

Gi Jin Kim

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,763
citations

489802

18
h-index

325983

40
g-index

73
all docs

73
docs citations

73
times ranked

2767
citing authors

#	ARTICLE	IF	CITATIONS
1	Combination Therapy of Placenta-Derived Mesenchymal Stem Cells with WKYMVm Promotes Hepatic Function in a Rat Model with Hepatic Disease via Vascular Remodeling. <i>Cells</i> , 2022, 11, 232.	1.8	3
2	Increased phosphatase regenerating liver-1 trigger vascular remodeling in injured ovary via platelet-derived growth factor signaling pathway. <i>Stem Cell Research and Therapy</i> , 2022, 13, 95.	2.4	1
3	Overexpression of pigment epithelium-derived factor in placenta-derived mesenchymal stem cells promotes mitochondrial biogenesis in retinal cells. <i>Laboratory Investigation</i> , 2021, 101, 51-69.	1.7	18
4	Vascular remodeling by placenta-derived mesenchymal stem cells restores ovarian function in ovariectomized rat model via the VEGF pathway. <i>Laboratory Investigation</i> , 2021, 101, 304-317.	1.7	38
5	Human placenta-derived mesenchymal stem cells induce trophoblast invasion via dynamic effects on mitochondrial function. <i>Journal of Cellular Physiology</i> , 2021, 236, 6678-6690.	2.0	8
6	Formyl Peptide Receptor 2 Alleviates Hepatic Fibrosis in Liver Cirrhosis by Vascular Remodeling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2107.	1.8	11
7	Efficacy of Gene Modification in Placenta-Derived Mesenchymal Stem Cells Based on Nonviral Electroporation. <i>International Journal of Stem Cells</i> , 2021, 14, 112-118.	0.8	15
8	PEDF-Mediated Mitophagy Triggers the Visual Cycle by Enhancing Mitochondrial Functions in a H2O2-Injured Rat Model. <i>Cells</i> , 2021, 10, 1117.	1.8	9
9	The mitochondrial-derived peptide MOTS-c promotes homeostasis in aged human placenta-derived mesenchymal stem cells in vitro. <i>Mitochondrion</i> , 2021, 58, 135-146.	1.6	10
10	PRL-1 overexpressed placenta-derived mesenchymal stem cells suppress adipogenesis in Gravesâ€™™ ophthalmopathy through SREBP2/HMGCR pathway. <i>Stem Cell Research and Therapy</i> , 2021, 12, 304.	2.4	5
11	MIT-001 Restores Human Placenta-Derived Mesenchymal Stem Cells by Enhancing Mitochondrial Quiescence and Cytoskeletal Organization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5062.	1.8	4
12	miR-373-3p Regulates Invasion and Migration Abilities of Trophoblast Cells via Targeted CD44 and Radixin. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6260.	1.8	7
13	Expression of miRNAs Targeting ATP Binding Cassette Transporter 1 (ABCA1) among Patients with Significant Carotid Artery Stenosis. <i>Biomedicines</i> , 2021, 9, 920.	1.4	4
14	Increased Phosphatase of Regenerating Liver-1 by Placental Stem Cells Promotes Hepatic Regeneration in a Bile-Duct-Ligated Rat Model. <i>Cells</i> , 2021, 10, 2530.	1.8	2
15	Alteration of Pituitary Tumor Transforming Gene 1 by MicroRNA-186 and 655 Regulates Invasion Ability of Human Oral Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1021.	1.8	3
16	Research Trends in the Efficacy of Stem Cell Therapy for Hepatic Diseases Based on MicroRNA Profiling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 239.	1.8	5
17	Activation of the EGFR-PI3K-CaM pathway by PRL-1-overexpressing placenta-derived mesenchymal stem cells ameliorates liver cirrhosis via ER stress-dependent calcium. <i>Stem Cell Research and Therapy</i> , 2021, 12, 551.	2.4	10
18	Human placenta-derived mesenchymal stem cells trigger repair system in TAA-injured rat model via antioxidant effect. <i>Aging</i> , 2021, 13, 61-76.	1.4	13

