multiple Pathway Alterations in Response to the Inflammatory Stimuli. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
72	Loss of glutathione peroxidase 3 induces ROS and contributes to prostatic hyperplasia in Nkx3.1 knockout mice. <i>Andrology</i> , <b>2020</b> , 8, 1486-1493	4.2	3
71	Development and evaluation of next-generation cardiotoxicity assay based on embryonic stem cell-derived cardiomyocytes. <i>BMB Reports</i> , <b>2020</b> , 53, 437-441	5.5	1
70	Application of Spectro-DPRA, KeratinoSens and h-CLAT to estimation of the skin sensitization potential of cosmetics ingredients. <i>Journal of Applied Toxicology</i> , <b>2020</b> , 40, 300-312	4.1	5
69	Transient Lymphopenia and Interstitial Pneumonia With Endotheliitis in SARS-CoV-2-Infected Macaques. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 222, 1596-1600	7	19
68	Vitrification for cryopreservation of 2D and 3D stem cells culture using high concentration of cryoprotective agents. <i>BMC Biotechnology</i> , <b>2020</b> , 20, 45	3.5	1
67	Phloretin Inhibits the Human Prostate Cancer Cells Through the Generation of Reactive Oxygen Species. <i>Pathology and Oncology Research</i> , <b>2020</b> , 26, 977-984	2.6	14
66	Phenotyping analysis of p53 knockout mice produced by gene editing and comparison with conventional p53 knockout mice. <i>Genes and Genomics</i> , <b>2019</b> , 41, 701-712	2.1	2
65	Pimozide Inhibits the Human Prostate Cancer Cells Through the Generation of Reactive Oxygen Species. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 1517	5.6	10
64	A protective mechanism of probiotic <i>Lactobacillus</i> against hepatic steatosis via reducing host intestinal fatty acid absorption. <i>Experimental and Molecular Medicine</i> , <b>2019</b> , 51, 1-14	12.8	23

63	High-throughput screening (HTS)-based spectrophotometric direct peptide reactivity assay (Spectro-DPRA) to predict human skin sensitization potential. <i>Toxicology Letters</i> , <b>2019</b> , 314, 27-36	4.4	6
62	Trimethyltin chloride induces reactive oxygen species-mediated apoptosis in retinal cells during zebrafish eye development. <i>Science of the Total Environment</i> , <b>2019</b> , 653, 36-44	10.2	12
61	Triclosan affects axon formation in the neural development stages of zebrafish embryos (Danio rerio). <i>Environmental Pollution</i> , <b>2018</b> , 236, 304-312	9.3	40
60	An outbreak of toxoplasmosis in squirrel monkeys ( <i>Saimiri sciureus</i> ) in South Korea. <i>Journal of Medical Primatology</i> , <b>2018</b> , 47, 238	0.7	6
59	Development of an alternative zebrafish model for drug-induced intestinal toxicity. <i>Journal of Applied Toxicology</i> , <b>2018</b> , 38, 259-273	4.1	6
58	Lactic Acid Upregulates VEGF Expression in Macrophages and Facilitates Choroidal Neovascularization <b>2018</b> , 59, 3747-3754		19
57	A case of active incomplete biliary cirrhosis in an aged female Japanese macaque ( <i>Macaca fuscata</i> ). <i>Journal of Medical Primatology</i> , <b>2018</b> , 47, 270	0.7	
56	Respiratory Toxicity of Polyhexamethylene Guanidine Phosphate Exposure in Zebrafish. <i>Zebrafish</i> , <b>2018</b> , 15, 460-472	2	10
55	Improved Transfection Efficiency and Metabolic Activity in Human Embryonic Stem Cell Using Non-Enzymatic Method. <i>International Journal of Stem Cells</i> , <b>2018</b> , 11, 149-156	3	3
54	Humanized Mice for the Evaluation of Vaccine Candidates. <i>Journal of Microbiology and Biotechnology</i> , <b>2018</b> , 28, 157-164	3.3	2
