Massimo Dominici

List of Publications by Year in Descending Order

177 papers	22,924 citations	42 h-index	151 g-index
190 ext. papers	27,483 ext. citations	4.3 avg, IF	6.23 L-index

#	Paper	IF	Citations
177	The Influence of Cancer Stem Cells on the Risk of Relapse in Adenocarcinoma and Squamous Cell Carcinoma of the Lung: A Prospective Cohort Study.. *Stem Cells Translational Medicine*, **2022**, 11, 239-247	6.9	3
176	Delayed Effect of Dendritic Cells Vaccination on Survival in Glioblastoma: A Systematic Review and Meta-Analysis.. *Current Oncology*, **2022**, 29, 881-891	2.8	1
175	Dissecting Tumor Growth: The Role of Cancer Stem Cells in Drug Resistance and Recurrence.. *Cancers*, **2022**, 14,	6.6	9
174	A Roadmap for the Production of a GMP-Compatible Cell Bank of Allogeneic Bone Marrow-Derived Clonal Mesenchymal Stromal Cells for Cell Therapy Applications.. *Stem Cell Reviews and Reports*, **2022**, 1	7.3	0
173	Development and Multicentre Validation of the Modena Score to Predict Survival in Advanced Biliary Cancers Undergoing Second-Line Chemotherapy.. *Cancer Management and Research*, **2022**, 14, 983-993	3.6	
172	Cancer Stem Cells (CSCs), Circulating Tumor Cells (CTCs) and Their Interplay with Cancer Associated Fibroblasts (CAFs): A New World of Targets and Treatments. *Cancers*, **2022**, 14, 2408	6.6	0
171	Targeting Cancer Stem Cells: New Perspectives for a Cure to Cancer **2022**, 1-29		
170	A 3D Platform to Investigate Dynamic Cell-to-Cell Interactions Between Tumor Cells and Mesenchymal Progenitors.. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 767253	5.7	
169	TRAIL receptors are expressed in both malignant and stromal cells in pancreatic ductal adenocarcinoma. *American Journal of Cancer Research*, **2021**, 11, 4500-4514	4.4	
168	The Release of Inflammatory Mediators from Acid-Stimulated Mesenchymal Stromal Cells Favours Tumour Invasiveness and Metastasis in Osteosarcoma. *Cancers*, **2021**, 13,	6.6	3
167	Deepening the Knowledge of Rearrangements in Non-Small Cell Lung Cancer: Diagnosis, Treatment, Resistance and Concomitant Alterations. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
166	Long survival of a young patient with Xp11.2 translocation metastatic clear cell renal carcinoma: case report. *Tumori*, **2021**, 107, NP131-NP135	1.7	1
165	GD2 CAR T cells against human glioblastoma. *Npj Precision Oncology*, **2021**, 5, 93	9.8	4
164	The Evolving Role of FGFR2 Inhibitors in Intrahepatic Cholangiocarcinoma: From Molecular Biology to Clinical Targeting. *Cancer Management and Research*, **2021**, 13, 7747-7757	3.6	1
163	Anti-GD2 CAR MSCs against metastatic Ewing's sarcoma. *Translational Oncology*, **2021**, 15, 101240	4.9	2
162	Circulating mucosal-associated invariant T cells identify patients responding to anti-PD-1 therapy. *Nature Communications*, **2021**, 12, 1669	17.4	13
161	New Perspectives in Different Gene Expression Profiles for Early and Locally Advanced Non-Small Cell Lung Cancer Stem Cells. *Frontiers in Oncology*, **2021**, 11, 613198	5.3	5

160	Critical considerations for the development of potency tests for therapeutic applications of mesenchymal stromal cell-derived small extracellular vesicles. *Cytotherapy*, **2021**, 23, 373-380	4.8	41
159	The harmonization of World Health Organization International Nonproprietary Names definitions for cell and cell-based gene therapy substances: when a name is not enough. *Cytotherapy*, **2021**, 23, 357-366	4.8	2
158	Assessing Biocompatibility of Face Mask Materials during COVID-19 Pandemic by a Rapid Multi-Assays Strategy. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	2
157	Splenic macrophage phagocytosis of intravenously infused mesenchymal stromal cells attenuates tumor localization. *Cytotherapy*, **2021**, 23, 411-422	4.8	2