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19	Alteration of fatty acid oxidation by increased CPT1A on replicative senescence of placenta-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 1.	2.4	311
20	Microenvironmental changes induced by placenta-derived mesenchymal stem cells restore ovarian function in ovariectomized rats via activation of the PI3K-FOXO3 pathway. <i>Stem Cell Research and Therapy</i> , 2020, 11, 486.	2.4	14
21	Mitochondrial Dynamics in Placenta-Derived Mesenchymal Stem Cells Regulate the Invasion Activity of Trophoblast. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8599.	1.8	12
22	Enhanced PRL-1 expression in placenta-derived mesenchymal stem cells accelerates hepatic function via mitochondrial dynamics in a cirrhotic rat model. <i>Stem Cell Research and Therapy</i> , 2020, 11, 512.	2.4	12
23	Exosomes from Placenta-Derived Mesenchymal Stem Cells Are Involved in Liver Regeneration in Hepatic Failure Induced by Bile Duct Ligation. <i>Stem Cells International</i> , 2020, 2020, 1-12.	1.2	21
24	Functionally enhanced placenta-derived mesenchymal stem cells inhibit adipogenesis in orbital fibroblasts with Graves's™ ophthalmopathy. <i>Stem Cell Research and Therapy</i> , 2020, 11, 469.	2.4	10
25	Recent trends in stem cell therapy for premature ovarian insufficiency and its therapeutic potential: a review. <i>Journal of Ovarian Research</i> , 2020, 13, 74.	1.3	33
26	Placenta-Derived Mesenchymal Stem Cells Restore the Ovary Function in an Ovariectomized Rat Model via an Antioxidant Effect. <i>Antioxidants</i> , 2020, 9, 591.	2.2	36
27	A Disintegrin and Metalloproteinase 9 (ADAM9) in Advanced Hepatocellular Carcinoma and Their Role as a Biomarker During Hepatocellular Carcinoma Immunotherapy. <i>Cancers</i> , 2020, 12, 745.	1.7	20
28	Upregulation of C-Reactive Protein by Placenta-Derived Mesenchymal Stem Cells Promotes Angiogenesis in A Rat Model with Cirrhotic Liver. <i>International Journal of Stem Cells</i> , 2020, 13, 404-413.	0.8	3
29	Identification of microRNAs and their target genes in the placenta as biomarkers of inflammation. <i>Clinical and Experimental Reproductive Medicine</i> , 2020, 47, 42-53.	0.5	5
30	Human placenta-derived mesenchymal stem cells ameliorate orbital adipogenesis in female mice models of Graves's™ ophthalmopathy. <i>Stem Cell Research and Therapy</i> , 2019, 10, 246.	2.4	16
31	Dynamic Regulation of miRNA Expression by Functionally Enhanced Placental Mesenchymal Stem Cells Promotes Hepatic Regeneration in a Rat Model with Bile Duct Ligation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5299.	1.8	17
32	Alterations in IL-6/STAT3 Signaling by Korean Mistletoe Lectin Regulate the Self-Renewal Activity of Placenta-Derived Mesenchymal Stem Cells. <i>Nutrients</i> , 2019, 11, 2604.	1.7	3
33	Environmental Benzopyrene Attenuates Stemness of Placenta-Derived Mesenchymal Stem Cells via Aryl Hydrocarbon Receptor. <i>Stem Cells International</i> , 2019, 2019, 1-12.	1.2	10
34	Effects of selenium on the survival and invasion of trophoblasts. <i>Clinical and Experimental Reproductive Medicine</i> , 2018, 45, 10-16.	0.5	17
35	Immunomodulatory Effects of Placenta-derived Mesenchymal Stem Cells on T Cells by Regulation of FoxP3 Expression. <i>International Journal of Stem Cells</i> , 2018, 11, 196-204.	0.8	19
36	3D-cultured human placenta-derived mesenchymal stem cell spheroids enhance ovary function by inducing folliculogenesis. <i>Scientific Reports</i> , 2018, 8, 15313.	1.6	40