53	Troglitazone inhibits the migration and invasion of PC-3 human prostate cancer cells by upregulating E-cadherin and glutathione peroxidase 3. <i>Oncology Letters</i> , <b>2018</b> , 16, 5482-5488	2.6	13
52	Establishment, characterization, and toxicological application of a spontaneous immortalized cell line from the striped field mouse, <i>Apodemus agrarius</i> . <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2018</b> , 54, 779-787	2.6	2
51	Pathogenesis of coxsackievirus B2 in mice: characterization of clinical isolates of the coxsackievirus B2 from patients with myocarditis and aseptic meningitis in Korea. <i>Journal of Veterinary Science</i> , <b>2017</b> , 18, 457-464	1.6	1
50	Data set in support of neurotoxicity of trimethyltin chloride by morphological and protein analysis. <i>Data in Brief</i> , <b>2016</b> , 6, 706-9	1.2	2
49	Trimethyltin chloride inhibits neuronal cell differentiation in zebrafish embryo neurodevelopment. <i>Neurotoxicology and Teratology</i> , <b>2016</b> , 54, 29-35	3.9	14
48	A Synthetic Tul4 and FopA Peptide Cocktail of <i>Francisella tularensis</i> Induces Humoral and Cell-Mediated Immune Responses in Mice. <i>Journal of Microbiology and Biotechnology</i> , <b>2016</b> , 26, 1613-9	3.3	2
47	First detection of West Nile virus in domestic pigeon in Korea. <i>Journal of Veterinary Science</i> , <b>2016</b> , 17, 587-589	1.6	10
46	Glutathione Peroxidase 3 Inhibits Prostate Tumorigenesis in TRAMP Mice. <i>Prostate</i> , <b>2016</b> , 76, 1387-98	4.2	17

45	Comparison of the genexpert enterovirus assay (GXE) with real-time one step RT-PCR for the detection of enteroviral RNA in the cerebrospinal fluid of patients with meningitis. <i>Virology Journal</i> , <b>2015</b> , 12, 27	6.1	3
44	Critical role of TRIF and MyD88 in Mycobacterium tuberculosis Hsp70-mediated activation of dendritic cells. <i>Cytokine</i> , <b>2015</b> , 71, 139-44	4	16
43	Antiviral effects of Phyllanthus urinaria containing corilagin against human enterovirus 71 and Coxsackievirus A16 in vitro. <i>Archives of Pharmacal Research</i> , <b>2015</b> , 38, 193-202	6.1	33
42	Standardization of the methods and reference materials used to assess virus content in varicella vaccines. <i>Virology Journal</i> , <b>2015</b> , 12, 101	6.1	2
41	Detection and Molecular Characterization of Cryptosporidium spp. from Wild Rodents and Insectivores in South Korea. <i>Korean Journal of Parasitology</i> , <b>2015</b> , 53, 737-43	1.7	16
40	High animal fat intake enhances prostate cancer progression and reduces glutathione peroxidase 3 expression in early stages of TRAMP mice. <i>Prostate</i> , <b>2014</b> , 74, 1266-77	4.2	27
39	Toll-like receptor 2 promotes bacterial clearance during the initial stage of pulmonary infection with Acinetobacter baumannii. <i>Molecular Medicine Reports</i> , <b>2014</b> , 9, 1410-4	2.9	18
38	A 90-day study of subchronic oral toxicity of 20 nm, negatively charged zinc oxide nanoparticles in Sprague Dawley rats. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9 Suppl 2, 79-92	7.3	13
37	Receptor Interacting Protein 2 (RIP2) Is Dispensable for OVA-Induced Airway Inflammation in Mice. <i>Allergy, Asthma and Immunology Research</i> , <b>2014</b> , 6, 163-8	5.3	4
