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 g-index
41 all docs	41 docs citations	41 times ranked	2172 citing authors

#	Article	IF	Citations
1	Action Mechanisms of Small Extracellular Vesicles in Inflammaging. Life, 2022, 12, 546.	1.1	1
2	Mesenchymal Stem Cell-Derived Extracellular Isolation and Their Protein Cargo Characterization. Methods in Molecular Biology, 2021, 2259, 3-12.	0.4	5
3	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. International Journal of Molecular Sciences, 2021, 22, 3367.	1.8	20
4	High-Throughput Screen Detects Calcium Signaling Dysfunction in Hutchinson-Gilford Progeria Syndrome. International Journal of Molecular Sciences, 2021, 22, 7327.	1.8	5
5	Acellular nerve graft enriched with mesenchymal stem cells in the transfer of the phrenic nerve to the musculocutaneous nerve in a C5â€C6 brachial plexus avulsion in a rat model. Microsurgery, 2021, , .	0.6	2
6	Influence of mesenchymal stem cell-derived extracellular vesicles in vitro and their role in ageing. Stem Cell Research and Therapy, 2020, 11, 13.	2.4	32
7	Mesenchymal stromal cells for articular cartilage repair: preclinical studies. , 2020, 40, 88-114.		13
8	Effect of aging on behaviour of mesenchymal stem cells. World Journal of Stem Cells, 2019, 11, 337-346.	1.3	68
9	The addition of albumin improves Schwann cells viability in nerve cryopreservation. Cell and Tissue Banking, 2018, 19, 507-517.	0.5	3
10	Next-Generation Sequencing and Quantitative Proteomics of Hutchinson-Gilford progeria syndrome-derived cells point to a role of nucleotide metabolism in premature aging. PLoS ONE, 2018, 13, e0205878.	1.1	16
11	Effect of age on pro-inflammatory miRNAs contained in mesenchymal stem cell-derived extracellular vesicles. Scientific Reports, 2017, 7, 43923.	1.6	69
12	Biodistribution and Immunogenicity of Allogeneic Mesenchymal Stem Cells in a Rat Model of Intraarticular Chondrocyte Xenotransplantation. Frontiers in Immunology, 2017, 8, 1465.	2.2	12
13	CD105+-mesenchymal stem cells migrate into osteoarthritis joint: An animal model. PLoS ONE, 2017, 12, e0188072.	1.1	28
14	3, 3â€², 5â€²triiodoâ€Lâ€thyronine Increases In Vitro Chondrogenesis of Mesenchymal Stem Cells From Human Umbilical Cord Stroma Through SRC2. Journal of Cellular Biochemistry, 2016, 117, 2097-2108.	1.2	9
15	Influence of age on rat bone-marrow mesenchymal stem cells potential. Scientific Reports, 2015, 5, 16765.	1.6	59
16	iTRAQ-based analysis of progerin expression reveals mitochondrial dysfunction, reactive oxygen species accumulation and altered proteostasis. Stem Cell Research and Therapy, 2015, 6, 119.	2.4	28
17	Proteomic Applications in the Study of Human Mesenchymal Stem Cells. Proteomes, 2014, 2, 53-71.	1.7	7
18	Influence of Flap Prefabrication on Seeding of Subcutaneously Injected Mesenchymal Stem Cells in Microvascular Beds in Rats. Annals of Plastic Surgery, 2014, 73, 234-238.	0.5	5

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19	Lamin A deregulation in human mesenchymal stem cells promotes an impairment in their chondrogenic potential and imbalance in their response to oxidative stress. Stem Cell Research, 2013, 11, 1137-1148.	0.3	50
20	Proteome Analysis During Chondrocyte Differentiation in a New Chondrogenesis Model Using Human Umbilical Cord Stroma Mesenchymal Stem Cells. Molecular and Cellular Proteomics, 2012, 11, M111.010496.	2.5	26
21	Lamin a deregulation in human mesenchymal stem cells promotes an impairment in their chondrogenic potential and imbalance in their response to oxidative stress. Osteoarthritis and Cartilage, 2012, 20, S270.	0.6	1
22	T3 effect through SCR2 on chondrogenesis in vitro. Osteoarthritis and Cartilage, 2012, 20, S276.	0.6	0
23	Analysis of the Chondrogenic Potential and Secretome of Mesenchymal Stem Cells Derived from Human Umbilical Cord Stroma. Stem Cells and Development, 2011, 20, 1199-1212.	1.1	47
24	109 MESENCHYMAL STEM CELLS MIGRATE INTO OSTEOARTHRITIS JOINT FROM SYSTEMIC CIRCULATION: AN ANIMAL MODEL. Osteoarthritis and Cartilage, 2011, 19, S58.	0.6	0
25	Umbilical cord as a mesenchymal stem cell source for treating joint pathologies. World Journal of Orthopedics, 2011, 2, 43.	0.8	18
26	164 CHONDROGENIC POTENTIAL OF SUBPOPULATIONS OF CELLS EXPRESSING MESENCHYMAL STEM CELL MARKERS DERIVED FROM HUMAN SYNOVIAL MEMBRANES. Osteoarthritis and Cartilage, 2010, 18, S80-S81.	0.6	1
27	174 SECRETOME ANALYSIS OF MESENCHYMAL STEM CELLS FROM HUMAN UMBILICAL CORD STROME DURING THE CHONDROGENESIS. Osteoarthritis and Cartilage, 2010, 18, S84-S85.	0.6	1
28	Chondrogenic potential of subpopulations of cells expressing mesenchymal stem cell markers derived from human synovial membranes. Journal of Cellular Biochemistry, 2010, 111, 834-845.	1.2	95
29	Differentiation of synovial CDâ€105⁺ human mesenchymal stem cells into chondrocyteâ€like cells through spheroid formation. Journal of Cellular Biochemistry, 2009, 108, 145-155.	1.2	100
30	Differentiation of murine embryonic stem cells to thyrocytes requires insulin and insulin-like growth factor-1. Biochemical and Biophysical Research Communications, 2009, 381, 264-270.	1.0	37
31	Directed Differentiation of Mouse Embryonic Stem Cells into Thyroid Follicular Cells. Endocrinology, 2006, 147, 3007-3015.	1.4	68
32	Early maternal hypothyroxinemia alters histogenesis and cerebral cortex cytoarchitecture of the progeny. Journal of Clinical Investigation, 2003, 111, 1073-1082.	3.9	351
33	Endogenous Excitatory Amino Acid Neurotransmission Regulates Thyroid-Stimulating Hormone and Thyroid Hormone Secretion in Conscious Freely Moving Male Rats. Endocrine, 2002, 17, 193-198.	2.2	14
34	Effect of Excitatory Amino Acids on Serum TSH and Thyroid Hormone Levels in Freely Moving Rats. Hormone Research in Paediatrics, 2000, 54, 78-83.	0.8	22
35	Effect of Okadaic Acid and Calyculin-A, Two Protein Phosphatase Inhibitors, on Thyrotropin-Stimulated Triiodothyronine Secretion in Cultured Sheep Thyroid Cells. Endocrine, 1999, 11, 235-240.	2.2	4
36	Effect of domoic acid on metabolism of 5-hydroxytryptamine in rat brain. Neurochemical Research, 1995, 20, 401-404.	1.6	12

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37	Effects of domoic acid on serum levels of TSH and thyroid hormones. Endocrine Research, 1995, 21, 671-680.	0.6	13