

Insung Kang

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

691
citations

567281

15
h-index

610901

24
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25
all docs

25
docs citations

25
times ranked

1173
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene quantum dots as anti-inflammatory therapy for colitis. <i>Science Advances</i> , 2020, 6, eaaz2630.	10.3	88
2	PGE2 maintains self-renewal of human adult stem cells via EP2-mediated autocrine signaling and its production is regulated by cell-to-cell contact. <i>Scientific Reports</i> , 2016, 6, 26298.	3.3	69
3	Human adipose tissue-derived mesenchymal stem cells alleviate atopic dermatitis via regulation of B lymphocyte maturation. <i>Oncotarget</i> , 2017, 8, 512-522.	1.8	61
4	A p38 MAPK-Mediated Alteration of COX-2/PGE2 Regulates Immunomodulatory Properties in Human Mesenchymal Stem Cell Aging. <i>PLoS ONE</i> , 2014, 9, e102426.	2.5	58
5	Donor-dependent variation of human umbilical cord blood mesenchymal stem cells in response to hypoxic preconditioning and amelioration of limb ischemia. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-15.	7.7	56
6	Inducible HGF-secreting Human Umbilical Cord Blood-derived MSCs Produced via TALEN-mediated Genome Editing Promoted Angiogenesis. <i>Molecular Therapy</i> , 2016, 24, 1644-1654.	8.2	45
7	Cathepsin S contributes to microglia-mediated olfactory dysfunction through the regulation of Cx3cl1-Cx3cr1 axis in a Niemann-Pick disease type C1 model. <i>Glia</i> , 2016, 64, 2291-2305.	4.9	36
8	Excessive microglial activation aggravates olfactory dysfunction by impeding the survival of newborn neurons in the olfactory bulb of Niemann-Pick disease type C1 mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2193-2203.	3.8	31
9	Graphene Quantum Dots from Carbonized Coffee Bean Wastes for Biomedical Applications. <i>Nanomaterials</i> , 2021, 11, 1423.	4.1	27
10	Disease-specific primed human adult stem cells effectively ameliorate experimental atopic dermatitis in mice. <i>Theranostics</i> , 2019, 9, 3608-3621.	10.0	26
11	GATA4-dependent regulation of the secretory phenotype via MCP-1 underlies lamin A-mediated human mesenchymal stem cell aging. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-12.	7.7	24
12	BMI1 inhibits senescence and enhances the immunomodulatory properties of human mesenchymal stem cells via the direct suppression of MKP-1/DUSP1. <i>Aging</i> , 2016, 8, 1670-1689.	3.1	24
13	Single-Factor SOX2 Mediates Direct Neural Reprogramming of Human Mesenchymal Stem Cells via Transfection of <i>In Vitro</i> Transcribed mRNA. <i>Cell Transplantation</i> , 2018, 27, 1154-1167.	2.5	23
14	Generation of patient specific human neural stem cells from Niemann-Pick disease type C patient-derived fibroblasts. <i>Oncotarget</i> , 2017, 8, 85428-85441.	1.8	22
15	MIS416 Enhances Therapeutic Functions of Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells Against Experimental Colitis by Modulating Systemic Immune Milieu. <i>Frontiers in Immunology</i> , 2018, 9, 1078.	4.8	18
16	Graphene Quantum Dots Alleviate Impaired Functions in Niemann-Pick Disease Type C in Vivo. <i>Nano Letters</i> , 2021, 21, 2339-2346.	9.1	17
17	Stem cell-secreted 14,15- epoxyeicosatrienoic acid rescues cholesterol homeostasis and autophagic flux in Niemann-Pick-type C disease. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-14.	7.7	13
18	cAMP/EPAC Signaling Enables ETV2 to Induce Endothelial Cells with High Angiogenesis Potential. <i>Molecular Therapy</i> , 2020, 28, 466-478.	8.2	13

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19	Direct Conversion of Human Umbilical Cord Blood into Induced Neural Stem Cells with SOX2 and HMGA2. <i>International Journal of Stem Cells</i> , 2017, 10, 227-234.	1.8	13
20	Interferon- β -mediated secretion of tryptophanyl-tRNA synthetases has a role in protection of human umbilical cord blood-derived mesenchymal stem cells against experimental colitis. <i>BMB Reports</i> , 2019, 52, 318-323.	2.4	11
21	Oral administration of microbiome-friendly graphene quantum dots as therapy for colitis. <i>2D Materials</i> , 2021, 8, 025036.	4.4	7
22	Human umbilical cord blood plasma alleviates age-related olfactory dysfunction by attenuating peripheral TNF- α expression. <i>BMB Reports</i> , 2019, 52, 259-264.	2.4	5
23	Cell Surface Nano-modulation for Non-invasive in-vivo Near-IR Stem Cell Monitoring. <i>ChemMedChem</i> , 2017, 12, 28-32.	3.2	2
24	Induced neural stem cells from human patient-derived fibroblasts attenuate neurodegeneration in Niemann-Pick type C mice. <i>Journal of Veterinary Science</i> , 2021, 22, e7.	1.3	2
25	Upregulation of SNAP25 by HDAC inhibition ameliorates Niemann-Pick Type C disease phenotypes via autophagy induction. <i>Clinical and Translational Medicine</i> , 2022, 12, e776.	4.0	0