

# Won-Jae Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

478  
citations

687363

13  
h-index

713466

21  
g-index

37  
all docs

37  
docs citations

37  
times ranked

853  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multilineage potential and proteomic profiling of human dental stem cells derived from a single donor. <i>Experimental Cell Research</i> , 2014, 320, 92-107.	2.6	84
2	Functional regeneration of tendons using scaffolds with physical anisotropy engineered via microarchitectural manipulation. <i>Science Advances</i> , 2018, 4, eaat4537.	10.3	61
3	Cryopreservation of human dental follicle tissue for use as a resource of autologous mesenchymal stem cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 489-500.	2.7	43
4	Cell source-dependent in vivo immunosuppressive properties of mesenchymal stem cells derived from the bone marrow and synovial fluid of minipigs. <i>Experimental Cell Research</i> , 2015, 333, 273-288.	2.6	38
5	Chronic inflammation-induced senescence impairs immunomodulatory properties of synovial fluid mesenchymal stem cells in rheumatoid arthritis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 502.	5.5	24
6	Characterization and Evaluation of Neuronal Trans-Differentiation with Electrophysiological Properties of Mesenchymal Stem Cells Isolated from Porcine Endometrium. <i>International Journal of Molecular Sciences</i> , 2015, 16, 10934-10951.	4.1	22
7	Characterisation and differentiation of porcine ovarian theca-derived multipotent stem cells. <i>Veterinary Journal</i> , 2013, 197, 761-768.	1.7	21
8	Overexpression of Oct4 in porcine ovarian stem/stromal cells enhances differentiation of oocyte-like cells in vitro and ovarian follicular formation in vivo. <i>Journal of Ovarian Research</i> , 2016, 9, 24.	3.0	17
9	Selection of Reference Genes for Quantitative Gene Expression in Porcine Mesenchymal Stem Cells Derived from Various Sources along with Differentiation into Multilineages. <i>Stem Cells International</i> , 2015, 2015, 1-14.	2.5	16
10	Evaluation of phenotypic, functional and molecular characteristics of porcine mesenchymal stromal/stem cells depending on donor age, gender and tissue source. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 987-995.	0.9	16
11	PPIA, HPRT1, and YWHAZ Genes Are Suitable for Normalization of mRNA Expression in Long-Term Expanded Human Mesenchymal Stem Cells. <i>BioMed Research International</i> , 2019, 2019, 1-11.	1.9	15
12	Selection of reference genes for quantitative real-time polymerase chain reaction in porcine embryos. <i>Reproduction, Fertility and Development</i> , 2017, 29, 357.	0.4	14
13	Development and Gene Expression of Porcine Cloned Embryos Derived from Bone Marrow Stem Cells with Overexpressing Oct4 and Sox2. <i>Cellular Reprogramming</i> , 2014, 16, 428-438.	0.9	13
14	Differential regulation of senescence and <i>in vitro</i> differentiation by 17 $\beta$ -estradiol between mesenchymal stem cells derived from male and female mini-pigs. <i>Journal of Veterinary Science</i> , 2016, 17, 159.	1.3	13
15	Molecular Detection and Subtyping of Blastocysts Detected in Wild Boars ( <i>Sus scrofa</i> ) in South Korea. <i>Journal of Wildlife Diseases</i> , 2020, 56, 662.	0.8	13
16	TATA box binding protein and ribosomal protein 4 are suitable reference genes for normalization during quantitative polymerase chain reaction study in bovine mesenchymal stem cells. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020, 33, 2021-2030.	2.4	12
17	Osteogenic differentiation of human mesenchymal stem cells promoted by the crude extracts of the mixture of <i>Cortex mori radices</i> , <i>Patrinia saniculaefolia</i> . <i>Molecular and Cellular Toxicology</i> , 2015, 11, 475-482.	1.7	9
18	Differentiation Inductions Altered Telomere Length and Telomerase Activity in Human Dental Pulp-Derived Mesenchymal Stem Cell. <i>Journal of Animal Reproduction and Biotechnology</i> , 2019, 34, 93-99.	0.6	7

