

Massimo Dominici

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4314334/publications.pdf>

Version: 2024-02-01

185
papers

31,957
citations

41258

49
h-index

4323

173
g-index

190
all docs

190
docs citations

190
times ranked

38243
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal criteria for defining multipotent mesenchymal stromal cells. The International Society for Cellular Therapy position statement. <i>Cytotherapy</i> , 2006, 8, 315-317.	0.3	13,839
2	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. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	5.5	6,961
3	Clarification of the nomenclature for MSC: The International Society for Cellular Therapy position statement. <i>Cytotherapy</i> , 2005, 7, 393-395.	0.3	1,661
4	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). <i>Cytotherapy</i> , 2013, 15, 641-648.	0.3	1,469
5	International Society for Cellular Therapy perspective on immune functional assays for mesenchymal stromal cells as potency release criterion for advanced phase clinical trials. <i>Cytotherapy</i> , 2016, 18, 151-159.	0.3	400
6	Defining mesenchymal stromal cell (MSC)-derived small extracellular vesicles for therapeutic applications. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1609206.	5.5	400
7	Human bone marrow mesenchymal stromal cells express the neural ganglioside GD2: a novel surface marker for the identification of MSCs. <i>Blood</i> , 2007, 109, 4245-4248.	0.6	245
8	Adipose-Derived Mesenchymal Stem Cells as Stable Source of Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand Delivery for Cancer Therapy. <i>Cancer Research</i> , 2010, 70, 3718-3729.	0.4	226
9	Human multipotent mesenchymal stromal cells use galectin-1 to inhibit immune effector cells. <i>Blood</i> , 2010, 116, 3770-3779.	0.6	224
10	Animal serum-free culture conditions for isolation and expansion of multipotent mesenchymal stromal cells from human BM. <i>Cytotherapy</i> , 2006, 8, 437-444.	0.3	221
11	Challenges in Clinical Development of Mesenchymal Stromal/Stem Cells: Concise Review. <i>Stem Cells Translational Medicine</i> , 2019, 8, 1135-1148.	1.6	182
12	Restoration and reversible expansion of the osteoblastic hematopoietic stem cell niche after marrow radioablation. <i>Blood</i> , 2009, 114, 2333-2343.	0.6	178
13	Application of multipotent mesenchymal stromal cells in pediatric patients following allogeneic stem cell transplantation. <i>Blood Cells, Molecules, and Diseases</i> , 2008, 40, 25-32.	0.6	171
14	Hematopoietic cells and osteoblasts are derived from a common marrow progenitor after bone marrow transplantation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11761-11766.	3.3	150
15	Blocking Tumor-Educated MSC Paracrine Activity Halts Osteosarcoma Progression. <i>Clinical Cancer Research</i> , 2017, 23, 3721-3733.	3.2	150
16	Discordance in receptor status between primary and recurrent breast cancer has a prognostic impact: a single-Institution analysis. <i>Annals of Oncology</i> , 2013, 24, 101-108.	0.6	145
17	Rare Breast Cancer Subtypes: Histological, Molecular, and Clinical Peculiarities. <i>Oncologist</i> , 2014, 19, 805-813.	1.9	132
18	Megakaryocytes promote murine osteoblastic HSC niche expansion and stem cell engraftment after radioablative conditioning. <i>Blood</i> , 2013, 121, 5238-5249.	0.6	129