156	Impact of body composition, nutritional and inflammatory status on outcome of non-small cell lung cancer patients treated with immunotherapy. *Clinical Nutrition ESPEN*, **2021**, 43, 64-75	1.3	6
155	Dissecting the Role of Mesenchymal Stem Cells in Idiopathic Pulmonary Fibrosis: Cause or Solution. *Frontiers in Pharmacology*, **2021**, 12, 692551	5.6	6
154	Persistency of Mesenchymal Stromal/Stem Cells in Lungs. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 709225	5.7	4
153	Developing cell therapies as drug products. *British Journal of Pharmacology*, **2021**, 178, 262-279	8.6	3
152	Invited Response on: Comments on "Autologous Fat Grafting for the Oral and Digital Complications of Systemic Sclerosis: Results of a Prospective Study". *Aesthetic Plastic Surgery*, **2021**, 45, 1344-1345	2	0
151	Second-line chemotherapy (2L) in elderly patients with advanced biliary tract cancer (ABC): A multicenter real-world study.. *Journal of Clinical Oncology*, **2021**, 39, 322-322	2.2	1
150	The immune checkpoint CD73 (NT5E) in gastric adenocarcinoma (GAC): Biological characterization and clinical implications.. *Journal of Clinical Oncology*, **2021**, 39, 235-235	2.2	1
149	Osteonecrosis of the Femoral Head Safely Healed with Autologous, Expanded, Bone Marrow-Derived Mesenchymal Stromal Cells in a Multicentric Trial with Minimum 5 Years Follow-Up. *Journal of Clinical Medicine*, **2021**, 10,	5.1	6
148	Cancer stem cells and macrophages: molecular connections and future perspectives against cancer. *Oncotarget*, **2021**, 12, 230-250	3.3	7
147	Microfragmented adipose tissue is associated with improved ex vivo performance linked to HOXB7 and b-FGF expression. *Stem Cell Research and Therapy*, **2021**, 12, 481	8.3	1
146	A Novel Three-Dimensional Culture Device Favors a Myelinating Morphology of Neural Stem Cell-Derived Oligodendrocytes. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 759982	5.7	0
145	Mesenchymal stem cell immunomodulation: In pursuit of controlling COVID-19 related cytokine storm. *Stem Cells*, **2021**, 39, 707-722	5.8	15
144	International Society for Extracellular Vesicles and International Society for Cell and Gene Therapy statement on extracellular vesicles from mesenchymal stromal cells and other cells: considerations for potential therapeutic agents to suppress coronavirus disease-19. *Cytotherapy*, **2020**, 22, 482-485	4.8	59
143	Adipose mesenchymal stromal/stem cells expanded by a GMP compatible protocol displayed improved adhesion on cancer cells in flow conditions. *Annals of Translational Medicine*, **2020**, 8, 533	3.2	3

142	Cancer Stem-Like Cells in a Case of an Inflammatory Myofibroblastic Tumor of the Lung. *Frontiers in Oncology*, **2020**, 10, 673	5.3	5
141	Mesenchymal stromal cells and their secreted extracellular vesicles as therapeutic tools for COVID-19 pneumonia?. *Journal of Controlled Release*, **2020**, 325, 135-140	11.7	19
140	Early efficacy evaluation of mesenchymal stromal cells (MSC) combined to biomaterials to treat long bone non-unions. *Injury*, **2020**, 51 Suppl 1, S63-S73	2.5	11
139	A new bioactive glass with extremely high crystallization temperature and outstanding biological performance. *Materials Science and Engineering C*, **2020**, 110, 110699	8.3	11
138	On the in Vitro Biocompatibility Testing of Bioactive Glasses. *Materials*, **2020**, 13,	3.5	8
137	Biliary tract cancer (BTC) in the elderly: A real-world tertiary cancer center experience.. *Journal of Clinical Oncology*, **2020**, 38, 492-492	2.2	1
136	Overall survival in patients with lung adenocarcinoma harboring "niche" mutations: an observational study. *Oncotarget*, **2020**, 11, 550-559	3.3	1
