

# Tae-Hoon Lee

## List of Publications by Year in descending order

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90  
papers

3,157  
citations

186265

28  
h-index

168389

53  
g-index

94  
all docs

94  
docs citations

94  
times ranked

4373  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of DPIE [2-(1,2-Diphenyl-1H-indol-3-yl)ethanamine] Derivatives and Their Regulatory Effects on Pro-Inflammatory Cytokine Production in IL-1 $\beta$ -Stimulated Primary Human Oral Cells. <i>Molecules</i> , 2022, 27, 899.	3.8	0
2	Identification of Novel Genes for Cell Fusion during Osteoclast Formation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6421.	4.1	1
3	PMSA prevents osteoclastogenesis and estrogen-dependent bone loss in mice. <i>Bone</i> , 2021, 142, 115707.	2.9	11
4	Resveratrol enhances bone formation by modulating inflammation in the mouse periodontitis model. <i>Journal of Periodontal Research</i> , 2021, 56, 735-745.	2.7	17
5	N-(4-benzoyl-piperazinyl)phenyl-(4-chlorophenoxy) acetamide is a novel inhibitor of resorptive bone loss in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 1425-1438.	3.6	1
6	N-[2-(4-Acetyl-1-Piperazinyl)Phenyl]-2-(3-Methylphenoxy)Acetamide (NAPMA) Inhibits Osteoclast Differentiation and Protects against Ovariectomy-Induced Osteoporosis. <i>Molecules</i> , 2020, 25, 4855.	3.8	2
7	Involvement of peroxiredoxin 2 in cumulus expansion and oocyte maturation in mice. <i>Reproduction, Fertility and Development</i> , 2020, 32, 783.	0.4	1
8	Osmunda japonica Extract Suppresses Pro-Inflammatory Cytokines by Downregulating NF- $\kappa$ B Activation in Periodontal Ligament Fibroblasts Infected with Oral Pathogenic Bacteria. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2453.	4.1	6
9	2-NPPA Mitigates Osteoclastogenesis via Reducing TRAF6-Mediated c-fos Expression. <i>Frontiers in Pharmacology</i> , 2020, 11, 599081.	3.5	4
10	A key metabolic integrator, coenzyme A, modulates the activity of peroxiredoxin 5 via covalent modification. <i>Molecular and Cellular Biochemistry</i> , 2019, 461, 91-102.	3.1	22
11	Inhibitory Effects of N-[2-(4-acetyl-1-piperazinyl) phenyl]-2-(2-chlorophenoxy) acetamide on Osteoclast Differentiation In Vitro via the Downregulation of TRAF6. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5196.	4.1	13
12	PSTP-3,5-Me Inhibits Osteoclast Differentiation and Bone Resorption. <i>Molecules</i> , 2019, 24, 3346.	3.8	13
13	Peroxiredoxin V (PrdxV) negatively regulates EGFR/Stat3-mediated fibrogenesis via a Cys48-dependent interaction between PrdxV and Stat3. <i>Scientific Reports</i> , 2019, 9, 8751.	3.3	9
14	Effects of oleanolic acid acetate on bone formation in an experimental periodontitis model in mice. <i>Journal of Periodontal Research</i> , 2019, 54, 533-545.	2.7	8
15	BCPA {N,N $\epsilon$ <sup>2</sup> -1,4-Butanediybis[3-(2-chlorophenyl)acrylamide]} Inhibits Osteoclast Differentiation through Increased Retention of Peptidyl-Prolyl cis-trans Isomerase Never in Mitosis A-Interacting 1. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3436.	4.1	10
16	Inhibitory Effects of 2N1HIA (2-(3-(2-Fluoro-4-Methoxyphenyl)-6-Oxo-1(6H)-Pyridazinyl)-N-1H-Indol-5-Ylacetamide) on Osteoclast Differentiation via Suppressing Cathepsin K Expression. <i>Molecules</i> , 2018, 23, 3139.	3.8	13
17	Litsea japonica Leaf Extract Suppresses Proinflammatory Cytokine Production in Periodontal Ligament Fibroblasts Stimulated with Oral Pathogenic Bacteria or Interleukin-1 $\beta$ . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2494.	4.1	12
18	DPIE [2-(1,2-diphenyl-1H-indol-3-yl)ethanamine] Augments Pro-Inflammatory Cytokine Production in IL-1 $\beta$ -Stimulated Primary Human Oral Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1835.	4.1	12

