

Moustapha Kassem

List of Publications by Year in descending order

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Version: 2024-02-01

330
papers

23,290
citations

6254

80
h-index

11052

137
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all docs

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docs citations

339
times ranked

26411
citing authors

#	ARTICLE	IF	CITATIONS
1	Impaired Bone Fracture Healing in Type 2 Diabetes Is Caused by Defective Functions of Skeletal Progenitor Cells. <i>Stem Cells</i> , 2022, 40, 149-164.	3.2	15
2	Protein Expression of AEBP1, MCM4, and FABP4 Differentiate Osteogenic, Adipogenic, and Mesenchymal Stromal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2568.	4.1	5
3	Thermogenic potentials of bone marrow adipocytes. <i>Bone</i> , 2021, 143, 115658.	2.9	3
4	Myeloma-Modified Adipocytes Exhibit Metabolic Dysfunction and a Senescence-Associated Secretory Phenotype. <i>Cancer Research</i> , 2021, 81, 634-647.	0.9	50
5	Effect of PTH treatment on bone healing in insufficiency fractures of the pelvis: a systematic review. <i>EFORT Open Reviews</i> , 2021, 6, 9-14.	4.1	5
6	JAK2 Inhibition by Fedratinib Reduces Osteoblast Differentiation and Mineralisation of Human Mesenchymal Stem Cells. <i>Molecules</i> , 2021, 26, 606.	3.8	4
7	The Relationship Between Bone and Reproductive Hormones Beyond Estrogens and Androgens. <i>Endocrine Reviews</i> , 2021, 42, 691-719.	20.1	41
8	Identification of a clinical signature predictive of differentiation fate of human bone marrow stromal cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 265.	5.5	8
9	Bone marrow adipose tissue: Role in bone remodeling and energy metabolism. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101545.	4.7	18
10	Reply. <i>Gastroenterology</i> , 2021, 161, 2068-2069.	1.3	0
11	Molecular differences of adipose-derived mesenchymal stem cells between non-responders and responders in treatment of transphincteric perianal fistulas. <i>Stem Cell Research and Therapy</i> , 2021, 12, 586.	5.5	2
12	Phosphoproteomic profiling reveals a defined genetic program for osteoblastic lineage commitment of human bone marrow-derived stromal stem cells. <i>Genome Research</i> , 2020, 30, 127-137.	5.5	10
13	Single-cell high-content imaging parameters predict functional phenotype of cultured human bone marrow stromal stem cells. <i>Stem Cells Translational Medicine</i> , 2020, 9, 189-202.	3.3	22
14	Tankyrase inhibitor XAV-939 enhances osteoblastogenesis and mineralization of human skeletal (mesenchymal) stem cells. <i>Scientific Reports</i> , 2020, 10, 16746.	3.3	14
15	Treating mouse skull defects with 3D-printed fatty acid and tricalcium phosphate implants. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 1858-1868.	2.7	3
16	Generation of Inducible CRISPRi and CRISPRa Human Stromal/Stem Cell Lines for Controlled Target Gene Transcription during Lineage Differentiation. <i>Stem Cells International</i> , 2020, 2020, 1-11.	2.5	6
17	MicroRNA-3148 acts as molecular switch promoting malignant transformation and adipocytic differentiation of immortalized human bone marrow stromal cells via direct targeting of the SMAD2/TGF β 2 pathway. <i>Cell Death Discovery</i> , 2020, 6, 79.	4.7	3
18	Transgelin is a poor prognostic factor associated with advanced colorectal cancer (CRC) stage promoting tumor growth and migration in a TGF β 2-dependent manner. <i>Cell Death and Disease</i> , 2020, 11, 341.	6.3	30