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19	Immobilization stress increased cytochrome P450 1A2 (CYP1A2) expression in the ovary of rat. Journal of Animal Reproduction and Biotechnology, 2021, 36, 9-16.	0.6	6
20	Alteration of Apoptosis during Differentiation in Human Dental Pulp-Derived Mesenchymal Stem Cell. Journal of Animal Reproduction and Biotechnology, 2019, 34, 2-9.	0.6	5
21	Establishment of normal reference intervals in serum biochemical parameters of domestic sows in Korea. Journal of Animal Reproduction and Biotechnology, 2021, 36, 261-269.	0.6	5
22	Isolation and Cellular Phenotyping of Mesenchymal Stem Cells Derived from Synovial Fluid and Bone Marrow of Minipigs. Journal of Visualized Experiments, 2016, , .	0.3	4
23	Senescence Marker Protein 30 (SMP30): A Novel Pan-Species Diagnostic Marker for the Histopathological Diagnosis of Breast Cancer in Humans and Animals. International Journal of Molecular Sciences, 2021, 22, 2340.	4.1	3
24	Immunohistological expression of cytochrome P450 1A2 (CYP1A2) in the ovarian follicles of prepubertal and pubertal rat. Journal of Animal Reproduction and Biotechnology, 2020, 35, 329-337.	0.6	3
25	Trans-differentiation Induction of Human-mesenchymal Stem Cells Derived from Different Tissue Origin and Evaluation of their Potential for Differentiation into Corneal Epithelial-like Cells. Journal of Animal Reproduction and Biotechnology, 2018, 33, 85-97.	0.6	3
26	Comparison of mesenchymal stem cells isolated from various tissues of isogenic mini-pig. Animal Cells and Systems, 2015, 19, 407-416.	2.2	2
27	IFN- $\gamma$ Licensing Does Not Enhance the Reduced Immunomodulatory Potential and Migratory Ability of Differentiation-Induced Porcine Bone Marrow-Derived Mesenchymal Stem Cells in an In Vitro Xenogeneic Application. BioMed Research International, 2021, 2021, 1-15.	1.9	2
28	Establishment of Normal Reference Data of Analysis in the Fresh and Cryopreserved Canine Spermatozoa. Journal of Animal Reproduction and Biotechnology, 2018, 33, 75-84.	0.6	2
29	PPIA, HPRT1, and YWHAZ are suitable reference genes for quantitative polymerase chain reaction assay of the hypothalamic-pituitary-gonadal axis in sows. Animal Bioscience, 2022, 35, 1850-1859.	2.0	2
30	Metastasis prognostic factors and cancer stem cell-related transcription factors associated with metastasis induction in canine metastatic mammary gland tumors. Journal of Veterinary Science, 2021, 22, e62.	1.3	1
31	Surgical Correction of Medial Patellar Luxation including Release of Vastus Medialis without Trochleoplasty in Small Breed Dogs: A Retrospective Review of 22 Cases. Journal of Veterinary Clinics, 2018, 35, 71-76.	0.1	1
32	Disagreement between direct and indirect blood pressure measurements obtained from minipigs. Korean Journal of Veterinary Research, 2018, 58, 131-136.	0.3	1
33	The effect of synovium graft on conjunctiva in rabbit model of dry eye. Journal of Animal Reproduction and Biotechnology, 2021, 36, 59-68.	0.6	0
34	The Effect of Preferable Enrichments in the Laboratory Minipigs. Journal of Animal Reproduction and Biotechnology, 2017, 32, 305-310.	0.6	0
35	The Cellular Localization of GnRH and LHR in Aged Female Mice. Journal of Animal Reproduction and Biotechnology, 2018, 33, 305-311.	0.6	0
36	Surgically induced degenerative changes in the femorotibial joints by total medial meniscectomy in minipigs closely resemble late-stage osteoarthritis. Korean Journal of Veterinary Research, 2019, 59, 17-24.	0.3	0

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37	Selection of suitable reference gene for gene expression studies of porcine ovaries under different conditions in quantitative reverse transcription polymerase chain reaction assay. <i>Journal of Animal Reproduction and Biotechnology</i> , 2022, 37, 96-105.	0.6	0