135	CD44+/EPCAM+ cells detect a subpopulation of ALDH cells in human non-small cell lung cancer: A chance for targeting cancer stem cells?. *Oncotarget*, **2020**, 11, 1545-1555	3.3	11
134	Arming Mesenchymal Stromal/Stem Cells Against Cancer: Has the Time Come?. *Frontiers in Pharmacology*, **2020**, 11, 529921	5.6	10
133	Modulating endothelial adhesion and migration impacts stem cell therapies efficacy. *EBioMedicine*, **2020**, 60, 102987	8.8	7
132	Autologous Fat Grafting for the Oral and Digital Complications of Systemic Sclerosis: Results of a Prospective Study. *Aesthetic Plastic Surgery*, **2020**, 44, 1820-1832	2	11
131	Emerging Neuroblastoma 3D Models for Pre-Clinical Assessments. *Frontiers in Immunology*, **2020**, 11, 584214	8.4	7
130	ALDH Expression in Angiosarcoma of the Lung: A Potential Marker of Aggressiveness?. *Frontiers in Medicine*, **2020**, 7, 544158	4.9	2
129	Integrated intErventional bronchoscopy in the treatment of locally adVanced non-small lung cancER with central Malignant airway Obstructions: a multicentric REtrospective study (EVERMORE). *Lung Cancer*, **2020**, 148, 40-47	5.9	2
128	Genetic Engineering as a Strategy to Improve the Therapeutic Efficacy of Mesenchymal Stem/Stromal Cells in Regenerative Medicine. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 737	5.7	16
127	Expression of ALDH and SOX-2 in Pulmonary Sclerosing Pnemocytoma (PSP) of the Lung: Is There a Meaning Behind?. *Frontiers in Medicine*, **2020**, 7, 497	4.9	2
126	Two Decades of Global Progress in Authorized Advanced Therapy Medicinal Products: An Emerging Revolution in Therapeutic Strategies. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 547653	5.7	16
125	Targeting GD2-positive glioblastoma by chimeric antigen receptor empowered mesenchymal progenitors. *Cancer Gene Therapy*, **2020**, 27, 558-570	5.4	38

124	Dissecting the Pharmacodynamics and Pharmacokinetics of MSCs to Overcome Limitations in Their Clinical Translation. *Molecular Therapy - Methods and Clinical Development*, **2019**, 14, 1-15	6.4	22
123	A Novel 3D In Vitro Platform for Pre-Clinical Investigations in Drug Testing, Gene Therapy, and Immuno-oncology. *Scientific Reports*, **2019**, 9, 7154	4.9	34
122	Defining mesenchymal stromal cell (MSC)-derived small extracellular vesicles for therapeutic applications. *Journal of Extracellular Vesicles*, **2019**, 8, 1609206	16.4	227
121	Impact of HOXB7 overexpression on human adipose-derived mesenchymal progenitors. *Stem Cell Research and Therapy*, **2019**, 10, 101	8.3	11
120	Soluble TRAIL Armed Human MSC As Gene Therapy For Pancreatic Cancer. *Scientific Reports*, **2019**, 9, 1788	4.9	36
119	Inducible Caspase9-mediated suicide gene for MSC-based cancer gene therapy. *Cancer Gene Therapy*, **2019**, 26, 11-16	5.4	28
118	Challenges in Clinical Development of Mesenchymal Stromal/Stem Cells: Concise Review. *Stem Cells Translational Medicine*, **2019**, 8, 1135-1148	6.9	85
117	Human Mesenchymal Stem Cell Combined with a New Strontium-Enriched Bioactive Glass: An Model for Bone Regeneration. *Materials*, **2019**, 12,	3.5	16
116	Acid microenvironment promotes cell survival of human bone sarcoma through the activation of cIAP proteins and NF-B pathway. *American Journal of Cancer Research*, **2019**, 9, 1127-1144	4.4	10
115	Correlating tumor-infiltrating lymphocytes and lung cancer stem cells: a cross-sectional study. *Annals of Translational Medicine*, **2019**, 7, 619	3.2	12
114	Cancer stem-neuroendocrine cells in an atypical carcinoid case report. *Translational Lung Cancer Research*, **2019**, 8, 1157-1162	4.4	6
113	Isolation and Identification of Cancer Stem-Like Cells in Adenocarcinoma and Squamous Cell Carcinoma of the Lung: A Pilot Study. *Frontiers in Oncology*, **2019**, 9, 1394	5.3	23