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19	Delta-like 1 (DLK1) is a possible mediator of vitamin D effects on bone and energy metabolism. <i>Bone</i> , 2020, 138, 115510.	2.9	2
20	Identification of osteolineage cell-derived extracellular vesicle cargo implicated in hematopoietic support. <i>FASEB Journal</i> , 2020, 34, 5435-5452.	0.5	10
21	Resveratrol inhibits adipocyte differentiation and cellular senescence of human bone marrow stromal stem cells. <i>Bone</i> , 2020, 133, 115252.	2.9	36
22	Bone From Blood: Characteristics and Clinical Implications of Circulating Osteogenic Progenitor (COP) Cells. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 12-23.	2.8	11
23	The Antiresorptive Effect of GIP, But Not GLP-2, Is Preserved in Patients With Hypoparathyroidism ² A Randomized Crossover Study. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1448-1458.	2.8	17
24	Fibroblasts direct differentiation of human breast epithelial progenitors. <i>Breast Cancer Research</i> , 2020, 22, 102.	5.0	21
25	ARDD 2020: from aging mechanisms to interventions. <i>Aging</i> , 2020, 12, 24484-24503.	3.1	32
26	Less is more: Corroborating a genomic biomarker identifying human bone marrow multipotent stromal cells with high scalability. <i>Stem Cells</i> , 2020, 38, E5-E6.	3.2	2
27	Transit amplifying cells coordinate mouse incisor mesenchymal stem cell activation. <i>Nature Communications</i> , 2019, 10, 3596.	12.8	31
28	Notch Signaling Inhibition by LY411575 Attenuates Osteoblast Differentiation and Decreased Ectopic Bone Formation Capacity of Human Skeletal (Mesenchymal) Stem Cells. <i>Stem Cells International</i> , 2019, 2019, 1-12.	2.5	12
29	Absence of an osteopetrosis phenotype in IKBKG (NEMO) mutation-positive women: A case-control study. <i>Bone</i> , 2019, 121, 243-254.	2.9	4
30	Neoplastic Transformation of Human Mesenchymal Stromal Cells Mediated via LIN28B. <i>Scientific Reports</i> , 2019, 9, 8101.	3.3	25
31	Obesity-Associated Hypermetabolism and Accelerated Senescence of Bone Marrow Stromal Stem Cells Suggest a Potential Mechanism for Bone Fragility. <i>Cell Reports</i> , 2019, 27, 2050-2062.e6.	6.4	86
32	Efficacy of Injection of Freshly Collected Autologous Adipose Tissue Into Perianal Fistulas in Patients With Crohn's Disease. <i>Gastroenterology</i> , 2019, 156, 2208-2216.e1.	1.3	72
33	CXCR7 signaling promotes breast cancer survival in response to mesenchymal stromal stem cell-derived factors. <i>Cell Death Discovery</i> , 2019, 5, 87.	4.7	13
34	Convergence of TGF β 2 and BMP signaling in regulating human bone marrow stromal cell differentiation. <i>Scientific Reports</i> , 2019, 9, 4977.	3.3	15
35	Osteogenesis depends on commissioning of a network of stem cell transcription factors that act as repressors of adipogenesis. <i>Nature Genetics</i> , 2019, 51, 716-727.	21.4	156
36	Lansoprazole inhibits the cysteine protease legumain by binding to the active site. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 89-99.	2.5	9