#	ARTICLE	IF	CITATIONS
19	Toward Cell Therapy Using Placenta-Derived Cells: Disease Mechanisms, Cell Biology, Preclinical Studies, and Regulatory Aspects at the Round Table. <i>Stem Cells and Development</i> , 2010, 19, 143-154.	1.1	127
20	How do mesenchymal stromal cells exert their therapeutic benefit?. <i>Cytotherapy</i> , 2008, 10, 771-774.	0.3	126
21	Critical considerations for the development of potency tests for therapeutic applications of mesenchymal stromal cell-derived small extracellular vesicles. <i>Cytotherapy</i> , 2021, 23, 373-380.	0.3	125
22	Role of mesenchymal stem cells in osteosarcoma and metabolic reprogramming of tumor cells. <i>Oncotarget</i> , 2014, 5, 7575-7588.	0.8	121
23	Development and functional characterization of human bone marrow mesenchymal cells immortalized by enforced expression of telomerase. <i>British Journal of Haematology</i> , 2003, 120, 846-849.	1.2	118
24	Transplanted bone marrow mononuclear cells and MSCs impart clinical benefit to children with osteogenesis imperfecta through different mechanisms. <i>Blood</i> , 2012, 120, 1933-1941.	0.6	118
25	Inhibiting Interactions of Lysine Demethylase LSD1 with Snail/Slug Blocks Cancer Cell Invasion. <i>Cancer Research</i> , 2013, 73, 235-245.	0.4	117
26	Mesenchymal stem/stromal cells as a delivery platform in cell and gene therapies. <i>BMC Medicine</i> , 2015, 13, 186.	2.3	109
27	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. <i>Cytotherapy</i> , 2020, 22, 482-485.	0.3	94
28	Mesenchymal stromal/stem cells markers in the human bone marrow. <i>Cytotherapy</i> , 2013, 15, 292-306.	0.3	93
29	Proinflammatory stimuli induce galectin-9 in human mesenchymal stromal cells to suppress cell proliferation. <i>European Journal of Immunology</i> , 2013, 43, 2741-2749.	1.6	92
30	Cell, tissue and gene products with marketing authorization in 2018 worldwide. <i>Cytotherapy</i> , 2018, 20, 1401-1413.	0.3	87
31	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. <i>Biomaterials</i> , 2019, 196, 100-108.	5.7	87
32	Isolation, Characterization, and Transduction of Endometrial Decidual Tissue Multipotent Mesenchymal Stromal/Stem Cells from Menstrual Blood. <i>BioMed Research International</i> , 2013, 2013, 1-14.	0.9	80
33	Suppression of Invasion and Metastasis of Triple-Negative Breast Cancer Lines by Pharmacological or Genetic Inhibition of Slug Activity. <i>Neoplasia</i> , 2014, 16, 1047-1058.	2.3	78
34	Altered pH gradient at the plasma membrane of osteosarcoma cells is a key mechanism of drug resistance. <i>Oncotarget</i> , 2016, 7, 63408-63423.	0.8	78
35	Targeting GD2-positive glioblastoma by chimeric antigen receptor empowered mesenchymal progenitors. <i>Cancer Gene Therapy</i> , 2020, 27, 558-570.	2.2	65
36	Heterogeneity of Multipotent Mesenchymal Stromal Cells: From Stromal Cells to Stem Cells and Vice Versa. <i>Transplantation</i> , 2009, 87, S36-S42.	0.5	63

#	ARTICLE	IF	CITATIONS
37	Mesenchymal stromal cells for cutaneous wound healing in a rabbit model: pre-clinical study applicable in the pediatric surgical setting. <i>Journal of Translational Medicine</i> , 2015, 13, 219.	1.8	62
38	A novel anti-GD2/4-1BB chimeric antigen receptor triggers neuroblastoma cell killing. <i>Oncotarget</i> , 2015, 6, 24884-24894.	0.8	61
39	GMP-manufactured density gradient media for optimized mesenchymal stromal/stem cell isolation and expansion. <i>Cytotherapy</i> , 2010, 12, 466-477.	0.3	59
40	Dynamic Cultivation of Mesenchymal Stem Cell Aggregates. <i>Bioengineering</i> , 2018, 5, 48.	1.6	59
41	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. <i>Journal of Molecular Diagnostics</i> , 2008, 10, 160-168.	1.2	58
42	Soluble TRAIL Armed Human MSC As Gene Therapy For Pancreatic Cancer. <i>Scientific Reports</i> , 2019, 9, 1788.	1.6	57
43	Adipose stromal/stem cells assist fat transplantation reducing necrosis and increasing graft performance. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 1274-1289.	2.2	56
44	Mesenchymal Progenitors Aging Highlights a miR-196 Switch Targeting HOXB7 as Master Regulator of Proliferation and Osteogenesis. <i>Stem Cells</i> , 2015, 33, 939-950.	1.4	56
45	Safety Profile of Good Manufacturing Practice Manufactured Interferon β -Primed Mesenchymal Stem/Stromal Cells for Clinical Trials. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1868-1879.	1.6	56
46	Extracellular vesicles released from mesenchymal stromal cells stimulate bone growth in osteogenesis imperfecta. <i>Cytotherapy</i> , 2018, 20, 62-73.	0.3	56
47	Intratumoral Delivery of Interferon β -Secreting Mesenchymal Stromal Cells Repolarizes Tumor-Associated Macrophages and Suppresses Neuroblastoma Proliferation In Vivo. <i>Stem Cells</i> , 2018, 36, 915-924.	1.4	55
48	Donor cell-derived osteopoiesis originates from a self-renewing stem cell with a limited regenerative contribution after transplantation. <i>Blood</i> , 2008, 111, 4386-4391.	0.6	53
49	Improved isolation and expansion of bone marrow mesenchymal stromal cells using a novel marrow filter device. <i>Cytotherapy</i> , 2013, 15, 146-153.	0.3	52
50	Genetic Engineering as a Strategy to Improve the Therapeutic Efficacy of Mesenchymal Stem/Stromal Cells in Regenerative Medicine. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 737.	1.8	52
51	IGF-1-mediated osteoblastic niche expansion enhances long-term hematopoietic stem cell engraftment after murine bone marrow transplantation. <i>Stem Cells</i> , 2013, 31, 2193-2204.	1.4	51
52	Microglia are less pro-inflammatory than myeloid infiltrates in the hippocampus of mice exposed to status epilepticus. <i>Glia</i> , 2016, 64, 1350-1362.	2.5	51
53	A Novel 3D In Vitro Platform for Pre-Clinical Investigations in Drug Testing, Gene Therapy, and Immuno-oncology. <i>Scientific Reports</i> , 2019, 9, 7154.	1.6	50
54	Circulating mucosal-associated invariant T cells identify patients responding to anti-PD-1 therapy. <i>Nature Communications</i> , 2021, 12, 1669.	5.8	48