112	MSC-Delivered Soluble TRAIL and Paclitaxel as Novel Combinatory Treatment for Pancreatic Adenocarcinoma. *Theranostics*, **2019**, 9, 436-448	12.1	25
111	Feasibility and safety of treating non-unions in tibia, femur and humerus with autologous, expanded, bone marrow-derived mesenchymal stromal cells associated with biphasic calcium phosphate biomaterials in a multicentric, non-comparative trial. *Biomaterials*, **2019**, 196, 100-108	15.6	56
110	Intratumoral Delivery of Interferon-Secreting Mesenchymal Stromal Cells Repolarizes Tumor-Associated Macrophages and Suppresses Neuroblastoma Proliferation In Vivo. *Stem Cells*, **2018**, 36, 915-924	5.8	35
109	Mineralization by mesenchymal stromal cells is variously modulated depending on commercial platelet lysate preparations. *Cytotherapy*, **2018**, 20, 335-342	4.8	11
108	Extracellular vesicles released from mesenchymal stromal cells stimulate bone growth in osteogenesis imperfecta. *Cytotherapy*, **2018**, 20, 62-73	4.8	37
107	Dynamic Cultivation of Mesenchymal Stem Cell Aggregates. *Bioengineering*, **2018**, 5,	5.3	34

106	Extracellular vesicles derived from mesenchymal cells: perspective treatment for cutaneous wound healing in pediatrics. *Regenerative Medicine*, **2018**, 13, 385-394	2.5	25
105	Human Herpes simplex 1 virus infection of endometrial decidual tissue-derived MSC alters HLA-G expression and immunosuppressive functions. *Human Immunology*, **2018**, 79, 800-808	2.3	6
104	In vitro and in vivo discrepancy in inducing apoptosis by mesenchymal stromal cells delivering membrane-bound tumor necrosis factor-related apoptosis inducing ligand in osteosarcoma pre-clinical models. *Cytotherapy*, **2018**, 20, 1037-1045	4.8	7
103	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. *Journal of Extracellular Vesicles*, **2018**, 7, 1535750	16.4	3642
102	Cell, tissue and gene products with marketing authorization in 2018 worldwide. *Cytotherapy*, **2018**, 20, 1401-1413	4.8	59
101	Nivolumab-Induced Impressive Response of Refractory Pulmonary Sarcomatoid Carcinoma with Brain Metastasis. *Case Reports in Oncology*, **2018**, 11, 615-621	1	19
100	Blocking Tumor-Educated MSC Paracrine Activity Halts Osteosarcoma Progression. *Clinical Cancer Research*, **2017**, 23, 3721-3733	12.9	108
99	Concise Review: An (Im)Penetrable Shield: How the Tumor Microenvironment Protects Cancer Stem Cells. *Stem Cells*, **2017**, 35, 1123-1130	5.8	28
98	Safety Profile of Good Manufacturing Practice Manufactured Interferon Primed Mesenchymal Stem/Stromal Cells for Clinical Trials. *Stem Cells Translational Medicine*, **2017**, 6, 1868-1879	6.9	39
97	Hematopoietic derived cells do not contribute to osteogenesis as osteoblasts. *Bone*, **2017**, 94, 1-9	4.7	13
96	Identification of a murine CD45F4/80 HSC-derived marrow endosteal cell associated with donor stem cell engraftment. *Blood Advances*, **2017**, 1, 2667-2678	7.8	1
95	An Alternative Approach to Investigate Biofilm in Medical Devices: A Feasibility Study. *International Journal of Environmental Research and Public Health*, **2017**, 14,	4.6	5
94	Therapeutic potential of the metabolic modulator phenformin in targeting the stem cell compartment in melanoma. *Oncotarget*, **2017**, 8, 6914-6928	3.3	30
93	GD2 expression in breast cancer. *Oncotarget*, **2017**, 8, 31592-31600	3.3	25
92	TRAIL delivered by mesenchymal stromal/stem cells counteracts tumor development in orthotopic Ewing sarcoma models. *International Journal of Cancer*, **2016**, 139, 2802-2811	7.5	23
91	The Survey on Cellular and Engineered Tissue Therapies in Europe in 2013. *Tissue Engineering - Part A*, **2016**, 22, 5-16	3.9	10
90	Part 5: Unproven cell therapies and the commercialization of cell-based products. *Cytotherapy*, **2016**, 18, 138-42	4.8	9