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37	Human Chorionic Plate-Derived Mesenchymal Stem Cells Restore Hepatic Lipid Metabolism in a Rat Model of Bile Duct Ligation. <i>Stem Cells International</i> , 2017, 2017, 1-9.	1.2	9
38	Alteration of Pituitary Tumor Transforming Gene-1 Regulates Trophoblast Invasion via the Integrin/Rho-Family Signaling Pathway. <i>PLoS ONE</i> , 2016, 11, e0149371.	1.1	9
39	Microenvironmental Interaction Between Hypoxia and Endothelial Cells Controls the Migration Ability of Placenta-Derived Mesenchymal Stem Cells via β 4 Integrin and Rho Signaling. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 1145-1157.	1.2	17
40	Decreased C-reactive protein induces abnormal vascular structure in a rat model of liver dysfunction induced by bile duct ligation. <i>Clinical and Molecular Hepatology</i> , 2016, 22, 372-381.	4.5	7
41	MicroRNA125b-mediated Hedgehog signaling influences liver regeneration by chorionic plate-derived mesenchymal stem cells. <i>Scientific Reports</i> , 2015, 5, 14135.	1.6	114
42	Advanced Research on Stem Cell Therapy for Hepatic Diseases: Potential Implications of a Placenta-derived Mesenchymal Stem Cell-based Strategy. <i>Hanyang Medical Reviews</i> , 2015, 35, 207.	0.4	5
43	Epigenetic Alterations of IL-6/STAT3 Signaling by Placental Stem Cells Promote Hepatic Regeneration in a Rat Model with CCl ₄ -induced Liver Injury. <i>International Journal of Stem Cells</i> , 2015, 8, 79-89.	0.8	43
44	Effect of Mesenchymal Stem Cells and Extracts Derived from the Placenta on Trophoblast Invasion and Immune Responses. <i>Stem Cells and Development</i> , 2014, 23, 132-145.	1.1	23
45	Changes in PTTG1 by human TERT gene expression modulate the self-renewal of placenta-derived mesenchymal stem cells. <i>Cell and Tissue Research</i> , 2014, 357, 145-157.	1.5	12
46	The effect of ginsenosides on hepatogenic differentiation using placenta-derived stem cells as an in vitro screening system. <i>Molecular and Cellular Toxicology</i> , 2013, 9, 185-193.	0.8	3
47	Human Placenta-Derived Mesenchymal Stem Cells Promote Hepatic Regeneration in CCl ₄ -Injured Rat Liver Model via Increased Autophagic Mechanism. <i>Stem Cells</i> , 2013, 31, 1584-1596.	1.4	80
48	Korean mistletoe lectin promotes proliferation and invasion of trophoblast cells through regulation of Akt signaling. <i>Reproductive Toxicology</i> , 2013, 39, 33-39.	1.3	8
49	Efficacy of chorionic plate-derived mesenchymal stem cells isolated from placenta in CCl ₄ -injured rat liver depends on transplantation routes. <i>Tissue Engineering and Regenerative Medicine</i> , 2013, 10, 10-17.	1.6	2
50	Increased SCF/ β catenin by hypoxia promotes autophagy of human placental chorionic plate-derived mesenchymal stem cells via regulating the phosphorylation of mTOR. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 79-88.	1.2	62
51	Hypoxia-induced downregulation of XIAP in trophoblasts mediates apoptosis via interaction with IMUP2: Implications for placental development during pre-eclampsia. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 89-98.	1.2	15
52	Comparison of immunomodulatory effects of placenta mesenchymal stem cells with bone marrow and adipose mesenchymal stem cells. <i>International Immunopharmacology</i> , 2012, 13, 219-224.	1.7	156
53	Comparison of in vitro hepatogenic differentiation potential between various placenta-derived stem cells and other adult stem cells as an alternative source of functional hepatocytes. <i>Differentiation</i> , 2012, 84, 223-231.	1.0	68
54	Effects of hypoxia inducible factors-1 α on autophagy and invasion of trophoblasts. <i>Clinical and Experimental Reproductive Medicine</i> , 2012, 39, 73.	0.5	36

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55	Placenta extract promote liver regeneration in CCl4-injured liver rat model. International Immunopharmacology, 2011, 11, 976-984.	1.7	47
56	Human chorionic-plate-derived mesenchymal stem cells and Wharton's jelly-derived mesenchymal stem cells: a comparative analysis of their potential as placenta-derived stem cells. Cell and Tissue Research, 2011, 346, 53-64.	1.5	121
57	In vitro screening system for hepatotoxicity: Comparison of bone marrow-derived mesenchymal stem cells and Placenta-derived stem cells. Journal of Cellular Biochemistry, 2011, 112, 49-58.	1.2	23
58	Increased immortalization-upregulated protein 2 (IMUP2) by hypoxia induces apoptosis of the trophoblast and pre-eclampsia. Journal of Cellular Biochemistry, 2010, 110, 522-530.	1.2	13
59	Anti-fibrotic effect of chorionic plate-derived mesenchymal stem cells isolated from human placenta in a rat model of CCl ₄ -injured liver: Potential application to the treatment of hepatic diseases. Journal of Cellular Biochemistry, 2010, 111, 1453-1463.	1.2	109
60	Cytotoxicity of 5-fluorouracil: Effect on endothelial differentiation via cell cycle inhibition in mouse embryonic stem cells. Toxicology in Vitro, 2009, 23, 719-727.	1.1	15