#	ARTICLE	IF	CITATIONS
55	Mesenchymal Stem Cells: A New Promise in Anticancer Therapy. <i>Stem Cells and Development</i> , 2011, 20, 1-10.	1.1	47
56	<i>In vitro</i> anti- μ myeloma activity of TRAIL-expressing adipose-derived mesenchymal stem cells. <i>British Journal of Haematology</i> , 2012, 157, 586-598.	1.2	46
57	Mesenchymal Progenitors Expressing TRAIL Induce Apoptosis in Sarcomas. <i>Stem Cells</i> , 2015, 33, 859-869.	1.4	46
58	Dissecting Tumor Growth: The Role of Cancer Stem Cells in Drug Resistance and Recurrence. <i>Cancers</i> , 2022, 14, 976.	1.7	46
59	Cardiorenal Syndrome Type 1 May Be Immunologically Mediated: A Pilot Evaluation of Monocyte Apoptosis. <i>CardioRenal Medicine</i> , 2012, 2, 33-42.	0.7	45
60	Inducible Caspase9-mediated suicide gene for MSC-based cancer gene therapy. <i>Cancer Gene Therapy</i> , 2019, 26, 11-16.	2.2	45
61	MSC and Tumors: Homing, Differentiation, and Secretion Influence Therapeutic Potential. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2012, 130, 209-266.	0.6	44
62	Positioning a Scientific Community on Unproven Cellular Therapies: The 2015 International Society for Cellular Therapy Perspective. <i>Cytotherapy</i> , 2015, 17, 1663-1666.	0.3	44
63	Two Decades of Global Progress in Authorized Advanced Therapy Medicinal Products: An Emerging Revolution in Therapeutic Strategies. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 547653.	1.8	44
64	GD2 CAR T cells against human glioblastoma. <i>Npj Precision Oncology</i> , 2021, 5, 93.	2.3	43
65	The puzzling situation of hospital exemption for advanced therapy medicinal products in Europe and stakeholders' concerns. <i>Cytotherapy</i> , 2014, 16, 1597-1600.	0.3	42
66	Extracellular vesicles derived from mesenchymal cells: perspective treatment for cutaneous wound healing in pediatrics. <i>Regenerative Medicine</i> , 2018, 13, 385-394.	0.8	42
67	Mesenchymal stem cell immunomodulation: In pursuit of controlling COVID-19 related cytokine storm. <i>Stem Cells</i> , 2021, 39, 707-722.	1.4	42
68	Concise Review: An (Im)Penetrable Shield: How the Tumor Microenvironment Protects Cancer Stem Cells. <i>Stem Cells</i> , 2017, 35, 1123-1130.	1.4	41
69	Transportation Conditions for Prompt Use of <i>Ex Vivo</i> Expanded and Freshly Harvested Clinical-Grade Bone Marrow Mesenchymal Stromal/Stem Cells for Bone Regeneration. <i>Tissue Engineering - Part C: Methods</i> , 2014, 20, 239-251.	1.1	39
70	MSC-Delivered Soluble TRAIL and Paclitaxel as Novel Combinatory Treatment for Pancreatic Adenocarcinoma. <i>Theranostics</i> , 2019, 9, 436-448.	4.6	39
71	Therapeutic potential of the metabolic modulator phenformin in targeting the stem cell compartment in melanoma. <i>Oncotarget</i> , 2017, 8, 6914-6928.	0.8	38
72	GD2 expression in breast cancer. <i>Oncotarget</i> , 2017, 8, 31592-31600.	0.8	38

