

Moustapha Kassem

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

327
papers

19,547
citations

75
h-index

128
g-index

338
ext. papers

21,347
ext. citations

6
avg, IF

6.74
L-index

#	Paper	IF	Citations
327	Protein Expression of AEBP1, MCM4, and FABP4 Differentiate Osteogenic, Adipogenic, and Mesenchymal Stromal Stem Cells.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
326	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	8.3	0
325	The Relationship Between Bone and Reproductive Hormones Beyond Estrogens and Androgens. <i>Endocrine Reviews</i> , 2021 , 42, 691-719	27.2	5
324	The Antiresorptive Effect of GIP, But Not GLP-2, Is Preserved in Patients With Hypoparathyroidism-A Randomized Crossover Study. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 1448-1458	6.3	5
323	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	8.3	3
322	Thermogenic potentials of bone marrow adipocytes. <i>Bone</i> , 2021 , 143, 115658	4.7	1
321	Myeloma-Modified Adipocytes Exhibit Metabolic Dysfunction and a Senescence-Associated Secretory Phenotype. <i>Cancer Research</i> , 2021 , 81, 634-647	10.1	17
320	Bone From Blood: Characteristics and Clinical Implications of Circulating Osteogenic Progenitor (COP) Cells. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 12-23	6.3	5
319	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	5.5	2
318	JAK2 Inhibition by Fedratinib Reduces Osteoblast Differentiation and Mineralisation of Human Mesenchymal Stem Cells. <i>Molecules</i> , 2021 , 26,	4.8	3
317	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	6.5	3
316	Reply. <i>Gastroenterology</i> , 2021 , 161, 2068-2069	13.3	
315	Transgelin is a poor prognostic factor associated with advanced colorectal cancer (CRC) stage promoting tumor growth and migration in a TGF□dependent manner. <i>Cell Death and Disease</i> , 2020 , 11, 341	9.8	10
314	Delta-like 1 (DLK1) is a possible mediator of vitamin D effects on bone and energy metabolism. <i>Bone</i> , 2020 , 138, 115510	4.7	0
313	Identification of osteolineage cell-derived extracellular vesicle cargo implicated in hematopoietic support. <i>FASEB Journal</i> , 2020 , 34, 5435-5452	0.9	5
312	Resveratrol inhibits adipocyte differentiation and cellular senescence of human bone marrow stromal stem cells. <i>Bone</i> , 2020 , 133, 115252	4.7	15
311	Fibroblasts direct differentiation of human breast epithelial progenitors. <i>Breast Cancer Research</i> , 2020 , 22, 102	8.3	10

310	ARDD 2020: from aging mechanisms to interventions. <i>Aging</i> , 2020 , 12, 24484-24503	5.6	11
309	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	5.8	1
308	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	9.7	4
307	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	6.9	8
306	Tankyrase inhibitor XAV-939 enhances osteoblastogenesis and mineralization of human skeletal (mesenchymal) stem cells. <i>Scientific Reports</i> , 2020 , 10, 16746	4.9	5
305	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	4.4	3
304	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, 8857344	5	5
303	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/TGFβ pathway. <i>Cell Death Discovery</i> , 2020 , 6, 79	6.9	1
302	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, 3041262	5	8
301	Absence of an osteopetrosis phenotype in IKBKG (NEMO) mutation-positive women: A case-control study. <i>Bone</i> , 2019 , 121, 243-254	4.7	1
300	Neoplastic Transformation of Human Mesenchymal Stromal Cells Mediated via LIN28B. <i>Scientific Reports</i> , 2019 , 9, 8101	4.9	15
299	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	10.6	41
298	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	13.3	46
297	CXCR7 signaling promotes breast cancer survival in response to mesenchymal stromal stem cell-derived factors. <i>Cell Death Discovery</i> , 2019 , 5, 87	6.9	10
296	Convergence of TGFβ and BMP signaling in regulating human bone marrow stromal cell differentiation. <i>Scientific Reports</i> , 2019 , 9, 4977	4.9	7
295	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	36.3	89
294	Lansoprazole inhibits the cysteine protease legumain by binding to the active site. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 125, 89-99	3.1	4
293	Aging and lineage allocation changes of bone marrow skeletal (stromal) stem cells. <i>Bone</i> , 2019 , 123, 265-273	4.7	23