89	Part 1: Defining unproven cellular therapies. *Cytotherapy*, **2016**, 18, 117-9	4.8	26

88	International Society for Cellular Therapy perspective on immune functional assays for mesenchymal stromal cells as potency release criterion for advanced phase clinical trials. *Cytotherapy*, **2016**, 18, 151-9	4.8	278
87	Potency Biomarker Signature Genes from Multiparametric Osteogenesis Assays: Will cGMP Human Bone Marrow Mesenchymal Stromal Cells Make Bone?. *PLoS ONE*, **2016**, 11, e0163629	3.7	18
86	Resistance to neoplastic transformation of ex-vivo expanded human mesenchymal stromal cells after exposure to supramaximal physical and chemical stress. *Oncotarget*, **2016**, 7, 77416-77429	3.3	11
85	Tumor Stroma Manipulation By MSC. *Current Drug Targets*, **2016**, 17, 1111-26	3	8
84	Science, ethics and communication remain essential for the success of cell-based therapies. *Brain Circulation*, **2016**, 2, 146-151	2.7	5
83	Altered pH gradient at the plasma membrane of osteosarcoma cells is a key mechanism of drug resistance. *Oncotarget*, **2016**, 7, 63408-63423	3.3	67
82	Microglia are less pro-inflammatory than myeloid infiltrates in the hippocampus of mice exposed to status epilepticus. *Glia*, **2016**, 64, 1350-62	9	41
81	Cell therapies for pancreatic beta-cell replenishment. *Italian Journal of Pediatrics*, **2016**, 42, 62	3.2	12
80	Part 2: Making the "unproven" "proven". *Cytotherapy*, **2016**, 18, 120-3	4.8	4
79	CD271 mediates stem cells to early progeny transition in human epidermis. *Journal of Investigative Dermatology*, **2015**, 135, 786-795	4.3	21
78	Carbonic anhydrase IX inhibition is an effective strategy for osteosarcoma treatment. *Expert Opinion on Therapeutic Targets*, **2015**, 19, 1593-605	6.4	23
77	In vitro differentiation of human amniotic epithelial cells into insulin-producing 3D spheroids. *International Journal of Immunopathology and Pharmacology*, **2015**, 28, 390-402	3	22
76	Mesenchymal progenitors expressing TRAIL induce apoptosis in sarcomas. *Stem Cells*, **2015**, 33, 859-69	5.8	35
75	Mesenchymal progenitors aging highlights a miR-196 switch targeting HOXB7 as master regulator of proliferation and osteogenesis. *Stem Cells*, **2015**, 33, 939-50	5.8	45
74	Effects of a ceramic biomaterial on immune modulatory properties and differentiation potential of human mesenchymal stromal cells of different origin. *Tissue Engineering - Part A*, **2015**, 21, 767-81	3.9	15
73	cGMP-compliant transportation conditions for a prompt therapeutic use of marrow mesenchymal stromal/stem cells. *Methods in Molecular Biology*, **2015**, 1283, 109-22	1.4	3
72	Mesenchymal stromal cells for cutaneous wound healing in a rabbit model: pre-clinical study applicable in the pediatric surgical setting. *Journal of Translational Medicine*, **2015**, 13, 219	8.5	47
71	Impressive Response to Dose-Dense Chemotherapy in a Patient with NUT Midline Carcinoma. *American Journal of Case Reports*, **2015**, 16, 424-9	1.3	9

70	Mesenchymal stem/stromal cells as a delivery platform in cell and gene therapies. *BMC Medicine*, **2015**, 13, 186	11.4	87
69	Genomic and functional comparison of mesenchymal stromal cells prepared using two isolation methods. *Cytotherapy*, **2015**, 17, 262-70	4.8	13
68	A novel anti-GD2/4-1BB chimeric antigen receptor triggers neuroblastoma cell killing. *Oncotarget*, **2015**, 6, 24884-94	3.3	47
67	Detection of microparticles from human red blood cells by multiparametric flow cytometry. *Blood Transfusion*, **2015**, 13, 274-80	3.6	29
66	Surrounding pancreatic adenocarcinoma by killer mesenchymal stromal/stem cells. *Human Gene Therapy*, **2014**, 25, 406-7	4.8	5
65	The puzzling situation of hospital exemption for advanced therapy medicinal products in Europe and stakeholdersSconcerns. *Cytotherapy*, **2014**, 16, 1597-600	4.8	31