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37	Aging and lineage allocation changes of bone marrow skeletal (stromal) stem cells. <i>Bone</i> , 2019, 123, 265-273.	2.9	46
38	KIAA1199 is a secreted molecule that enhances osteoblastic stem cell migration and recruitment. <i>Cell Death and Disease</i> , 2019, 10, 126.	6.3	31
39	A simple and reliable protocol for long-term culture of murine bone marrow stromal (mesenchymal) stem cells that retained their in vitro and in vivo stemness in long-term culture. <i>Biological Procedures Online</i> , 2019, 21, 3.	2.9	24
40	Mesenchymal stem cells isolated from both distal femurs of patients with unilateral trauma or osteoarthritis of the knee exhibit similar in-vitro ability of bone formation. <i>Journal of Orthopaedic Science</i> , 2019, 24, 918-924.	1.1	2
41	Insulin Signaling in Bone Marrow Adipocytes. <i>Current Osteoporosis Reports</i> , 2019, 17, 446-454.	3.6	21
42	Hedgehog Signaling Inhibition by Smoothed Antagonist BMS-833923 Reduces Osteoblast Differentiation and Ectopic Bone Formation of Human Skeletal (Mesenchymal) Stem Cells. <i>Stem Cells International</i> , 2019, 2019, 1-12.	2.5	16
43	Metabolic programming determines the lineage-differentiation fate of murine bone marrow stromal progenitor cells. <i>Bone Research</i> , 2019, 7, 35.	11.4	30
44	TFA2 Induces Skeletal (Stromal) Stem Cell Migration Through Activation of Rac1-p38 Signaling. <i>Stem Cells</i> , 2019, 37, 407-416.	3.2	18
45	Strontium functionalized scaffold for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2019, 94, 509-515.	7.3	27
46	Secreted Clusterin protein inhibits osteoblast differentiation of bone marrow mesenchymal stem cells by suppressing ERK1/2 signaling pathway. <i>Bone</i> , 2018, 110, 221-229.	2.9	31
47	Antibody-based inhibition of circulating DLK1 protects from estrogen deficiency-induced bone loss in mice. <i>Bone</i> , 2018, 110, 312-320.	2.9	8
48	Molecular Phenotyping of Telomerized Human Bone Marrow Skeletal Stem Cells Reveals a Genetic Program of Enhanced Proliferation and Maintenance of Differentiation Responses. <i>JBMR Plus</i> , 2018, 2, 257-267.	2.7	21
49	High-Fat Dietâ€œInduced Obesity Promotes Expansion of Bone Marrow Adipose Tissue and Impairs Skeletal Stem Cell Functions in Mice. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1154-1165.	2.8	153
50	Global MicroRNA Profiling in Human Bone Marrow Skeletalâ€œStromal or Mesenchymalâ€œStem Cells Identified Candidates for Bone Regeneration. <i>Molecular Therapy</i> , 2018, 26, 593-605.	8.2	37
51	Multiple intracellular signaling pathways orchestrate adipocytic differentiation of human bone marrow stromal stem cells. <i>Bioscience Reports</i> , 2018, 38, .	2.4	10
52	Actin depolymerization enhances adipogenic differentiation in human stromal stem cells. <i>Stem Cell Research</i> , 2018, 29, 76-83.	0.7	47
53	Effects of gastric inhibitory polypeptide, glucagonâ€œlike peptideâ€œ1 and glucagonâ€œlike peptideâ€œ1 receptor agonists on Bone Cell Metabolism. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 122, 25-37.	2.5	25
54	Bioactive nanoâ€œfibrous scaffold for vascularized craniofacial bone regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e1537-e1548.	2.7	34

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55	Stem cell library screen identified ruxolitinib as regulator of osteoblastic differentiation of human skeletal stem cells. <i>Stem Cell Research and Therapy</i> , 2018, 9, 319.	5.5	14
56	NR2F1 mediated down-regulation of osteoblast differentiation was rescued by bone morphogenetic protein-2 (BMP-2) in human MSC. <i>Differentiation</i> , 2018, 104, 36-41.	1.9	15
57	Clinical improvement in a patient with monostotic melorheostosis after treatment with denosumab: a case report. <i>Journal of Medical Case Reports</i> , 2018, 12, 278.	0.8	8
58	Composites of fatty acids and ceramic powders are versatile biomaterials for personalized implants and controlled release of pharmaceuticals. <i>Bioprinting</i> , 2018, 10, e00027.	5.8	9
59	Induction of quiescence (G0) in bone marrow stromal stem cells enhances their stem cell characteristics. <i>Stem Cell Research</i> , 2018, 30, 69-80.	0.7	28
60	Comparison of Regenerative Tissue Quality following Matrix-Associated Cell Implantation Using Amplified Chondrocytes Compared to Synovium-Derived Stem Cells in a Rabbit Model for Cartilage Lesions. <i>Stem Cells International</i> , 2018, 2018, 1-12.	2.5	14
61	TGF β 1-Induced Differentiation of Human Bone Marrow-Derived MSCs Is Mediated by Changes to the Actin Cytoskeleton. <i>Stem Cells International</i> , 2018, 2018, 1-14.	2.5	31
62	Romidepsin Promotes Osteogenic and Adipocytic Differentiation of Human Mesenchymal Stem Cells through Inhibition of Histone deacetylase Activity. <i>Stem Cells International</i> , 2018, 2018, 1-12.	2.5	6
63	Molecular profiling of ALDH1+ colorectal cancer stem cells reveals preferential activation of MAPK, FAK, and oxidative stress pro-survival signalling pathways. <i>Oncotarget</i> , 2018, 9, 13551-13564.	1.8	42
64	Simple additive manufacturing of an osteoconductive ceramic using suspension melt extrusion. <i>Dental Materials</i> , 2017, 33, 198-208.	3.5	30
65	Impact of Calcium and Two Doses of Vitamin D on Bone Metabolism in the Elderly: A Randomized Controlled Trial. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1486-1495.	2.8	31
66	Legumain Regulates Differentiation Fate of Human Bone Marrow Stromal Cells and Is Altered in Postmenopausal Osteoporosis. <i>Stem Cell Reports</i> , 2017, 8, 373-386.	4.8	66
67	CHD1 regulates cell fate determination by activation of differentiation-induced genes. <i>Nucleic Acids Research</i> , 2017, 45, 7722-7735.	14.5	28
68	The Role of the Nuclear Envelope Protein MAN1 in Mesenchymal Stem Cell Differentiation. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 4425-4435.	2.6	3
69	MicroRNA-4739 regulates osteogenic and adipocytic differentiation of immortalized human bone marrow stromal cells via targeting LRP3. <i>Stem Cell Research</i> , 2017, 20, 94-104.	0.7	37
70	CRMP4 Inhibits Bone Formation by Negatively Regulating BMP and RhoA Signaling. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 913-926.	2.8	16
71	Chromosome copy number variation in telomerized human bone marrow stromal cells; insights for monitoring safe ex-vivo expansion of adult stem cells. <i>Stem Cell Research</i> , 2017, 25, 6-17.	0.7	5
72	SERPINB2 is a novel TGF β 2-responsive lineage fate determinant of human bone marrow stromal cells. <i>Scientific Reports</i> , 2017, 7, 10797.	3.3	20