292	KIAA1199 is a secreted molecule that enhances osteoblastic stem cell migration and recruitment. <i>Cell Death and Disease</i> , 2019 , 10, 126	9.8	14
291	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	8.3	10
290	Transit amplifying cells coordinate mouse incisor mesenchymal stem cell activation. <i>Nature Communications</i> , 2019 , 10, 3596	17.4	21
289	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	1.6	2
288	Insulin Signaling in Bone Marrow Adipocytes. <i>Current Osteoporosis Reports</i> , 2019 , 17, 446-454	5.4	13
287	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, 3435901	5	11
286	Metabolic programming determines the lineage-differentiation fate of murine bone marrow stromal progenitor cells. <i>Bone Research</i> , 2019 , 7, 35	13.3	19
285	TAF2 Induces Skeletal (Stromal) Stem Cell Migration Through Activation of Rac1-p38 Signaling. <i>Stem Cells</i> , 2019 , 37, 407-416	5.8	13
284	Strontium functionalized scaffold for bone tissue engineering. <i>Materials Science and Engineering C</i> , 2019 , 94, 509-515	8.3	22
283	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	4.7	24
282	Antibody-based inhibition of circulating DLK1 protects from estrogen deficiency-induced bone loss in mice. <i>Bone</i> , 2018 , 110, 312-320	4.7	4
281	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	3.9	12
280	High-Fat Diet-Induced 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	6.3	87
279	Global MicroRNA Profiling in Human Bone Marrow Skeletal-Stromal or Mesenchymal-Stem Cells Identified Candidates for Bone Regeneration. <i>Molecular Therapy</i> , 2018 , 26, 593-605	11.7	25
278	Multiple intracellular signaling pathways orchestrate adipocytic differentiation of human bone marrow stromal stem cells. <i>Bioscience Reports</i> , 2018 , 38,	4.1	6
277	Actin depolymerization enhances adipogenic differentiation in human stromal stem cells. <i>Stem Cell Research</i> , 2018 , 29, 76-83	1.6	25
276	Effects of gastric inhibitory polypeptide, glucagon-like peptide-1 and glucagon-like peptide-1 receptor agonists on Bone Cell Metabolism. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018 , 122, 25-37	3.1	21
275	Bioactive nano-fibrous scaffold for vascularized craniofacial bone regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018 , 12, e1537-e1548	4.4	22

274	Romidepsin Promotes Osteogenic and Adipocytic Differentiation of Human Mesenchymal Stem Cells through Inhibition of Histone deacetylase Activity. <i>Stem Cells International</i> , 2018 , 2018, 2379546	5	3
273	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	3.3	30
272	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	8.3	10
271	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	3.5	7
270	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	1.2	7
269	Composites of fatty acids and ceramic powders are versatile biomaterials for personalized implants and controlled release of pharmaceuticals. <i>Bioprinting</i> , 2018 , 10, e00027	7	5
268	Induction of quiescence (G0) in bone marrow stromal stem cells enhances their stem cell characteristics. <i>Stem Cell Research</i> , 2018 , 30, 69-80	1.6	14
267	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, 4142031	5	9
266	TGF1-Induced Differentiation of Human Bone Marrow-Derived MSCs Is Mediated by Changes to the Actin Cytoskeleton. <i>Stem Cells International</i> , 2018 , 2018, 6913594	5	21
265	Simple additive manufacturing of an osteoconductive ceramic using suspension melt extrusion. <i>Dental Materials</i> , 2017 , 33, 198-208	5.7	23
264	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	6.3	26
263	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	8	40
262	CHD1 regulates cell fate determination by activation of differentiation-induced genes. <i>Nucleic Acids Research</i> , 2017 , 45, 7722-7735	20.1	19
261	The Role of the Nuclear Envelope Protein MAN1 in Mesenchymal Stem Cell Differentiation. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 4425-4435	4.7	2
260	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	1.6	23
259	CRMP4 Inhibits Bone Formation by Negatively Regulating BMP and RhoA Signaling. <i>Journal of Bone and Mineral Research</i> , 2017 , 32, 913-926	6.3	9
258	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	1.6	4
257	SERPINB2 is a novel TGFβ-responsive lineage fate determinant of human bone marrow stromal cells. <i>Scientific Reports</i> , 2017 , 7, 10797	4.9	13