64	A novel function for amniotic fluid: original or authentic?. *Journal of the Chinese Medical Association*, **2014**, 77, 601-2	2.8	
63	Rare breast cancer subtypes: histological, molecular, and clinical peculiarities. *Oncologist*, **2014**, 19, 805-13	5.7	93
62	Suppression of invasion and metastasis of triple-negative breast cancer lines by pharmacological or genetic inhibition of slug activity. *Neoplasia*, **2014**, 16, 1047-58	6.4	61
61	Mesenchymal stem cell biodistribution, migration, and homing in vivo. *Stem Cells International*, **2014**, 2014, 292109	5	24
60	Transportation conditions for prompt use of ex vivo expanded and freshly harvested clinical-grade bone marrow mesenchymal stromal/stem cells for bone regeneration. *Tissue Engineering - Part C: Methods*, **2014**, 20, 239-51	2.9	31
59	Role of mesenchymal stem cells in osteosarcoma and metabolic reprogramming of tumor cells. *Oncotarget*, **2014**, 5, 7575-88	3.3	99
58	Adipose stromal/stem cells assist fat transplantation reducing necrosis and increasing graft performance. *Apoptosis: an International Journal on Programmed Cell Death*, **2013**, 18, 1274-89	5.4	46
57	Proinflammatory stimuli induce galectin-9 in human mesenchymal stromal cells to suppress T-cell proliferation. *European Journal of Immunology*, **2013**, 43, 2741-9	6.1	75
56	Mesenchymal stromal/stem cells markers in the human bone marrow. *Cytotherapy*, **2013**, 15, 292-306	4.8	80
55	Improved isolation and expansion of bone marrow mesenchymal stromal cells using a novel marrow filter device. *Cytotherapy*, **2013**, 15, 146-53	4.8	39
54	Delayed marrow infusion in mice enhances hematopoietic and osteopoietic engraftment by facilitating transient expansion of the osteoblastic niche. *Biology of Blood and Marrow Transplantation*, **2013**, 19, 1566-73	4.7	4
53	MSC and Tumors: Homing, Differentiation, and Secretion Influence Therapeutic Potential. *Advances in Biochemical Engineering/Biotechnology*, **2013**, 130, 209-66	1.7	36

52	Transplanted murine long-term repopulating hematopoietic cells can differentiate to osteoblasts in the marrow stem cell niche. *Molecular Therapy*, **2013**, 21, 1224-31	11.7	14
51	Stromal cells from the adipose tissue-derived stromal vascular fraction and culture expanded adipose tissue-derived stromal/stem cells: a joint statement of the International Federation for Adipose Therapeutics and Science (IFATS) and the International Society for Cellular Therapy (ISCT). *Cytotherapy*, **2013**, 15, 641-8	4.8	1149
50	Isolation, characterization, and transduction of endometrial decidual tissue multipotent mesenchymal stromal/stem cells from menstrual blood. *BioMed Research International*, **2013**, 2013, 901821	3	60
49	Inhibiting interactions of lysine demethylase LSD1 with snail/slug blocks cancer cell invasion. *Cancer Research*, **2013**, 73, 235-45	10.1	98
48	IGF-1-mediated osteoblastic niche expansion enhances long-term hematopoietic stem cell engraftment after murine bone marrow transplantation. *Stem Cells*, **2013**, 31, 2193-204	5.8	41
47	Discordance in receptor status between primary and recurrent breast cancer has a prognostic impact: a single-institution analysis. *Annals of Oncology*, **2013**, 24, 101-8	10.3	107
46	Megakaryocytes promote murine osteoblastic HSC niche expansion and stem cell engraftment after radioablative conditioning. *Blood*, **2013**, 121, 5238-49	2.2	106
45	In vitro anti-myeloma activity of TRAIL-expressing adipose-derived mesenchymal stem cells. *British Journal of Haematology*, **2012**, 157, 586-98	4.5	40
44	Transplanted bone marrow mononuclear cells and MSCs impart clinical benefit to children with osteogenesis imperfecta through different mechanisms. *Blood*, **2012**, 120, 1933-41	2.2	105