#	ARTICLE	IF	CITATIONS
73	Detection of microparticles from human red blood cells by multiparametric flow cytometry. <i>Blood Transfusion</i> , 2015, 13, 274-80.	0.3	38
74	Dissecting the Pharmacodynamics and Pharmacokinetics of MSCs to Overcome Limitations in Their Clinical Translation. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 14, 1-15.	1.8	36
75	Isolation and Identification of Cancer Stem-Like Cells in Adenocarcinoma and Squamous Cell Carcinoma of the Lung: A Pilot Study. <i>Frontiers in Oncology</i> , 2019, 9, 1394.	1.3	35
76	Mesenchymal Stem Cell Biodistribution, Migration, and Homing <i>In Vivo</i> . <i>Stem Cells International</i> , 2014, 2014, 1-2.	1.2	34
77	Part 1: Defining unproven cellular therapies. <i>Cytotherapy</i> , 2016, 18, 117-119.	0.3	33
78	Proteasome inhibitors sensitize colon carcinoma cells to TRAIL-induced apoptosis via enhanced release of smac/DIABLO from the mitochondria. <i>Pathology and Oncology Research</i> , 2006, 12, 133-142.	0.9	32
79	Early efficacy evaluation of mesenchymal stromal cells (MSC) combined to biomaterials to treat long bone non-unions. <i>Injury</i> , 2020, 51, S63-S73.	0.7	32
80	<i>In vitro</i> differentiation of human amniotic epithelial cells into insulin-producing 3D spheroids. <i>International Journal of Immunopathology and Pharmacology</i> , 2015, 28, 390-402.	1.0	31
81	TRAIL delivered by mesenchymal stromal/stem cells counteracts tumor development in orthotopic Ewing sarcoma models. <i>International Journal of Cancer</i> , 2016, 139, 2802-2811.	2.3	31
82	Cell therapy for disorders of bone. <i>Cytotherapy</i> , 2009, 11, 3-17.	0.3	30
83	Angiogenesis in multiple myeloma: correlation between in vitro endothelial colonies growth (CFU-En) and clinical biological features. <i>Leukemia</i> , 2001, 15, 171-176.	3.3	29
84	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. <i>Experimental Hematology</i> , 2001, 29, 1484-1493.	0.2	29
85	Carbonic anhydrase IX inhibition is an effective strategy for osteosarcoma treatment. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 1593-1605.	1.5	28
86	Mesenchymal stromal cells and their secreted extracellular vesicles as therapeutic tools for COVID-19 pneumonia?. <i>Journal of Controlled Release</i> , 2020, 325, 135-140.	4.8	28
87	CD271 Mediates Stem Cells to Early Progeny Transition in Human Epidermis. <i>Journal of Investigative Dermatology</i> , 2015, 135, 786-795.	0.3	27
88	Cancer stem cells and macrophages: molecular connections and future perspectives against cancer. <i>Oncotarget</i> , 2021, 12, 230-250.	0.8	27
89	Transgenic mice with pancellular enhanced green fluorescent protein expression in primitive hematopoietic cells and all blood cell progeny. <i>Genesis</i> , 2005, 42, 17-22.	0.8	26
90	Nivolumab-Induced Impressive Response of Refractory Pulmonary Sarcomatoid Carcinoma with Brain Metastasis. <i>Case Reports in Oncology</i> , 2018, 11, 615-621.	0.3	25