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73	Circulating microRNAs in breast cancer: novel diagnostic and prognostic biomarkers. <i>Cell Death and Disease</i> , 2017, 8, e3045-e3045.	6.3	291
74	CUDC-907 Promotes Bone Marrow Adipocytic Differentiation Through Inhibition of Histone Deacetylase and Regulation of Cell Cycle. <i>Stem Cells and Development</i> , 2017, 26, 353-362.	2.1	24
75	Combined MSC and GLP-1 Therapy Modulates Collagen Remodeling and Apoptosis following Myocardial Infarction. <i>Stem Cells International</i> , 2016, 2016, 1-12.	2.5	13
76	Characterization of Cellular and Molecular Heterogeneity of Bone Marrow Stromal Cells. <i>Stem Cells International</i> , 2016, 2016, 1-18.	2.5	48
77	Dasatinib and Doxorubicin Treatment of Sarcoma Initiating Cells: A Possible New Treatment Strategy. <i>Stem Cells International</i> , 2016, 2016, 1-8.	2.5	12
78	The Bone Marrow-Derived Stromal Cells: Commitment and Regulation of Adipogenesis. <i>Frontiers in Endocrinology</i> , 2016, 7, 127.	3.5	98
79	Transcription factor ZNF25 is associated with osteoblast differentiation of human skeletal stem cells. <i>BMC Genomics</i> , 2016, 17, 872.	2.8	10
80	Evidence of two distinct functionally specialized fibroblast lineages in breast stroma. <i>Breast Cancer Research</i> , 2016, 18, 108.	5.0	42
81	Epigenetic Library Screen Identifies Abexinostat as Novel Regulator of Adipocytic and Osteoblastic Differentiation of Human Skeletal (Mesenchymal) Stem Cells. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1036-1047.	3.3	27
82	Transgelin is a TGF β ² -inducible gene that regulates osteoblastic and adipogenic differentiation of human skeletal stem cells through actin cytoskeleton organization. <i>Cell Death and Disease</i> , 2016, 7, e2321-e2321.	6.3	86
83	Bone Marrow Stromal Stem Cells for Bone Repair: Basic and Translational Aspects. <i>Pancreatic Islet Biology</i> , 2016, , 213-232.	0.3	4
84	Effect of vitamin D replacement on indexes of insulin resistance in overweight elderly individuals: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 315-323.	4.7	38
85	microRNA expression profiling on individual breast cancer patients identifies novel panel of circulating microRNA for early detection. <i>Scientific Reports</i> , 2016, 6, 25997.	3.3	132
86	Bone morphogenetic protein 2 (BMP2) induces growth suppression and enhances chemosensitivity of human colon cancer cells. <i>Cancer Cell International</i> , 2016, 16, 77.	4.1	38
87	CD146/MCAM defines functionality of human bone marrow stromal stem cell populations. <i>Stem Cell Research and Therapy</i> , 2016, 7, 4.	5.5	70
88	Neonatal High Bone Mass With First Mutation of the NF- κ B Complex: Heterozygous De Novo Missense (p.Asp512Ser) <i>RELA</i> (Rela/p65). <i>Journal of Bone and Mineral Research</i> , 2016, 31, 163-172.	2.8	21
89	Normal hematopoiesis and lack of β -catenin activation in osteoblasts of patients and mice harboring <i>Lrp5</i> gain-of-function mutations. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 490-498.	4.1	4
90	MDM2 Associates with Polycomb Repressor Complex 2 and Enhances Stemness-Promoting Chromatin Modifications Independent of p53. <i>Molecular Cell</i> , 2016, 61, 68-83.	9.7	82