256	Circulating microRNAs in breast cancer: novel diagnostic and prognostic biomarkers. <i>Cell Death and Disease</i> , 2017 , 8, e3045	9.8	196
255	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	4.4	21
254	Transgelin is a TGF β 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	9.8	47
253	Bone Marrow Stromal Stem Cells for Bone Repair: Basic and Translational Aspects. <i>Pancreatic Islet Biology</i> , 2016 , 213-232	0.4	4
252	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, 315-23	7	28
251	microRNA expression profiling on individual breast cancer patients identifies novel panel of circulating microRNA for early detection. <i>Scientific Reports</i> , 2016 , 6, 25997	4.9	81
250	Bone morphogenetic protein 2 (BMP2) induces growth suppression and enhances chemosensitivity of human colon cancer cells. <i>Cancer Cell International</i> , 2016 , 16, 77	6.4	27
249	CD146/MCAM defines functionality of human bone marrow stromal stem cell populations. <i>Stem Cell Research and Therapy</i> , 2016 , 7, 4	8.3	44
248	Neonatal High Bone Mass With First Mutation of the NF- κ B Complex: Heterozygous De Novo Missense (p.Asp512Ser) RELA (Rela/p65). <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 163-72	6.3	15
247	Normal hematopoiesis and lack of β catenin activation in osteoblasts of patients and mice harboring Lrp5 gain-of-function mutations. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016 , 1863, 490-498	4.9	4
246	MDM2 Associates with Polycomb Repressor Complex 2 and Enhances Stemness-Promoting Chromatin Modifications Independent of p53. <i>Molecular Cell</i> , 2016 , 61, 68-83	17.6	67
245	MicroRNA-320 suppresses colorectal cancer by targeting SOX4, FOXM1, and FOXQ1. <i>Oncotarget</i> , 2016 , 7, 35789-35802	3.3	62
244	Aging and Bone 2016 , 23-42		1
243	Combined MSC and GLP-1 Therapy Modulates Collagen Remodeling and Apoptosis following Myocardial Infarction. <i>Stem Cells International</i> , 2016 , 2016, 7357096	5	8
242	Characterization of Cellular and Molecular Heterogeneity of Bone Marrow Stromal Cells. <i>Stem Cells International</i> , 2016 , 2016, 9378081	5	37
241	Dasatinib and Doxorubicin Treatment of Sarcoma Initiating Cells: A Possible New Treatment Strategy. <i>Stem Cells International</i> , 2016 , 2016, 9601493	5	11
240	The Bone Marrow-Derived Stromal Cells: Commitment and Regulation of Adipogenesis. <i>Frontiers in Endocrinology</i> , 2016 , 7, 127	5.7	68
239	Transcription factor ZNF25 is associated with osteoblast differentiation of human skeletal stem cells. <i>BMC Genomics</i> , 2016 , 17, 872	4.5	6