43	Sarcomas as a mise en abyme of mesenchymal stem cells: exploiting interrelationships for cell mediated anticancer therapy. *Cancer Letters*, **2012**, 325, 1-10	9.9	6
42	Predictors of human epidermal growth factor receptor 2 fluorescence in-situ hybridisation amplification in immunohistochemistry score 2+ infiltrating breast cancer: a single institution analysis. *Journal of Clinical Pathology*, **2012**, 65, 503-6	3.9	10
41	Clinical perspectives of mesenchymal stem cells. *Stem Cells International*, **2012**, 2012, 684827	5	12
40	Cardiorenal Syndrome Type 1 May Be Immunologically Mediated: A Pilot Evaluation of Monocyte Apoptosis. *CardioRenal Medicine*, **2012**, 2, 33-42	2.8	39
39	Cytokine-induced osteopoietic differentiation of transplanted marrow cells. *Blood*, **2011**, 118, 2358-61	2.2	3
38	Bone marrow derived mesenchymal stem/stromal cells transduced with full length human TRAIL repress the growth of rhabdomyosarcoma cells in vitro. *Haematologica*, **2011**, 96, e21-2	6.6	14
37	Mesenchymal stem cells: a new promise in anticancer therapy. *Stem Cells and Development*, **2011**, 20, 1-10	4.4	42
36	Understanding tumor-stroma interplays for targeted therapies by armed mesenchymal stromal progenitors: the Mesenkillers. *American Journal of Cancer Research*, **2011**, 1, 787-805	4.4	22
35	Human multipotent mesenchymal stromal cells use galectin-1 to inhibit immune effector cells. *Blood*, **2010**, 116, 3770-9	2.2	196

34	GMP-manufactured density gradient media for optimized mesenchymal stromal/stem cell isolation and expansion. *Cytotherapy*, **2010**, 12, 466-77	4.8	50
33	Toward cell therapy using placenta-derived cells: disease mechanisms, cell biology, preclinical studies, and regulatory aspects at the round table. *Stem Cells and Development*, **2010**, 19, 143-54	4.4	112
32	Adipose-derived mesenchymal stem cells as stable source of tumor necrosis factor-related apoptosis-inducing ligand delivery for cancer therapy. *Cancer Research*, **2010**, 70, 3718-29	10.1	195
31	Getting beneath the skin to understand MSC complexity. *Cytotherapy*, **2010**, 12, 438-9	4.8	0
30	Osteopoietic engraftment after bone marrow transplantation: effect of inbred strain of mice. *Experimental Hematology*, **2010**, 38, 836-44	3.1	6
29	IGF1-Mediated Osteoblastic Niche Expansion After Marrow Ablation Enhances Long-Term Hematopoietic Stem Cell Engraftment and Hematopoietic Reconstitution After Bone Marrow Transplantation. *Blood*, **2010**, 116, 557-557	2.2	
28	Cell therapy for disorders of bone. *Cytotherapy*, **2009**, 11, 3-17	4.8	27
27	Heterogeneity of multipotent mesenchymal stromal cells: from stromal cells to stem cells and vice versa. *Transplantation*, **2009**, 87, S36-42	1.8	56
26	Response: Optimizing the niche conditions for maximal stem cell engraftment: human and animal model data. *Blood*, **2009**, 114, 5406-5407	2.2	1
25	Restoration and reversible expansion of the osteoblastic hematopoietic stem cell niche after marrow radioablation. *Blood*, **2009**, 114, 2333-43	2.2	159
24	Transplantable marrow osteoprogenitors engraft in discrete saturable sites in the marrow microenvironment. *Experimental Hematology*, **2008**, 36, 360-8	3.1	20
23	Application of multipotent mesenchymal stromal cells in pediatric patients following allogeneic stem cell transplantation. *Blood Cells, Molecules, and Diseases*, **2008**, 40, 25-32	2.1	155
22	How do mesenchymal stromal cells exert their therapeutic benefit?. *Cytotherapy*, **2008**, 10, 771-4	4.8	112
21	Epidermal growth factor receptor (EGFR) high gene copy number and activating mutations in lung adenocarcinomas are not consistently accompanied by positivity for EGFR protein by standard immunohistochemistry. *Journal of Molecular Diagnostics*, **2008**, 10, 160-8	5.1	45