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19	The hepcidin-ferroportin axis controls the iron content of Salmonella-containing vacuoles in macrophages. <i>Nature Communications</i> , 2018, 9, 2091.	12.8	51
20	Regulator of G-Protein Signaling 4 (RGS4) Controls Morphine Reward by Glutamate Receptor Activation in the Nucleus Accumbens of Mouse Brain. <i>Molecules and Cells</i> , 2018, 41, 454-464.	2.6	12
21	The analysis of antioxidant expression during muscle atrophy induced by hindlimb suspension in mice. <i>Journal of Physiological Sciences</i> , 2017, 67, 121-129.	2.1	17
22	Caveolin-1 serves as a negative effector in senescent human gingival fibroblasts during <i>Fusobacterium nucleatum</i> infection. <i>Molecular Oral Microbiology</i> , 2017, 32, 236-249.	2.7	14
23	Modification of cysteine 457 in plakoglobin modulates the proliferation and migration of colorectal cancer cells by altering binding to E-cadherin/catenins. <i>Redox Report</i> , 2017, 22, 272-281.	4.5	3
24	Redox Regulation of the Tumor Suppressor PTEN by Hydrogen Peroxide and Tert-Butyl Hydroperoxide. <i>International Journal of Molecular Sciences</i> , 2017, 18, 982.	4.1	13
25	Transcriptome profiling analysis of senescent gingival fibroblasts in response to <i>Fusobacterium nucleatum</i> infection. <i>PLoS ONE</i> , 2017, 12, e0188755.	2.5	30
26	NOX1/2 activation in human gingival fibroblasts by <i>Fusobacterium nucleatum</i> facilitates attachment of <i>Porphyromonas gingivalis</i> . <i>Archives of Microbiology</i> , 2016, 198, 573-583.	2.2	30
27	<i>Salvia plebeia</i> R.Br. inhibits signal transduction of IL-6 and prevents ovariectomy-induced bone loss by suppressing osteoclastogenesis. <i>Archives of Pharmacal Research</i> , 2016, 39, 1671-1681.	6.3	22
28	Effect of Socioeconomic Status on the Linkage Between Suicidal Ideation and Suicide Attempts. <i>Suicide and Life-Threatening Behavior</i> , 2016, 46, 588-597.	1.9	49
29	Phenyl 2-pyridyl ketoxime induces cellular senescence-like alterations via nitric oxide production in human diploid fibroblasts. <i>Aging Cell</i> , 2016, 15, 245-255.	6.7	4
30	Differential Matrix Metalloprotease (MMP) Expression Profiles Found in Aged Gingiva. <i>PLoS ONE</i> , 2016, 11, e0158777.	2.5	17
31	Interaction of peroxiredoxin V with dihydrolipoamide branched chain transacylase E2 (DBT) in mouse kidney under hypoxia. <i>Proteome Science</i> , 2015, 13, 4.	1.7	12
32	Novel Radiolytic Rotenone Derivative, Rotenoin B with Potent Anti-Carcinogenic Activity in Hepatic Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 16806-16815.	4.1	17
33	Differential expression of immunologic proteins in gingiva after socket preservation in mini pigs. <i>Journal of Applied Oral Science</i> , 2015, 23, 187-195.	1.8	6
34	Role of transcription factor Sp1 in the 4-O-methylhonokiol-mediated apoptotic effect on oral squamous cancer cells and xenograft. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 64, 287-297.	2.8	18
35	Antioxidant enzymes as redox-based biomarkers: a brief review. <i>BMB Reports</i> , 2015, 48, 200-208.	2.4	127
36	Multifunctional effects of honokiol as an anti-inflammatory and anti-cancer drug in human oral squamous cancer cells and xenograft. <i>Biomaterials</i> , 2015, 53, 274-284.	11.4	39