238	Evidence of two distinct functionally specialized fibroblast lineages in breast stroma. <i>Breast Cancer Research</i> , 2016 , 18, 108	8.3	32
237	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, 1036-47	6.9	21
236	Telomere dysfunction reduces microglial numbers without fully inducing an aging phenotype. <i>Neurobiology of Aging</i> , 2015 , 36, 2164-75	5.6	14
235	Pharmacological Inhibition of Protein Kinase G1 Enhances Bone Formation by Human Skeletal Stem Cells Through Activation of RhoA-Akt Signaling. <i>Stem Cells</i> , 2015 , 33, 2219-31	5.8	14
234	Proteomic Validation of Transcript Isoforms, Including Those Assembled from RNA-Seq Data. <i>Journal of Proteome Research</i> , 2015 , 14, 3541-54	5.6	10
233	Human Stromal Stem Cell Therapy Using Gene-Modified Cells 2015 , 105-121		
232	CD34 defines an osteoprogenitor cell population in mouse bone marrow stromal cells. <i>Stem Cell Research</i> , 2015 , 15, 449-458	1.6	21
231	Inhibiting actin depolymerization enhances osteoblast differentiation and bone formation in human stromal stem cells. <i>Stem Cell Research</i> , 2015 , 15, 281-9	1.6	37
230	Telomerase activity promotes osteoblast differentiation by modulating IGF-signaling pathway. <i>Biogerontology</i> , 2015 , 16, 733-45	4.5	18
229	microRNAs as regulators of adipogenic differentiation of mesenchymal stem cells. <i>Stem Cells and Development</i> , 2015 , 24, 417-25	4.4	54
228	Skeletal (stromal) stem cells: an update on intracellular signaling pathways controlling osteoblast differentiation. <i>Bone</i> , 2015 , 70, 28-36	4.7	77
227	Paolo Bianco (1955-2015). <i>Stem Cell Research</i> , 2015 , 15, 742	1.6	1
226	CDH1 and IL1-beta expression dictates FAK and MAPKK-dependent cross-talk between cancer cells and human mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 135	8.3	23
225	Association between in vivo bone formation and ex vivo migratory capacity of human bone marrow stromal cells. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 196	8.3	15
224	Inefficiency in macromolecular transport of SCS-based microcapsules affects viability of primary human mesenchymal stem cells but not of immortalized cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 3676-88	5.4	3
223	The effect of protease inhibitors on the induction of osteoarthritis-related biomarkers in bovine full-depth cartilage explants. <i>PLoS ONE</i> , 2015 , 10, e0122700	3.7	7
222	DLK1 Regulates Whole-Body Glucose Metabolism: A Negative Feedback Regulation of the Osteocalcin-Insulin Loop. <i>Diabetes</i> , 2015 , 64, 3069-80	0.9	32
221	Concise Review: Quiescence in Adult Stem Cells: Biological Significance and Relevance to Tissue Regeneration. <i>Stem Cells</i> , 2015 , 33, 2903-12	5.8	98

220	Molecular characterisation of stromal populations derived from human embryonic stem cells: Similarities to immortalised bone marrow derived stromal stem cells. <i>Bone Reports</i> , 2015 , 3, 32-39	2.6	1
219	Genome-wide mRNA and miRNA expression profiling reveal multiple regulatory networks in colorectal cancer. <i>Cell Death and Disease</i> , 2015 , 6, e1614	9.8	72
218	Skeletal stem cells in space and time. <i>Cell</i> , 2015 , 160, 17-9	56.2	49
217	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	5.6	35
216	microRNA-320/RUNX2 axis regulates adipocytic differentiation of human mesenchymal (skeletal) stem cells. <i>Cell Death and Disease</i> , 2014 , 5, e1499	9.8	97
215	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	5.8	93
214	miR-141-3p inhibits human stromal (mesenchymal) stem cell proliferation and differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 2114-21	4.9	48
213	Identification of differentiation-stage specific markers that define the ex vivo osteoblastic phenotype. <i>Bone</i> , 2014 , 67, 23-32	4.7	49
212	MicroRNA-34a inhibits osteoblast differentiation and in vivo bone formation of human stromal stem cells. <i>Stem Cells</i> , 2014 , 32, 902-12	5.8	136
211	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	1.6	4
210	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	5.6	31
209	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, 965-74	8	84
208	Surface-modified functionalized polycaprolactone scaffolds for bone repair: in vitro and in vivo experiments. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 2993-3003	5.4	45
207	An update of human mesenchymal stem cell biology and their clinical uses. <i>Archives of Toxicology</i> , 2014 , 88, 1069-82	5.8	50
206	Adult Stromal (Skeletal, Mesenchymal) Stem Cells: Advances Towards Clinical Applications. <i>Pancreatic Islet Biology</i> , 2014 , 359-373	0.4	4
205	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	6.4	272
204	Whole-Genome Expression Analysis of Human Mesenchymal Stromal Cells Exposed to Ultrasmooth Tantalum vs. Titanium Oxide Surfaces. <i>Cellular and Molecular Bioengineering</i> , 2013 , 6, 199-209	3.9	4
203	Circulating Osteogenic Cells 2013 , 111-118		