36	A 90-day study of sub-chronic oral toxicity of 20 nm positively charged zinc oxide nanoparticles in Sprague Dawley rats. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9 Suppl 2, 93-107	7.3	9
35	TRIF Deficiency does not Affect Severity of Ovalbumin-induced Airway Inflammation in Mice. <i>Immune Network</i> , <b>2014</b> , 14, 249-54	6.1	1
34	Antiviral Activity of Hederasaponin B from Hedera helix against Enterovirus 71 Subgenotypes C3 and C4a. <i>Biomolecules and Therapeutics</i> , <b>2014</b> , 22, 41-6	4.2	38
33	Toxicologic assessment of Paecilomyces tenuipes in rats: renal toxicity and mutagenic potential. <i>Regulatory Toxicology and Pharmacology</i> , <b>2014</b> , 70, 527-34	3.4	14
32	The first case of Capillaria hepatica infection in a nutria (Myocastor coypus) in Korea. <i>Korean Journal of Parasitology</i> , <b>2014</b> , 52, 527-9	1.7	7
31	Exposure time to caffeine affects heartbeat and cell damage-related gene expression of zebrafish Danio rerio embryos at early developmental stages. <i>Journal of Applied Toxicology</i> , <b>2013</b> , 33, 1277-83	4.1	17
30	TLR7 expression is decreased during tumour progression in transgenic adenocarcinoma of mouse prostate mice and its activation inhibits growth of prostate cancer cells. <i>American Journal of Reproductive Immunology</i> , <b>2013</b> , 70, 317-26	3.8	7
29	Effects of dietary high fat on prostate intraepithelial neoplasia in TRAMP mice. <i>Laboratory Animal Research</i> , <b>2013</b> , 29, 39-47	1.9	9
28	Effect of fluorescent whitening agent on the transcription of cell damage-related genes in zebrafish embryos. <i>Journal of Applied Toxicology</i> , <b>2012</b> , 32, 654-61	4.1	12

27	Cre/loxP-regulated transgenic zebrafish model for neural progenitor-specific oncogenic Kras expression. <i>Cancer Science</i> , <b>2010</b> , 101, 149-54	6.9	17
26	Production of specific antibodies against SARS-coronavirus nucleocapsid protein without cross reactivity with human coronaviruses 229E and OC43. <i>Journal of Veterinary Science</i> , <b>2010</b> , 11, 165-7	1.6	62
25	Benomyl induction of brain aromatase and toxic effects in the zebrafish embryo. <i>Journal of Applied Toxicology</i> , <b>2009</b> , 29, 289-94	4.1	16
24	Zebrafish embryo extracts promote sphere-forming abilities of human melanoma cell line. <i>Cancer Science</i> , <b>2009</b> , 100, 1429-33	6.9	8
23	Bone morphogenetic protein 7 induces mesenchymal-to-epithelial transition in melanoma cells, leading to inhibition of metastasis. <i>Cancer Science</i> , <b>2009</b> , 100, 2218-25	6.9	58
22	Protective effects of vitamin E against 3,3',4,4',5-pentachlorobiphenyl (PCB126) induced toxicity in zebrafish embryos. <i>Ecotoxicology and Environmental Safety</i> , <b>2009</b> , 72, 714-9	7	34
21	Developmental toxicity and brain aromatase induction by high genistein concentrations in zebrafish embryos. <i>Toxicology Mechanisms and Methods</i> , <b>2009</b> , 19, 251-6	3.6	33
20	Gastric lesions and immune responses caused by long-term infection with <i>Helicobacter heilmannii</i> in C57BL/6 mice. <i>Journal of Comparative Pathology</i> , <b>2008</b> , 139, 208-17	1	10
19	Carbonic anhydrase II gene upregulation and tumorigenesis in Lewis lung carcinoma-bearing mice. <i>Basic and Applied Pathology</i> , <b>2008</b> , 1, 9-11		2
18	In vivo alternative testing with zebrafish in ecotoxicology. <i>Journal of Veterinary Science</i> , <b>2008</b> , 9, 351-7	1.6	27