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37	In Vivo Efficacy of the Combination of Ciprofloxacin and Cefotaxime against <i>Vibrio vulnificus</i> Sepsis. PLoS ONE, 2014, 9, e101118.	2.5	20
38	Inverse agonist of estrogen-related receptor $\hat{I}^3$ controls <i>Salmonella typhimurium</i> infection by modulating host iron homeostasis. Nature Medicine, 2014, 20, 419-424.	30.7	127
39	Dominant Role of Peroxiredoxin/JNK Axis in Stemness Regulation During Neurogenesis from Embryonic Stem Cells. Stem Cells, 2014, 32, 998-1011.	3.2	37
40	Evaluation of the Antioxidant, Anti-Inflammatory, and Anticancer Activities of <i>Euphorbia hirta</i> Ethanolic Extract. Molecules, 2014, 19, 14567-14581.	3.8	53
41	Peroxiredoxin V selectively regulates IL-6 production by modulating the Jak2-Stat5 pathway. Free Radical Biology and Medicine, 2013, 65, 270-279.	2.9	27
42	Proteomic Analysis of Gingival Tissue and Alveolar Bone during Alveolar Bone Healing. Molecular and Cellular Proteomics, 2013, 12, 2674-2688.	3.8	17
43	Peroxiredoxin I is a ROS/p38 MAPK-dependent inducible antioxidant that regulates NF- $\hat{I}^B$ -mediated iNOS induction and microglial activation. Journal of Neuroimmunology, 2013, 259, 26-36.	2.3	76
44	Comparative Proteomic Analysis of Cysteine Oxidation in Colorectal Cancer Patients. Molecules and Cells, 2013, 35, 533-542.	2.6	19
45	Comparative proteomic analysis for the insoluble fractions of colorectal cancer patients. Journal of Proteomics, 2012, 75, 3639-3653.	2.4	18
46	The functional role of UBA1 cysteine-278 in ubiquitination. Biochemical and Biophysical Research Communications, 2012, 427, 587-592.	2.1	3
47	In-depth analysis of cysteine oxidation by the RBC proteome: Advantage of peroxiredoxin II knockout mice. Proteomics, 2012, 12, 101-112.	2.2	12
48	Peroxiredoxin I deficiency attenuates phagocytic capacity of macrophage in clearance of the red blood cells damaged by oxidative stress. BMB Reports, 2012, 45, 560-564.	2.4	15
49	Peroxiredoxin II preserves cognitive function against age-linked hippocampal oxidative damage. Neurobiology of Aging, 2011, 32, 1054-1068.	3.1	55
50	The Role of Peroxiredoxin V in (E)-Epigallocatechin 3-gallate-Induced Multiple Myeloma Cell Death. Oncology Research, 2011, 19, 391-398.	1.5	11
51	Immune response induced by ppGpp-defective <i>Salmonella enterica</i> serovar Gallinarum in chickens. Journal of Microbiology, 2010, 48, 674-681.	2.8	19
52	Microglial peroxiredoxin V acts as an inducible anti-inflammatory antioxidant through cooperation with redox signaling cascades. Journal of Neurochemistry, 2010, 114, 39-50.	3.9	45
53	RtxA1-Induced Expression of the Small GTPase Rac2 Plays a Key Role in the Pathogenicity of <i>Vibrio vulnificus</i> . Journal of Infectious Diseases, 2010, 201, 97-105.	4.0	48
54	Proteomic Analysis of Protein Expression Affected by Peroxiredoxin V Knock-Down in Hypoxic Kidney. Journal of Proteome Research, 2010, 9, 4003-4015.	3.7	26

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55	Pem renders tumor cells resistant to apoptotic cell death induced by a CD8+ T cell-mediated immune response or anticancer drug treatment. <i>Cancer Letters</i> , 2010, 293, 181-188.	7.2	2
56	Antioxidative Role of Selenoprotein W in Oxidant-Induced Mouse Embryonic Neuronal Cell Death. <i>Molecules and Cells</i> , 2009, 27, 609-614.	2.6	36
57	Parthenogenetic Induction of Canine Oocytes by Electrical Stimulation and Ca <sup>2+</sup> EDTA. <i>Reproduction in Domestic Animals</i> , 2009, 44, 740-744.	1.4	2
58	Gene expression profiling related to the enhanced erythropoiesis in mouse bone marrow cells. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 295-303.	2.6	9
59	Roles of peroxiredoxin II in the regulation of proinflammatory responses to LPS and protection against endotoxin-induced lethal shock. <i>Journal of Experimental Medicine</i> , 2007, 204, 583-594.	8.5	125
60	Direct Transcriptional Activation of Promyelocytic Leukemia Protein by IFN Regulatory Factor 3 Induces the p53-Dependent Growth Inhibition of Cancer Cells. <i>Cancer Research</i> , 2007, 67, 11133-11140.	0.9	39
61	The suppression of zfp-1 accelerates the erythropoietic differentiation of human CD34+ cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 978-984.	2.1	11
62	The role of peroxiredoxin III on late stage of proerythrocyte differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 1030-1036.	2.1	12
63	Neoplastic transformation and tumorigenesis associated with overexpression of imup-1 and imup-2 genes in cultured NIH/3T3 mouse fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 995-1002.	2.1	14
64	Orchiectomy reduces hepatotumorigenesis of H-ras12V transgenic mice via the MAPK pathway. <i>Life Sciences</i> , 2006, 79, 1974-1980.	4.3	8
65	DMBA/TPA-Induced Tumor Formation Is Aggravated in Human Papillomavirus Type 16 E6/E7 Transgenic Mouse Skin. <i>Oncology Research</i> , 2006, 16, 325-332.	1.5	2
66	Characterization of a brain tumor cell line established from transgenic mice expressing the vasopressin SV-40 T antigen. <i>Experimental and Molecular Medicine</i> , 2006, 38, 196-202.	7.7	1
67	Overexpression of Extracellular Superoxide Dismutase (EC-SOD) in Mouse Skin Plays a Protective Role in DMBA/TPA-Induced Tumor Formation. <i>Oncology Research</i> , 2005, 15, 333-341.	1.5	33
68	Gender-dependent hepatic alterations in H-ras12V transgenic mice. <i>Journal of Hepatology</i> , 2005, 43, 836-844.	3.7	56
69	Characterization of neural cell types expressing peroxiredoxins in mouse brain. <i>Neuroscience Letters</i> , 2005, 381, 252-257.	2.1	102
70	Hepatic steatosis in transgenic mice overexpressing human histone deacetylase 1. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 461-466.	2.1	17
71	Cytosolic Peroxiredoxin Attenuates The Activation Of Jnk And P38 But Potentiates That Of Erk In Hela Cells Stimulated With Tumor Necrosis Factor- $\alpha$ . <i>Journal of Biological Chemistry</i> , 2004, 279, 2535-2543.	3.4	77
72	Carbonic Anhydrase III Is Not Required in the Mouse for Normal Growth, Development, and Life Span. <i>Molecular and Cellular Biology</i> , 2004, 24, 9942-9947.	2.3	64