#	ARTICLE	IF	CITATIONS
91	Human Mesenchymal Stem Cell Combined with a New Strontium-Enriched Bioactive Glass: An ex-vivo Model for Bone Regeneration. <i>Materials</i> , 2019, 12, 3633.	1.3	25
92	Potency Biomarker Signature Genes from Multiparametric Osteogenesis Assays: Will cGMP Human Bone Marrow Mesenchymal Stromal Cells Make Bone?. <i>PLoS ONE</i> , 2016, 11, e0163629.	1.1	24
93	Trophoblast Stem Cells Rescue Placental Defect in SOCS3-deficient Mice. <i>Journal of Biological Chemistry</i> , 2006, 281, 11444-11445.	1.6	23
94	Autologous Fat Grafting for the Oral and Digital Complications of Systemic Sclerosis: Results of a Prospective Study. <i>Aesthetic Plastic Surgery</i> , 2020, 44, 1820-1832.	0.5	23
95	Understanding tumor-stroma interplays for targeted therapies by armed mesenchymal stromal progenitors: the Mesenkillers. <i>American Journal of Cancer Research</i> , 2011, 1, 787-805.	1.4	23
96	Functional and immunophenotypic characteristics of isolated CD105+ and fibroblast+ stromal cells from AML: implications for their plasticity along endothelial lineage. <i>Cytotherapy</i> , 2003, 5, 66-79.	0.3	22
97	Transplantable marrow osteoprogenitors engraft in discrete saturable sites in the marrow microenvironment. <i>Experimental Hematology</i> , 2008, 36, 360-368.	0.2	22
98	A new bioactive glass with extremely high crystallization temperature and outstanding biological performance. <i>Materials Science and Engineering C</i> , 2020, 110, 110699.	3.8	22
99	CD44+/EPCAM+ cells detect a subpopulation of ALDHhigh cells in human non-small cell lung cancer: A chance for targeting cancer stem cells?. <i>Oncotarget</i> , 2020, 11, 1545-1555.	0.8	22
100	Impressive Response to Dose-Dense Chemotherapy in a Patient with NUT Midline Carcinoma. <i>American Journal of Case Reports</i> , 2015, 16, 424-429.	0.3	20
101	Correlating tumor-infiltrating lymphocytes and lung cancer stem cells: a cross-sectional study. <i>Annals of Translational Medicine</i> , 2019, 7, 619-619.	0.7	20
102	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. <i>Journal of Clinical Medicine</i> , 2021, 10, 508.	1.0	19
103	Prolonged remission state of refractory adult onset Still's disease following CD34-selected autologous peripheral blood stem cell transplantation. <i>Bone Marrow Transplantation</i> , 2000, 25, 1307-1310.	1.3	18
104	Transcriptional Link between Blood and Bone: the Stem Cell Leukemia Gene and Its +19 Stem Cell Enhancer Are Active in Bone Cells. <i>Molecular and Cellular Biology</i> , 2006, 26, 2615-2625.	1.1	17
105	Genomic and functional comparison of mesenchymal stromal cells prepared using two isolation methods. <i>Cytotherapy</i> , 2015, 17, 262-270.	0.3	17
106	An Alternative Approach to Investigate Biofilm in Medical Devices: A Feasibility Study. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1587.	1.2	17
107	Arming Mesenchymal Stromal/Stem Cells Against Cancer: Has the Time Come?. <i>Frontiers in Pharmacology</i> , 2020, 11, 529921.	1.6	17
108	Impact of body composition, nutritional and inflammatory status on outcome of non-small cell lung cancer patients treated with immunotherapy. <i>Clinical Nutrition ESPEN</i> , 2021, 43, 64-75.	0.5	17

