

Bruce A Bunnell

List of Publications by Year in descending order

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Version: 2024-02-01

219
papers

14,819
citations

30070

54
h-index

20358

116
g-index

227
all docs

227
docs citations

227
times ranked

17947
citing authors

#	ARTICLE	IF	CITATIONS
1	Establishing the adipose stem cell identity: Characterization assays and functional properties. , 2022, , 23-56.		4
2	Adipose-Derived Stromal/Stem Cell Response to Tumors and Wounds: Evaluation of Patient Age. Stem Cells and Development, 2022, 31, 579-592.	2.1	4
3	Short-Term Autophagy Preconditioning Upregulates the Expression of COX2 and PGE2 and Alters the Immune Phenotype of Human Adipose-Derived Stem Cells In Vitro. Cells, 2022, 11, 1376.	4.1	4
4	Human Mesenchymal Stem Cell-Derived Miniature Joint System for Disease Modeling and Drug Testing. Advanced Science, 2022, 9, e2105909.	11.2	22
5	Breast Cancer-Stromal Interactions: Adipose-Derived Stromal/Stem Cell Age and Cancer Subtype Mediated Remodeling. Stem Cells and Development, 2022, 31, 604-620.	2.1	3
6	The role of MEK1/2 and MEK5 in melatonin-mediated actions on osteoblastogenesis, osteoclastogenesis, bone microarchitecture, biomechanics, and bone formation. Journal of Pineal Research, 2022, 73, .	7.4	8
7	Non-homologous use of adipose-derived cell and tissue therapies: Osteoarthritis as a case study. Bone Reports, 2022, 17, 101601.	0.4	5
8	Illuminating the Regenerative Properties of Stem Cells In Vivo with Bioluminescence Imaging. Biotechnology Journal, 2021, 16, e2000248.	3.5	2
9	Current Models for Development of Disease-Modifying Osteoarthritis Drugs. Tissue Engineering - Part C: Methods, 2021, 27, 124-138.	2.1	33
10	In Vitro Culture Expansion Shifts the Immune Phenotype of Human Adipose-Derived Mesenchymal Stem Cells. Frontiers in Immunology, 2021, 12, 621744.	4.8	31
11	Evaluation of Extracellular Matrix Composition to Improve Breast Cancer Modeling. Tissue Engineering - Part A, 2021, 27, 500-511.	3.1	11
12	Modeling Joint Pain on a Chip: integrating sensory neurons in the microJoint to model osteoarthritis. Journal of Pain, 2021, 22, 583.	1.4	3
13	The Effects of Macrophage Phenotype on Osteogenic Differentiation of MSCs in the Presence of Polyethylene Particles. Biomedicines, 2021, 9, 499.	3.2	11
14	Viability of acellular biologic graft for nipple-areolar complex reconstruction in a non-human primate model. Scientific Reports, 2021, 11, 15085.	3.3	3
15	NODDI highlights recovery mechanisms in white and gray matter in ischemic stroke following human stem cell treatment. Magnetic Resonance in Medicine, 2021, 86, 3211-3223.	3.0	8
16	Comparative Analysis of Human Adipose-Derived Stromal/Stem Cells and Dermal Fibroblasts. Stem Cells and Development, 2021, 30, 1171-1178.	2.1	2
17	Adipose-Derived Stem Cells from Obese Donors Polarize Macrophages and Microglia toward a Pro-Inflammatory Phenotype. Cells, 2021, 10, 26.	4.1	20
18	Obesity Modulates the Gut Microbiome in Triple-Negative Breast Cancer. Nutrients, 2021, 13, 3656.	4.1	15