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73	Transgenic expression of Korean type hepatitis C virus core protein and related mutants in mice. <i>Experimental and Molecular Medicine</i> , 2004, 36, 588-593.	7.7	6
74	Effective Production of Microinjectable Blastocysts for Germ-Line Transmission of Embryonic Stem Cells. <i>Experimental Animals</i> , 2004, 53, 475-477.	1.1	1
75	Thyrotropin-Mediated Repression of Class II <i>Trans</i> -Activator Expression in Thyroid Cells: Involvement of STAT3 and Suppressor of Cytokine Signaling. <i>Journal of Immunology</i> , 2003, 171, 616-627.	0.8	29
76	Activation of Signal Transducer and Activator of Transcription 3 by Oncogenic RET/PTC (Rearranged in) Tj ETQq0 0 0 rgBT /Overlock 10 1 Cellular Transformation. <i>Molecular Endocrinology</i> , 2003, 17, 1155-1166.	3.7	61
77	Peroxiredoxin II is essential for sustaining life span of erythrocytes in mice. <i>Blood</i> , 2003, 101, 5033-5038.	1.4	367
78	Nucleotide sequence and structure of the mouse carbonic anhydrase III gene. <i>Gene</i> , 2001, 265, 37-44.	2.2	7
79	Methimazole As an Antioxidant and Immunomodulator in Thyroid Cells: Mechanisms Involving Interferon- $\beta$ Signaling and H <sub>2</sub> O <sub>2</sub> Scavenging. <i>Molecular Pharmacology</i> , 2001, 60, 972-980.	2.3	46
80	Role of Peroxiredoxins in Regulating Intracellular Hydrogen Peroxide and Hydrogen Peroxide-induced Apoptosis in Thyroid Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 18266-18270.	3.4	193
81	Identification of a New Type of Mammalian Peroxiredoxin That Forms an Intramolecular Disulfide as a Reaction Intermediate. <i>Journal of Biological Chemistry</i> , 2000, 275, 20346-20354.	3.4	403
82	Molecular Cloning and Characterization of the Mouse Peroxiredoxin V Gene. <i>Biochemical and Biophysical Research Communications</i> , 2000, 270, 356-362.	2.1	24
83	Blastocyst viability and generation of transgenic cattle following freezing of in vitro produced, DNA-injected embryos. <i>Animal Reproduction Science</i> , 2000, 63, 53-63.	1.5	4
84	Genetic mapping of six mouse peroxiredoxin genes and fourteen peroxiredoxin related sequences. <i>Mammalian Genome</i> , 1999, 10, 1017-1019.	2.2	31
85	Characterization of the murine gene encoding 1-Cys peroxiredoxin and identification of highly homologous genes. <i>Gene</i> , 1999, 234, 337-344.	2.2	36
86	Characterization of mouse peroxiredoxin I genomic DNA and its expression. <i>Gene</i> , 1999, 239, 243-250.	2.2	16
87	High-Level Expression of Human Lactoferrin in Milk of Transgenic Mice Using Genomic Lactoferrin Sequence. <i>Journal of Biochemistry</i> , 1999, 126, 320-325.	1.7	25
88	Polymorphic sequence of Korean Native goat lactoferrin exhibiting greater antibacterial activity. <i>Animal Genetics</i> , 1997, 28, 367-369.	1.7	21
89	Effects of EHS matrix on expression of transgenes in HC11 cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1996, 32, 454-456.	1.5	2
90	Effect of intermittent and stepwise administration of a beta-adrenergic agonist, L644,969, on rat growth performance and skeletal muscles. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1995, 110, 127-132.	0.5	3