#	ARTICLE	IF	CITATIONS
109	Dissecting the Role of Mesenchymal Stem Cells in Idiopathic Pulmonary Fibrosis: Cause or Solution. <i>Frontiers in Pharmacology</i> , 2021, 12, 692551.	1.6	17
110	Clinical Perspectives of Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2012, 2012, 1-3.	1.2	16
111	Impact of HOXB7 overexpression on human adipose-derived mesenchymal progenitors. <i>Stem Cell Research and Therapy</i> , 2019, 10, 101.	2.4	16
112	Effects of a Ceramic Biomaterial on Immune Modulatory Properties and Differentiation Potential of Human Mesenchymal Stromal Cells of Different Origin. <i>Tissue Engineering - Part A</i> , 2015, 21, 767-781.	1.6	15
113	Hematopoietic derived cells do not contribute to osteogenesis as osteoblasts. <i>Bone</i> , 2017, 94, 1-9.	1.4	15
114	Response to Nature commentary "Clear up this stem-cell mess". <i>Cytotherapy</i> , 2019, 21, 1-2.	0.3	15
115	Cancer Stem Cells (CSCs), Circulating Tumor Cells (CTCs) and Their Interplay with Cancer Associated Fibroblasts (CAFs): A New World of Targets and Treatments. <i>Cancers</i> , 2022, 14, 2408.	1.7	15
116	Targeting Cancer Stem Cells: New Perspectives for a Cure to Cancer. , 2022, , 1-29.		15
117	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. , 2000, 86, 76-82.		14
118	Bone marrow derived mesenchymal stem/stromal cells transduced with full length human TRAIL repress the growth of rhabdomyosarcoma cells in vitro. <i>Haematologica</i> , 2011, 96, e21-e22.	1.7	14
119	Transplanted Murine Long-term Repopulating Hematopoietic Cells Can Differentiate to Osteoblasts in the Marrow Stem Cell Niche. <i>Molecular Therapy</i> , 2013, 21, 1224-1231.	3.7	14
120	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. <i>Cytotherapy</i> , 2018, 20, 1037-1045.	0.3	14
121	On the in Vitro Biocompatibility Testing of Bioactive Glasses. <i>Materials</i> , 2020, 13, 1816.	1.3	14
122	The Release of Inflammatory Mediators from Acid-Stimulated Mesenchymal Stromal Cells Favours Tumour Invasiveness and Metastasis in Osteosarcoma. <i>Cancers</i> , 2021, 13, 5855.	1.7	14
123	Predictors of human epidermal growth factor receptor 2 fluorescence in-situ hybridisation amplification in immunohistochemistry score 2+ infiltrating breast cancer: a single institution analysis. <i>Journal of Clinical Pathology</i> , 2012, 65, 503-506.	1.0	13
124	Cell therapies for pancreatic beta-cell replenishment. <i>Italian Journal of Pediatrics</i> , 2016, 42, 62.	1.0	13
125	Deepening the Knowledge of ROS1 Rearrangements in Non-Small Cell Lung Cancer: Diagnosis, Treatment, Resistance and Concomitant Alterations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12867.	1.8	13
126	Part 5: Unproven cell therapies and the commercialization of cell-based products. <i>Cytotherapy</i> , 2016, 18, 138-142.	0.3	12

#	ARTICLE	IF	CITATIONS
127	Resistance to neoplastic transformation of <i>ex-vivo</i> expanded human mesenchymal stromal cells after exposure to supramaximal physical and chemical stress. <i>Oncotarget</i> , 2016, 7, 77416-77429.	0.8	12
128	The Survey on Cellular and Engineered Tissue Therapies in Europe in 2013. <i>Tissue Engineering - Part A</i> , 2016, 22, 5-16.	1.6	11
129	Mineralization by mesenchymal stromal cells is variously modulated depending on commercial platelet lysate preparations. <i>Cytotherapy</i> , 2018, 20, 335-342.	0.3	11
130	Emerging Neuroblastoma 3D In Vitro Models for Pre-Clinical Assessments. <i>Frontiers in Immunology</i> , 2020, 11, 584214.	2.2	11
131	Persistency of Mesenchymal Stromal/Stem Cells in Lungs. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 709225.	1.8	11
132	Tumor Stroma Manipulation By MSC. <i>Current Drug Targets</i> , 2016, 17, 1111-1126.	1.0	11
133	Delayed Effect of Dendritic Cells Vaccination on Survival in Glioblastoma: A Systematic Review and Meta-Analysis. <i>Current Oncology</i> , 2022, 29, 881-891.	0.9	11
134	A Roadmap for the Production of a GMP-Compatible Cell Bank of Allogeneic Bone Marrow-Derived Clonal Mesenchymal Stromal Cells for Cell Therapy Applications. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 2279-2295.	1.7	11
135	Modulating endothelial adhesion and migration impacts stem cell therapies efficacy. <i>EBioMedicine</i> , 2020, 60, 102987.	2.7	10
136	Anti-GD2 CAR MSCs against metastatic Ewing's sarcoma. <i>Translational Oncology</i> , 2022, 15, 101240.	1.7	10
137	Acid microenvironment promotes cell survival of human bone sarcoma through the activation of cIAP proteins and NF- κ B pathway. <i>American Journal of Cancer Research</i> , 2019, 9, 1127-1144.	1.4	10
138	Human Herpes simplex 1 virus infection of endometrial decidual tissue-derived MSC alters HLA-G expression and immunosuppressive functions. <i>Human Immunology</i> , 2018, 79, 800-808.	1.2	9
139	New Perspectives in Different Gene Expression Profiles for Early and Locally Advanced Non-Small Cell Lung Cancer Stem Cells. <i>Frontiers in Oncology</i> , 2021, 11, 613198.	1.3	9
140	Integrated interventional bronchoscopy in the treatment of locally advanced non-small lung cancer with central Malignant airway Obstructions: a multicentric RETrospective study (EVERMORE). <i>Lung Cancer</i> , 2020, 148, 40-47.	0.9	8
141	Adipose mesenchymal stromal/stem cells expanded by a GMP compatible protocol displayed improved adhesion on cancer cells in flow conditions. <i>Annals of Translational Medicine</i> , 2020, 8, 533-533.	0.7	8
142	OUP accepted manuscript. <i>Stem Cells Translational Medicine</i> , 2022, 11, 239-247.	1.6	8
143	Current Status of Mesenchymal Stem/Stromal Cells for Treatment of Neurological Diseases. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	8
144	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.	3.2	7

