

M Arufe

List of Publications by Year in descending order

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37
papers

1,430
citations

430754

18
h-index

330025

37
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41
all docs

41
docs citations

41
times ranked

2172
citing authors

#	ARTICLE	IF	CITATIONS
1	Early maternal hypothyroxinemia alters histogenesis and cerebral cortex cytoarchitecture of the progeny. <i>Journal of Clinical Investigation</i> , 2003, 111, 1073-1082.	3.9	351
2	Differentiation of synovial CD105 ⁺ human mesenchymal stem cells into chondrocyte-like cells through spheroid formation. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 145-155.	1.2	100
3	Chondrogenic potential of subpopulations of cells expressing mesenchymal stem cell markers derived from human synovial membranes. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 834-845.	1.2	95
4	Effect of age on pro-inflammatory miRNAs contained in mesenchymal stem cell-derived extracellular vesicles. <i>Scientific Reports</i> , 2017, 7, 43923.	1.6	69
5	Directed Differentiation of Mouse Embryonic Stem Cells into Thyroid Follicular Cells. <i>Endocrinology</i> , 2006, 147, 3007-3015.	1.4	68
6	Effect of aging on behaviour of mesenchymal stem cells. <i>World Journal of Stem Cells</i> , 2019, 11, 337-346.	1.3	68
7	Influence of age on rat bone-marrow mesenchymal stem cells potential. <i>Scientific Reports</i> , 2015, 5, 16765.	1.6	59
8	Lamin A deregulation in human mesenchymal stem cells promotes an impairment in their chondrogenic potential and imbalance in their response to oxidative stress. <i>Stem Cell Research</i> , 2013, 11, 1137-1148.	0.3	50
9	Analysis of the Chondrogenic Potential and Secretome of Mesenchymal Stem Cells Derived from Human Umbilical Cord Stroma. <i>Stem Cells and Development</i> , 2011, 20, 1199-1212.	1.1	47
10	Differentiation of murine embryonic stem cells to thyrocytes requires insulin and insulin-like growth factor-1. <i>Biochemical and Biophysical Research Communications</i> , 2009, 381, 264-270.	1.0	37
11	Influence of mesenchymal stem cell-derived extracellular vesicles in vitro and their role in ageing. <i>Stem Cell Research and Therapy</i> , 2020, 11, 13.	2.4	32
12	iTRAQ-based analysis of progerin expression reveals mitochondrial dysfunction, reactive oxygen species accumulation and altered proteostasis. <i>Stem Cell Research and Therapy</i> , 2015, 6, 119.	2.4	28
13	CD105 ⁺ -mesenchymal stem cells migrate into osteoarthritis joint: An animal model. <i>PLoS ONE</i> , 2017, 12, e0188072.	1.1	28
14	Proteome Analysis During Chondrocyte Differentiation in a New Chondrogenesis Model Using Human Umbilical Cord Stroma Mesenchymal Stem Cells. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.010496.	2.5	26
15	Effect of Excitatory Amino Acids on Serum TSH and Thyroid Hormone Levels in Freely Moving Rats. <i>Hormone Research in Paediatrics</i> , 2000, 54, 78-83.	0.8	22
16	Therapeutic Potential for Regulation of the Nuclear Factor Kappa-B Transcription Factor p65 to Prevent Cellular Senescence and Activation of Pro-Inflammatory in Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3367.	1.8	20
17	Umbilical cord as a mesenchymal stem cell source for treating joint pathologies. <i>World Journal of Orthopedics</i> , 2011, 2, 43.	0.8	18
18	Next-Generation Sequencing and Quantitative Proteomics of Hutchinson-Gilford progeria syndrome-derived cells point to a role of nucleotide metabolism in premature aging. <i>PLoS ONE</i> , 2018, 13, e0205878.	1.1	16