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91	Aging and Bone. , 2016, , 23-42.		1
92	Egypt: Its Artists, Intellectuals, and Neglected Tropical Diseases. PLoS Neglected Tropical Diseases, 2016, 10, e0005072.	3.0	1
93	MicroRNA-320 suppresses colorectal cancer by targeting SOX4, FOXM1, and FOXQ1. Oncotarget, 2016, 7, 35789-35802.	1.8	75
94	Paolo Bianco (1955-2015). Stem Cell Research, 2015, 15, 742.	0.7	2
95	CDH1 and IL1-beta expression dictates FAK and MAPKK-dependent cross-talk between cancer cells and human mesenchymal stem cells. Stem Cell Research and Therapy, 2015, 6, 135.	5.5	27
96	Association between in vivo bone formation and ex vivo migratory capacity of human bone marrow stromal cells. Stem Cell Research and Therapy, 2015, 6, 196.	5.5	17
97	Inefficiency in macromolecular transport of <sc>SCS</sc>-based microcapsules affects viability of primary human mesenchymal stem cells but not of immortalized cells. Journal of Biomedical Materials Research - Part A, 2015, 103, 3676-3688.	4.0	3
98	The Effect of Protease Inhibitors on the Induction of Osteoarthritis-Related Biomarkers in Bovine Full-Depth Cartilage Explants. PLoS ONE, 2015, 10, e0122700.	2.5	10
99	DLK1 Regulates Whole-Body Glucose Metabolism: A Negative Feedback Regulation of the Osteocalcin-Insulin Loop. Diabetes, 2015, 64, 3069-3080.	0.6	41
100	Concise Review: Quiescence in Adult Stem Cells: Biological Significance and Relevance to Tissue Regeneration. Stem Cells, 2015, 33, 2903-2912.	3.2	129
101	Molecular characterisation of stromal populations derived from human embryonic stem cells: Similarities to immortalised bone marrow derived stromal stem cells. Bone Reports, 2015, 3, 32-39.	0.4	1
102	Genome-wide mRNA and miRNA expression profiling reveal multiple regulatory networks in colorectal cancer. Cell Death and Disease, 2015, 6, e1614-e1614.	6.3	86
103	Skeletal Stem Cells in Space and Time. Cell, 2015, 160, 17-19.	28.9	56
104	Telomere dysfunction reduces microglial numbers without fully inducing an aging phenotype. Neurobiology of Aging, 2015, 36, 2164-2175.	3.1	18
105	Pharmacological Inhibition of Protein Kinase G1 Enhances Bone Formation by Human Skeletal Stem Cells Through Activation of RhoA-Akt Signaling. Stem Cells, 2015, 33, 2219-2231.	3.2	17
106	Proteomic Validation of Transcript Isoforms, Including Those Assembled from RNA-Seq Data. Journal of Proteome Research, 2015, 14, 3541-3554.	3.7	13
107	CD34 defines an osteoprogenitor cell population in mouse bone marrow stromal cells. Stem Cell Research, 2015, 15, 449-458.	0.7	28
108	Inhibiting actin depolymerization enhances osteoblast differentiation and bone formation in human stromal stem cells. Stem Cell Research, 2015, 15, 281-289.	0.7	50