17	Search for potential target site of nucleocapsid gene for the design of an epitope-based SARS DNA vaccine. <i>Immunology Letters</i> , <b>2008</b> , 118, 65-71	4.1	24
16	Activity of diclofenac used alone and in combination with streptomycin against <i>Mycobacterium tuberculosis</i> in mice. <i>International Journal of Antimicrobial Agents</i> , <b>2007</b> , 30, 336-40	14.3	57
15	Evaluation of phoP and rpoS mutants of <i>Salmonella enterica</i> serovar Typhi as attenuated typhoid vaccine candidates: virulence and protective immune responses in intranasally immunized mice. <i>FEMS Immunology and Medical Microbiology</i> , <b>2007</b> , 51, 310-8		14
14	Quantitative GFP fluorescence as an indicator of arsenite developmental toxicity in mosaic heat shock protein 70 transgenic zebrafish. <i>Toxicology and Applied Pharmacology</i> , <b>2007</b> , 225, 154-61	4.6	22
13	Arsenite-induced apoptosis is prevented by antioxidants in zebrafish liver cell line. <i>Toxicology in Vitro</i> , <b>2007</b> , 21, 870-7	3.6	37
12	Use of PCR-restriction fragment length polymorphism for the identification of zoonotic mycobacteriosis in zebrafish caused by <i>Mycobacterium abscessus</i> and <i>Mycobacterium chelonae</i> . <i>Veterinary Microbiology</i> , <b>2006</b> , 114, 292-7	3.3	7
11	Specific activation of the human HSP70 promoter by copper sulfate in mosaic transgenic zebrafish. <i>Journal of Biotechnology</i> , <b>2006</b> , 126, 406-13	3.7	23
10	Human originated bacteria, <i>Lactobacillus rhamnosus</i> PL60, produce conjugated linoleic acid and show anti-obesity effects in diet-induced obese mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2006</b> , 1761, 736-44	5	244

9	Antimicrobial effect of lactic acid producing bacteria culture condensate mixture (LCCM) against <i>Salmonella enteritidis</i> . <i>International Journal of Food Microbiology</i> , <b>2005</b> , 101, 111-7	5.8	14
8	Potential antimicrobial effects of human lactoferrin against oral infection with <i>Listeria monocytogenes</i> in mice. <i>Journal of Medical Microbiology</i> , <b>2005</b> , 54, 1049-1054	3.2	28
7	The high prevalence of <i>Helicobacter</i> sp. in porcine pyloric mucosa and its histopathological and molecular characteristics. <i>Veterinary Microbiology</i> , <b>2004</b> , 104, 219-25	3.3	22
6	Characteristics of the gastritis induced by <i>Listeria monocytogenes</i> in mice: microbiology, histopathology, and mRNA expression of inflammatory mediators with time course of infection. <i>Microbial Pathogenesis</i> , <b>2004</b> , 37, 87-94	3.8	10
5	Prostatic intraepithelial neoplasia in genetically engineered mice. <i>American Journal of Pathology</i> , <b>2002</b> , 161, 727-35	5.8	130
4	Inhibition of cytokine-induced vascular cell adhesion molecule-1 expression; possible mechanism for anti-atherogenic effect of <i>Agastache rugosa</i> . <i>FEBS Letters</i> , <b>2001</b> , 495, 142-7	3.8	44
3	Therapeutic effect of hyaluronic acid on experimental osteoarthritis of ovine temporomandibular joint. <i>Journal of Veterinary Medical Science</i> , <b>2001</b> , 63, 1083-9	1.1	20
2	Association of tightly spiraled bacterial infection and gastritis in pigs. <i>Journal of Veterinary Medical Science</i> , <b>2000</b> , 62, 725-9	1.1	19
1	Detection of porcine epidemic diarrhea virus by immunohistochemistry with recombinant antibody produced in phages. <i>Journal of Veterinary Medical Science</i> , <b>2000</b> , 62, 333-7	1.1	18