20	Donor cell-derived osteopoiesis originates from a self-renewing stem cell with a limited regenerative contribution after transplantation. *Blood*, **2008**, 111, 4386-91	2.2	47
19	Human bone marrow mesenchymal stromal cells express the neural ganglioside GD2: a novel surface marker for the identification of MSCs. *Blood*, **2007**, 109, 4245-8	2.2	211
18	GD2+ Selected Mesenchymal Stromal Cells (MSCs) Demonstrate a More Robust Proliferation and Differentiation Potential Compared to Unselected Cells.. *Blood*, **2007**, 110, 1919-1919	2.2	
17	Proteasome inhibitors sensitize colon carcinoma cells to TRAIL-induced apoptosis via enhanced release of Smac/DIABLO from the mitochondria. *Pathology and Oncology Research*, **2006**, 12, 133-42	2.6	31

16	Transcriptional link between blood and bone: the stem cell leukemia gene and its +19 stem cell enhancer are active in bone cells. *Molecular and Cellular Biology*, **2006**, 26, 2615-25	4.8	16
15	Trophoblast stem cells rescue placental defect in SOCS3-deficient mice. *Journal of Biological Chemistry*, **2006**, 281, 11444-5	5.4	17
14	Animal serum-free culture conditions for isolation and expansion of multipotent mesenchymal stromal cells from human BM. *Cytotherapy*, **2006**, 8, 437-44	4.8	203
13	Minimal criteria for defining multipotent mesenchymal stromal cells. The International Society for Cellular Therapy position statement. *Cytotherapy*, **2006**, 8, 315-7	4.8	10965
12	Clarification of the nomenclature for MSC: The International Society for Cellular Therapy position statement. *Cytotherapy*, **2005**, 7, 393-5	4.8	1351
11	Transgenic mice with pancellular enhanced green fluorescent protein expression in primitive hematopoietic cells and all blood cell progeny. *Genesis*, **2005**, 42, 17-22	1.9	26
10	Hematopoietic cells and osteoblasts are derived from a common marrow progenitor after bone marrow transplantation. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 11761-6	11.5	132
9	Isolation and Expansion of Functional Differentiating Mesenchymal Stem Cells with a Serum Deprived Medium.. *Blood*, **2004**, 104, 2852-2852	2.2	
8	A Role for SCL in Developing Bone? the SCL +19 Core Enhancer Targets Expression to Cells of Developing Bone, Osteocytes, Chondrocytes and Bone Lining Cells.. *Blood*, **2004**, 104, 4199-4199	2.2	
7	Development and functional characterization of human bone marrow mesenchymal cells immortalized by enforced expression of telomerase. *British Journal of Haematology*, **2003**, 120, 846-9	4.5	95
6	Functional and immunophenotypic characteristics of isolated CD105(+) and fibroblast(+) stromal cells from AML: implications for their plasticity along endothelial lineage. *Cytotherapy*, **2003**, 5, 66-79	4.8	18
5	Angiogenesis in multiple myeloma: correlation between in vitro endothelial colonies growth (CFU-En) and clinical-biological features. *Leukemia*, **2001**, 15, 171-6	10.7	25
4	CD34(+) cell subsets and long-term culture colony-forming cells evaluated on both autologous and normal bone marrow stroma predict long-term hematopoietic engraftment in patients undergoing autologous peripheral blood stem cell transplantation. *Experimental Hematology*, **2001**, 29, 1484-93	3.1	25
3	PCR with degenerate primers for highly conserved DNA polymerase gene of the herpesvirus family shows neither human herpesvirus 8 nor a related variant in bone marrow stromal cells from multiple myeloma patients. *International Journal of Cancer*, **2000**, 86, 76-82	7.5	14
2	Prolonged remission state of refractory adult onset Still's disease following CD34-selected autologous peripheral blood stem cell transplantation. *Bone Marrow Transplantation*, **2000**, 25, 1307-10	4.4	15
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