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109	Telomerase activity promotes osteoblast differentiation by modulating IGF-signaling pathway. <i>Biogerontology</i> , 2015, 16, 733-745.	3.9	28
110	microRNAs as Regulators of Adipogenic Differentiation of Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2015, 24, 417-425.	2.1	61
111	Skeletal (stromal) stem cells: An update on intracellular signaling pathways controlling osteoblast differentiation. <i>Bone</i> , 2015, 70, 28-36.	2.9	87
112	Primary mesenchymal stem cells in human transplanted lungs are CD90/CD105 perivascularly located tissue-resident cells. <i>BMJ Open Respiratory Research</i> , 2014, 1, e000027.	3.0	41
113	Low/Negative Expression of PDGFR- β Identifies the Candidate Primary Mesenchymal Stromal Cells in Adult Human Bone Marrow. <i>Stem Cell Reports</i> , 2014, 3, 965-974.	4.8	97
114	Surface-modified functionalized polycaprolactone scaffolds for bone repair: <i>In vitro</i> and <i>in vivo</i> experiments. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2993-3003.	4.0	56
115	An update of human mesenchymal stem cell biology and their clinical uses. <i>Archives of Toxicology</i> , 2014, 88, 1069-1082.	4.2	55
116	Tools to Covisualize and Coanalyze Proteomic Data with Genomes and Transcriptomes: Validation of Genes and Alternative mRNA Splicing. <i>Journal of Proteome Research</i> , 2014, 13, 84-98.	3.7	40
117	microRNA-320/RUNX2 axis regulates adipocytic differentiation of human mesenchymal (skeletal) stem cells. <i>Cell Death and Disease</i> , 2014, 5, e1499-e1499.	6.3	119
118	Concise Review: Bridging the Gap: Bone Regeneration Using Skeletal Stem Cell-Based Strategies”Where Are We Now?. <i>Stem Cells</i> , 2014, 32, 35-44.	3.2	109
119	miR-141-3p inhibits human stromal (mesenchymal) stem cell proliferation and differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2114-2121.	4.1	52
120	Identification of differentiation-stage specific markers that define the ex vivo osteoblastic phenotype. <i>Bone</i> , 2014, 67, 23-32.	2.9	62
121	MicroRNA-34a Inhibits Osteoblast Differentiation and In Vivo Bone Formation of Human Stromal Stem Cells. <i>Stem Cells</i> , 2014, 32, 902-912.	3.2	162
122	Intracoronary Injection of CD34+ Cells in Chronic Ischemic Heart Failure: 7 Years Follow-Up of the DanCell Study. <i>Cardiology</i> , 2014, 129, 69-74.	1.4	5
123	Adult Stromal (Skeletal, Mesenchymal) Stem Cells: Advances Towards Clinical Applications. <i>Pancreatic Islet Biology</i> , 2014, , 359-373.	0.3	4
124	Human Stromal (Mesenchymal) Stem Cells from Bone Marrow, Adipose Tissue and Skin Exhibit Differences in Molecular Phenotype and Differentiation Potential. <i>Stem Cell Reviews and Reports</i> , 2013, 9, 32-43.	5.6	317
125	Whole-Genome Expression Analysis of Human Mesenchymal Stromal Cells Exposed to Ultrasoft Tantalum vs. Titanium Oxide Surfaces. <i>Cellular and Molecular Bioengineering</i> , 2013, 6, 199-209.	2.1	4
126	hMSC Production in Disposable Bioreactors with Regards to GMP and PAT. <i>Chemie-Ingenieur-Technik</i> , 2013, 85, 67-75.	0.8	44