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19	Macrophages Modulate the Function of MSC- and iPSC-Derived Fibroblasts in the Presence of Polyethylene Particles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12837.	4.1	2
20	International Federation for Adipose Therapeutics and Science and Stem Cells and Development: A Long-Term Relationship That Has Been Growing in Plain Sight. <i>Stem Cells and Development</i> , 2021, 30, 1139-1140.	2.1	0
21	A Role for Adipocytes and Adipose Stem Cells in the Breast Tumor Microenvironment and Regenerative Medicine. <i>Frontiers in Physiology</i> , 2021, 12, 751239.	2.8	15
22	Excision of latent HIV-1: CRISPR technology overcomes viral strain diversity. <i>EBioMedicine</i> , 2021, 74, 103720.	6.1	1
23	Adipose Stem Cells in Regenerative Medicine: Looking Forward. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 837464.	4.1	30
24	Adipose Tissue-Derived Mesenchymal Stem Cells. <i>Cells</i> , 2021, 10, 3433.	4.1	56
25	Back Cover Image, Volume 117, Number 1, January 2020. <i>Biotechnology and Bioengineering</i> , 2020, 117, ii.	3.3	0
26	American Society for Bone and Mineral Researchâ€Orthopaedic Research Society Joint Task Force Report on Cellâ€Based Therapies. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 3-17.	2.8	11
27	Survival of aging CD264 ⁺ and CD264 ⁺ populations of human bone marrow mesenchymal stem cells is independent of colonyâ€forming efficiency. <i>Biotechnology and Bioengineering</i> , 2020, 117, 223-237.	3.3	11
28	Arguments for a Different Regulatory Categorization and Framework for Stromal Vascular Fraction. <i>Stem Cells and Development</i> , 2020, 29, 257-262.	2.1	7
29	Evaluation of deacetylase inhibition in metaplastic breast carcinoma using multiple derivations of preclinical models of a new patient-derived tumor. <i>PLoS ONE</i> , 2020, 15, e0226464.	2.5	13
30	Short-Term Rapamycin Preconditioning Diminishes Therapeutic Efficacy of Human Adipose-Derived Stem Cells in a Murine Model of Multiple Sclerosis. <i>Cells</i> , 2020, 9, 2218.	4.1	4
31	3D Spheroids Derived from Human Lipedema ASCs Demonstrated Similar Adipogenic Differentiation Potential and ECM Remodeling to Non-Lipedema ASCs In Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8350.	4.1	15
32	CRISPR based editing of SIV proviral DNA in ART treated non-human primates. <i>Nature Communications</i> , 2020, 11, 6065.	12.8	66
33	Adipose Tissue-Derived Stem Cells Retain Their Adipocyte Differentiation Potential in Three-Dimensional Hydrogels and Bioreactors. <i>Biomolecules</i> , 2020, 10, 1070.	4.0	24
34	A novel screening approach comparing kinase activity of small molecule inhibitors with similar molecular structures and distinct biologic effects in triple-negative breast cancer to identify targetable signaling pathways. <i>Anti-Cancer Drugs</i> , 2020, 31, 759-775.	1.4	0
35	Patient-Derived Xenografts as an Innovative Surrogate Tumor Model for the Investigation of Health Disparities in Triple Negative Breast Cancer. <i>Women S Health Reports</i> , 2020, 1, 383-392.	0.8	4
36	Characterization and Proteomic Analysis of Decellularized Adipose Tissue Hydrogels Derived from Lean and Overweight/Obese Human Donors. <i>Advanced Biology</i> , 2020, 4, e2000124.	3.0	14