#	ARTICLE	IF	CITATIONS
145	Cancer stem-neuroendocrine cells in an atypical carcinoid case report. <i>Translational Lung Cancer Research</i> , 2019, 8, 1157-1162.	1.3	7
146	Overall survival in patients with lung adenocarcinoma harboring "niche" mutations: an observational study. <i>Oncotarget</i> , 2020, 11, 550-559.	0.8	7
147	Science, ethics and communication remain essential for the success of cell-based therapies. <i>Brain Circulation</i> , 2016, 2, 146.	0.7	7
148	The Evolving Role of FGFR2 Inhibitors in Intrahepatic Cholangiocarcinoma: From Molecular Biology to Clinical Targeting. <i>Cancer Management and Research</i> , 2021, Volume 13, 7747-7757.	0.9	7
149	Osteopoietic engraftment after bone marrow transplantation: Effect of inbred strain of mice. <i>Experimental Hematology</i> , 2010, 38, 836-844.	0.2	6
150	Delayed Marrow Infusion in Mice Enhances Hematopoietic and Osteopoietic Engraftment by Facilitating Transient Expansion of the Osteoblastic Niche. <i>Biology of Blood and Marrow Transplantation</i> , 2013, 19, 1566-1573.	2.0	6
151	Surrounding Pancreatic Adenocarcinoma by Killer Mesenchymal Stromal/Stem Cells. <i>Human Gene Therapy</i> , 2014, 25, 406-407.	1.4	6
152	Part 2: Making the "unproven" "proven" Cytotherapy, 2016, 18, 120-123.	0.3	6
153	Cancer Stem-Like Cells in a Case of an Inflammatory Myofibroblastic Tumor of the Lung. <i>Frontiers in Oncology</i> , 2020, 10, 673.	1.3	6
154	Developing cell therapies as drug products. <i>British Journal of Pharmacology</i> , 2021, 178, 262-279.	2.7	6
155	A Novel Three-Dimensional Culture Device Favors a Myelinating Morphology of Neural Stem Cell-Derived Oligodendrocytes. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 759982.	1.8	6
156	Lack of confirmation of an association between HTLV-I infection and myelodysplastic syndrome. <i>British Journal of Haematology</i> , 1999, 105, 1146-1147.	1.2	5
157	Microfragmented adipose tissue is associated with improved ex vivo performance linked to HOXB7 and b-FGF expression. <i>Stem Cell Research and Therapy</i> , 2021, 12, 481.	2.4	5
158	ALDH Expression in Angiosarcoma of the Lung: A Potential Marker of Aggressiveness?. <i>Frontiers in Medicine</i> , 2020, 7, 544158.	1.2	4
159	Splenic macrophage phagocytosis of intravenously infused mesenchymal stromal cells attenuates tumor localization. <i>Cytotherapy</i> , 2021, 23, 411-422.	0.3	4
160	Long survival of a young patient with Xp11.2 translocation metastatic clear cell renal carcinoma: case report and review of the literature. <i>Tumori</i> , 2021, 107, 030089162110492.	0.6	4
161	Cytokine-induced osteopoietic differentiation of transplanted marrow cells. <i>Blood</i> , 2011, 118, 2358-2361.	0.6	3
162	cGMP-Compliant Transportation Conditions for a Prompt Therapeutic Use of Marrow Mesenchymal Stromal/Stem Cells. <i>Methods in Molecular Biology</i> , 2014, 1283, 109-122.	0.4	3