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19	Endogenous Excitatory Amino Acid Neurotransmission Regulates Thyroid-Stimulating Hormone and Thyroid Hormone Secretion in Conscious Freely Moving Male Rats. <i>Endocrine</i> , 2002, 17, 193-198.	2.2	14
20	Effects of domoic acid on serum levels of TSH and thyroid hormones. <i>Endocrine Research</i> , 1995, 21, 671-680.	0.6	13
21	Mesenchymal stromal cells for articular cartilage repair: preclinical studies. , 2020, 40, 88-114.		13
22	Effect of domoic acid on metabolism of 5-hydroxytryptamine in rat brain. <i>Neurochemical Research</i> , 1995, 20, 401-404.	1.6	12
23	Biodistribution and Immunogenicity of Allogeneic Mesenchymal Stem Cells in a Rat Model of Intraarticular Chondrocyte Xenotransplantation. <i>Frontiers in Immunology</i> , 2017, 8, 1465.	2.2	12
24	3, 3-iodo-L-thyronine Increases In Vitro Chondrogenesis of Mesenchymal Stem Cells From Human Umbilical Cord Stroma Through SRC2. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2097-2108.	1.2	9
25	Proteomic Applications in the Study of Human Mesenchymal Stem Cells. <i>Proteomes</i> , 2014, 2, 53-71.	1.7	7
26	Influence of Flap Prefabrication on Seeding of Subcutaneously Injected Mesenchymal Stem Cells in Microvascular Beds in Rats. <i>Annals of Plastic Surgery</i> , 2014, 73, 234-238.	0.5	5
27	Mesenchymal Stem Cell-Derived Extracellular Isolation and Their Protein Cargo Characterization. <i>Methods in Molecular Biology</i> , 2021, 2259, 3-12.	0.4	5
28	High-Throughput Screen Detects Calcium Signaling Dysfunction in Hutchinson-Gilford Progeria Syndrome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7327.	1.8	5
29	Effect of Okadaic Acid and Calyculin-A, Two Protein Phosphatase Inhibitors, on Thyrotropin-Stimulated Triiodothyronine Secretion in Cultured Sheep Thyroid Cells. <i>Endocrine</i> , 1999, 11, 235-240.	2.2	4
30	The addition of albumin improves Schwann cells viability in nerve cryopreservation. <i>Cell and Tissue Banking</i> , 2018, 19, 507-517.	0.5	3
31	Acellular nerve graft enriched with mesenchymal stem cells in the transfer of the phrenic nerve to the musculocutaneous nerve in a C5-6 brachial plexus avulsion in a rat model. <i>Microsurgery</i> , 2021, , .	0.6	2
32	164 CHONDROGENIC POTENTIAL OF SUBPOPULATIONS OF CELLS EXPRESSING MESENCHYMAL STEM CELL MARKERS DERIVED FROM HUMAN SYNOVIAL MEMBRANES. <i>Osteoarthritis and Cartilage</i> , 2010, 18, S80-S81.	0.6	1
33	174 SECRETOME ANALYSIS OF MESENCHYMAL STEM CELLS FROM HUMAN UMBILICAL CORD STROME DURING THE CHONDROGENESIS. <i>Osteoarthritis and Cartilage</i> , 2010, 18, S84-S85.	0.6	1
34	Lamin a deregulation in human mesenchymal stem cells promotes an impairment in their chondrogenic potential and imbalance in their response to oxidative stress. <i>Osteoarthritis and Cartilage</i> , 2012, 20, S270.	0.6	1
35	Action Mechanisms of Small Extracellular Vesicles in Inflammaging. <i>Life</i> , 2022, 12, 546.	1.1	1
36	109 MESENCHYMAL STEM CELLS MIGRATE INTO OSTEOARTHRITIS JOINT FROM SYSTEMIC CIRCULATION: AN ANIMAL MODEL. <i>Osteoarthritis and Cartilage</i> , 2011, 19, S58.	0.6	0

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37	T3 effect through SCR2 on chondrogenesis in vitro. Osteoarthritis and Cartilage, 2012, 20, S276.	0.6	0