202	hMSC Production in Disposable Bioreactors with Regards to GMP and PAT. <i>Chemie-Ingenieur-Technik</i> , 2013 , 85, 67-75	0.8	40
201	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	15.6	17
200	Mesenchymal stem cells in oral reconstructive surgery: a systematic review of the literature. <i>Journal of Oral Rehabilitation</i> , 2013 , 40, 693-706	3.4	19
199	Pleiotropic effects of cancer cells secreted factors on human stromal (mesenchymal) stem cells. <i>Stem Cell Research and Therapy</i> , 2013 , 4, 114	8.3	36
198	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, 5398-406	5.4	58
197	Cell-based delivery of glucagon-like peptide-1 using encapsulated mesenchymal stem cells. <i>Journal of Microencapsulation</i> , 2013 , 30, 315-24	3.4	12
196	Dual role of delta-like 1 homolog (DLK1) in skeletal muscle development and adult muscle regeneration. <i>Development (Cambridge)</i> , 2013 , 140, 3743-53	6.6	47
195	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	3.7	4
194	Glucose metabolite glyoxal induces senescence in telomerase-immortalized human mesenchymal stem cells. <i>Chemistry Central Journal</i> , 2012 , 6, 18		28
193	Tumour microenvironment and radiation response in sarcomas originating from tumourigenic human mesenchymal stem cells. <i>International Journal of Radiation Biology</i> , 2012 , 88, 457-65	2.9	3
192	Mechanisms in endocrinology: micro-RNAs: targets for enhancing osteoblast differentiation and bone formation. <i>European Journal of Endocrinology</i> , 2012 , 166, 359-71	6.5	111
191	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	7.6	64
190	The histone H2B monoubiquitination regulatory pathway is required for differentiation of multipotent stem cells. <i>Molecular Cell</i> , 2012 , 46, 705-13	17.6	95
189	New factors controlling the balance between osteoblastogenesis and adipogenesis. <i>Bone</i> , 2012 , 50, 540-57	4.7	94
188	Identification of abnormal stem cells using Raman spectroscopy. <i>Stem Cells and Development</i> , 2012 , 21, 2152-9	4.4	21
187	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	9.9	6
186	Procedures for derivation and characterisation of human embryonic stem cells from Odense, Denmark. <i>Methods in Molecular Biology</i> , 2012 , 873, 33-51	1.4	
185	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	1.4	3