#	ARTICLE	IF	CITATIONS
163	Expression of ALDH and SOX-2 in Pulmonary Sclerosing Pneumocytoma (PSP) of the Lung: Is There a Meaning Behind?. <i>Frontiers in Medicine</i> , 2020, 7, 497.	1.2	3
164	Second-line chemotherapy (2L) in elderly patients with advanced biliary tract cancer (ABC): A multicenter real-world study.. <i>Journal of Clinical Oncology</i> , 2021, 39, 322-322.	0.8	3
165	The harmonization of World Health Organization International Nonproprietary Names definitions for cell and cell-based gene therapy substances: when a name is not enough. <i>Cytotherapy</i> , 2021, 23, 357-366.	0.3	3
166	Assessing Biocompatibility of Face Mask Materials during COVID-19 Pandemic by a Rapid Multi-Assays Strategy. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5387.	1.2	3
167	A 3D Platform to Investigate Dynamic Cell-to-Cell Interactions Between Tumor Cells and Mesenchymal Progenitors. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 767253.	1.8	2
168	Redistribution of CD8 ⁺ T cell subsets in metastatic renal cell carcinoma patients treated with anti-PD-1 therapy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 597-605.	1.1	2
169	Response: Optimizing the niche conditions for maximal stem cell engraftment: human and animal model data. <i>Blood</i> , 2009, 114, 5406-5407.	0.6	1
170	Getting beneath the skin to understand MSC complexity. <i>Cytotherapy</i> , 2010, 12, 438-439.	0.3	1
171	A novel function for amniotic fluid: Original or authentic?. <i>Journal of the Chinese Medical Association</i> , 2014, 77, 601-602.	0.6	1
172	Identification of a murine CD45 ^{hi} F4/80 ^{lo} HSC-derived marrow endosteal cell associated with donor stem cell engraftment. <i>Blood Advances</i> , 2017, 1, 2667-2678.	2.5	1
173	Invited Response on: Comments on "Autologous Fat Grafting for the Oral and Digital Complications of Systemic Sclerosis: Results of a Prospective Study". <i>Aesthetic Plastic Surgery</i> , 2021, 45, 1344-1345.	0.5	1
174	The immune checkpoint CD73 (NT5E) in gastric adenocarcinoma (GAC): Biological characterization and clinical implications.. <i>Journal of Clinical Oncology</i> , 2021, 39, 235-235.	0.8	1
175	Biliary tract cancer (BTC) in the elderly: A real-world tertiary cancer center experience.. <i>Journal of Clinical Oncology</i> , 2020, 38, 492-492.	0.8	1
176	Cancer Stem Cells and Cell Cycle Genes as Independent Predictors of Relapse in Non-small Cell Lung Cancer: Secondary Analysis of a Prospective Study. <i>Stem Cells Translational Medicine</i> , 2022, 11, 797-804.	1.6	1
177	President's letter on unproven cellular therapy. <i>Cytotherapy</i> , 2016, 18, 115.	0.3	0
178	Introduction and overview. <i>Cytotherapy</i> , 2017, 19, 1253-1255.	0.3	0
179	Isolation and Expansion of Functional Differentiating Mesenchymal Stem Cells with a Serum Deprived Medium.. <i>Blood</i> , 2004, 104, 2852-2852.	0.6	0
180	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.. <i>Blood</i> , 2004, 104, 4199-4199.	0.6	0

#	ARTICLE	IF	CITATIONS
181	GD2+ Selected Mesenchymal Stromal Cells (MSCs) Demonstrate a More Robust Proliferation and Differentiation Potential Compared to Unselected Cells.. Blood, 2007, 110, 1919-1919.	0.6	0
182	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.	0.6	0
183	TRAIL receptors are expressed in both malignant and stromal cells in pancreatic ductal adenocarcinoma. American Journal of Cancer Research, 2021, 11, 4500-4514.	1.4	0
184	Development and Multicentre Validation of the Modena Score to Predict Survival in Advanced Biliary Cancers Undergoing Second-Line Chemotherapy. Cancer Management and Research, 2022, Volume 14, 983-993.	0.9	0
185	Statins increase pathological response in locally advanced rectal cancer treated with chemoradiation: a multicenter experience. Future Oncology, 2022, 18, 2651-2659.	1.1	0