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127	Spatially Controlled Delivery of siRNAs to Stem Cells in Implants Generated by Multi-Component Additive Manufacturing. <i>Advanced Functional Materials</i> , 2013, 23, 5599-5607.	14.9	19
128	Mesenchymal stem cells in oral reconstructive surgery: a systematic review of the literature. <i>Journal of Oral Rehabilitation</i> , 2013, 40, 693-706.	3.0	31
129	Pleiotropic effects of cancer cells' secreted factors on human stromal (mesenchymal) stem cells. <i>Stem Cell Research and Therapy</i> , 2013, 4, 114.	5.5	45
130	Sphingosine 1-Phosphate (S1P) Receptors 1 and 2 Coordinately Induce Mesenchymal Cell Migration through S1P Activation of Complementary Kinase Pathways*. <i>Journal of Biological Chemistry</i> , 2013, 288, 5398-5406.	3.4	71
131	Cell-based delivery of glucagon-like peptide-1 using encapsulated mesenchymal stem cells. <i>Journal of Microencapsulation</i> , 2013, 30, 315-324.	2.8	12
132	Dual role of delta-like 1 homolog (DLK1) in skeletal muscle development and adult muscle regeneration. <i>Development (Cambridge)</i> , 2013, 140, 3743-3753.	2.5	57
133	Separate Developmental Programs for HLA-A and -B Cell Surface Expression during Differentiation from Embryonic Stem Cells to Lymphocytes, Adipocytes and Osteoblasts. <i>PLoS ONE</i> , 2013, 8, e54366.	2.5	9
134	Tumourigenicity and radiation resistance of mesenchymal stem cells. <i>Acta Oncologica</i> , 2012, 51, 669-679.	1.8	10
135	Encapsulated Glucagon-Like Peptide-1-Producing Mesenchymal Stem Cells Have a Beneficial Effect on Failing Pig Hearts. <i>Stem Cells Translational Medicine</i> , 2012, 1, 759-769.	3.3	29
136	Serum Levels of Fetal Antigen 1 in Extreme Nutritional States. <i>Isrn Endocrinology</i> , 2012, 2012, 1-6.	2.0	2
137	Tumour microenvironment and radiation response in sarcomas originating from tumourigenic human mesenchymal stem cells. <i>International Journal of Radiation Biology</i> , 2012, 88, 457-465.	1.8	3
138	MECHANISMS IN ENDOCRINOLOGY: Micro-RNAs: targets for enhancing osteoblast differentiation and bone formation. <i>European Journal of Endocrinology</i> , 2012, 166, 359-371.	3.7	125
139	Temporal Profiling and Pulsed SILAC Labeling Identify Novel Secreted Proteins During Ex Vivo Osteoblast Differentiation of Human Stromal Stem Cells. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 989-1007.	3.8	75
140	The Histone H2B Monoubiquitination Regulatory Pathway Is Required for Differentiation of Multipotent Stem Cells. <i>Molecular Cell</i> , 2012, 46, 705-713.	9.7	115
141	New factors controlling the balance between osteoblastogenesis and adipogenesis. <i>Bone</i> , 2012, 50, 540-545.	2.9	105
142	Identification of Abnormal Stem Cells Using Raman Spectroscopy. <i>Stem Cells and Development</i> , 2012, 21, 2152-2159.	2.1	29
143	Sarcomas as a mise en abyme of mesenchymal stem cells: Exploiting interrelationships for cell mediated anticancer therapy. <i>Cancer Letters</i> , 2012, 325, 1-10.	7.2	7
144	Procedures for Derivation and Characterisation of Human Embryonic Stem Cells from Odense, Denmark. <i>Methods in Molecular Biology</i> , 2012, 873, 33-51.	0.9	0

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145	Stable Isotope Labelling with Amino Acids in Cell Culture for Human Embryonic Stem Cell Proteomic Analysis. <i>Methods in Molecular Biology</i> , 2012, 873, 297-305.	0.9	4
146	Microcarrier-based Expansion Process for hMSCs with High Vitality and Undifferentiated Characteristics. <i>International Journal of Artificial Organs</i> , 2012, 35, 93-107.	1.4	44
147	Fabrication and characterization of a rapid prototyped tissue engineering scaffold with embedded multicomponent matrix for controlled drug release. <i>International Journal of Nanomedicine</i> , 2012, 7, 4285.	6.7	56
148	The Crosstalk Between Transforming Growth Factor- β 21 and Delta Like-1 Mediates Early Chondrogenesis During Embryonic Endochondral Ossification. <i>Stem Cells</i> , 2012, 30, 304-313.	3.2	16
149	Derivation of Stromal (Skeletal and Mesenchymal) Stem-Like Cells from Human Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2012, 21, 3114-3124.	2.1	18
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