184	Mesenchymal Stem Cells: Application for Immunomodulation and Tissue Repair 2012 , 332-357		
183	Microcarrier-based expansion process for hMSCs with high vitality and undifferentiated characteristics. <i>International Journal of Artificial Organs</i> , 2012 , 35, 93-107	1.9	35
182	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, 4285-4297	5.7	45
181	The crosstalk between transforming growth factor- β and delta like-1 mediates early chondrogenesis during embryonic endochondral ossification. <i>Stem Cells</i> , 2012 , 30, 304-13	5.8	14
180	Derivation of stromal (skeletal and mesenchymal) stem-like cells from human embryonic stem cells. <i>Stem Cells and Development</i> , 2012 , 21, 3114-24	4.4	16
179	Mouse embryonic fibroblasts (MEF) exhibit a similar but not identical phenotype to bone marrow stromal stem cells (BMSC). <i>Stem Cell Reviews and Reports</i> , 2012 , 8, 318-28	6.4	44
178	Tumourigenicity and radiation resistance of mesenchymal stem cells. <i>Acta Oncologica</i> , 2012 , 51, 669-79	3.2	10
177	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, 759-69	6.9	26
176	Serum levels of fetal antigen 1 in extreme nutritional States. <i>Isrn Endocrinology</i> , 2012 , 2012, 592648		2
175	Human stromal (mesenchymal) stem cells: basic biology and current clinical use for tissue regeneration. <i>Annals of Saudi Medicine</i> , 2012 , 32, 68-77	1.6	44
174	Candidate Human Primary Mesenchymal Stem/Progenitor Cells Are Highly Enriched in Lin ^{neg} /CD45 ^{neg} /CD271 ^{pos} /PDGFR β ^{neg} Bone Marrow Cells. <i>Blood</i> , 2012 , 120, 3460-3460	2.2	
173	Osteoblasts in osteoporosis: past, emerging, and future anabolic targets. <i>European Journal of Endocrinology</i> , 2011 , 165, 1-10	6.5	154
172	System-wide temporal characterization of the proteome and phosphoproteome of human embryonic stem cell differentiation. <i>Science Signaling</i> , 2011 , 4, rs3	8.8	347
171	The best bone marrow stromal cell for therapy is α 2(I)collagen. <i>Cytotherapy</i> , 2011 , 13, 644-6	4.8	
170	Selective isolation and differentiation of a stromal population of human embryonic stem cells with osteogenic potential. <i>Bone</i> , 2011 , 48, 231-41	4.7	47
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10	Age- and sex-related changes in iliac cortical bone mass and remodeling. <i>Bone</i> , 1993 , 14, 681-91	4.7	170
9	Ultrastructural investigations of bone resorptive cells in two types of autosomal dominant osteopetrosis. <i>Bone</i> , 1993 , 14, 865-9	4.7	66
8	The von Kossa reaction for calcium deposits: silver lactate staining increases sensitivity and reduces background. <i>The Histochemical Journal</i> , 1993 , 25, 446-51		68
7	Growth hormone stimulates proliferation and differentiation of normal human osteoblast-like cells in vitro. <i>Calcified Tissue International</i> , 1993 , 52, 222-6	3.9	186
6	Inhibition of the morning cortisol peak abolishes the expected morning decrease in serum osteocalcin in normal males: evidence of a controlling effect of serum cortisol on the circadian rhythm in serum osteocalcin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992 , 74, 1410-4	5.6	29
5	Fetal antigen 2 (FA2) in human fetal osteoblasts, cultured osteoblasts and osteogenic osteosarcoma cells. <i>Anatomy and Embryology</i> , 1992 , 186, 271-4		9

4	Ultrastructure of human osteoblasts and associated matrix in culture. <i>Apmis</i> , 1992 , 100, 490-7	3.4	14
3	Inhibition of the morning cortisol peak abolishes the expected morning decrease in serum osteocalcin in normal males: evidence of a controlling effect of serum cortisol on the circadian rhythm in serum osteocalcin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992 , 74, 1410-1414	5.6	23
2	Antacid-induced osteomalacia: a case report with a histomorphometric analysis. <i>Journal of Internal Medicine</i> , 1991 , 229, 275-9	10.8	20
1	Diurnal rhythm in serum osteocalcin: relation with sleep, growth hormone, and PTH(1-84). <i>Calcified Tissue International</i> , 1991 , 49, 373-7	3.9	33