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37	Rationale for the clinical use of adipose-derived mesenchymal stem cells for COVID-19 patients. <i>Journal of Translational Medicine</i> , 2020, 18, 203.	4.4	83
38	A novel tissue culture model for evaluating the effect of aging on stem cell fate in adult microvascular networks. <i>GeroScience</i> , 2020, 42, 515-526.	4.6	8
39	Adipose Tissue-Derived Stem Cells: Immunomodulatory Effects and Therapeutic Potential. <i>Physiology</i> , 2020, 35, 125-133.	3.1	64
40	Increase in Leptin and PPAR- β Gene Expression in Lipedema Adipocytes Differentiated in vitro from Adipose-Derived Stem Cells. <i>Cells</i> , 2020, 9, 430.	4.1	30
41	Acellular Biologic Nipple-Areolar Complex Graft: <i>In Vivo</i> Murine and Nonhuman Primate Host Response Evaluation. <i>Tissue Engineering - Part A</i> , 2020, 26, 872-885.	3.1	5
42	Safety and Efficacy of Human Adipose-Derived Stromal/Stem Cell Therapy in an Immunocompetent Murine Pressure Ulcer Model. <i>Stem Cells and Development</i> , 2020, 29, 440-451.	2.1	9
43	Safety of Human Adipose Stromal Vascular Fraction Cells Isolated with a Closed System Device in an Immunocompetent Murine Pressure Ulcer Model. <i>Stem Cells and Development</i> , 2020, 29, 452-461.	2.1	7
44	Obesity-Altered Adipose Stem Cells Promote Radiation Resistance of Estrogen Receptor Positive Breast Cancer through Paracrine Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2722.	4.1	19
45	Macrophage Effects on Mesenchymal Stem Cell Osteogenesis in a Three-Dimensional <i>In Vitro</i> Bone Model. <i>Tissue Engineering - Part A</i> , 2020, 26, 1099-1111.	3.1	31
46	American Society for Bone and Mineral Research-Orthopaedic Research Society Joint Task Force Report on Cell-Based Therapies - Secondary Publication. <i>Journal of Orthopaedic Research</i> , 2020, 38, 485-502.	2.3	7
47	Abstract C110: Applications of patient-derived triple-negative breast cancer xenografts that represent understudied patients in Louisiana in targeted therapeutic research. , 2020, , .		0
48	Abstract 3866: Investigating tumor infiltrating immune cells signature in obese triple negative breast cancer. , 2020, , .		0
49	Abstract P6-03-17: Effect of histone deacetylase inhibitors on patient-derived neoadjuvant chemotherapy resistant triple negative breast cancer xenografts that represent understudied patients. , 2020, , .		0
50	Abstract P6-14-13: New approach to nipple reconstruction: In vivo evaluation of acellular nipple-areolar complex grafts. , 2020, , .		1
51	Adipose Stem Cells and Cancer: Concise Review. <i>Stem Cells</i> , 2019, 37, 1261-1266.	3.2	24
52	Decellularized Adipose Tissue Hydrogel Promotes Bone Regeneration in Critical-Sized Mouse Femoral Defect Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 211.	4.1	42
53	Leptin produced by obesity-altered adipose stem cells promotes metastasis but not tumorigenesis of triple-negative breast cancer in orthotopic xenograft and patient-derived xenograft models. <i>Breast Cancer Research</i> , 2019, 21, 67.	5.0	45
54	Development of Responsive Chitosan-Genipin Hydrogels for the Treatment of Wounds. <i>ACS Applied Bio Materials</i> , 2019, 2, 2879-2888.	4.6	62

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55	Beyond the Present Constraints That Prevent a Wide Spread of Tissue Engineering and Regenerative Medicine Approaches. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 95.	4.1	45
56	Decellularized Adipose Tissue: Biochemical Composition, in vivo Analysis and Potential Clinical Applications. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1212, 57-70.	1.6	38
57	Obesity-Altered Adipose Stem Cells Promote ER+ Breast Cancer Metastasis through Estrogen Independent Pathways. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1419.	4.1	29
58	Drug resistance profiling of a new triple negative breast cancer patient-derived xenograft model. <i>BMC Cancer</i> , 2019, 19, 205.	2.6	19
59	Discussion. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 757-758.	1.4	3
60	Osteochondral Tissue Chip Derived From iPSCs: Modeling OA Pathologies and Testing Drugs. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 411.	4.1	71
61	Human Adipose-Derived Hydrogel Characterization Based on <i>In Vitro</i> ASC Biocompatibility and Differentiation. <i>Stem Cells International</i> , 2019, 2019, 1-13.	2.5	23
62	Lipedema: A Painful Adipose Tissue Disorder. , 2019, , .		7
63	Comparative proteomic analyses of human adipose extracellular matrices decellularized using alternative procedures. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 2481-2493.	4.0	37
64	Therapeutic Applications for Adipose-Derived Stem Cells in Wound Healing and Tissue Engineering. <i>Current Stem Cell Reports</i> , 2018, 4, 127-137.	1.6	12
65	Bone Marrow Adipocyte Developmental Origin and Biology. <i>Current Osteoporosis Reports</i> , 2018, 16, 312-319.	3.6	27
66	A novel patient-derived xenograft model for claudin-low triple-negative breast cancer. <i>Breast Cancer Research and Treatment</i> , 2018, 169, 381-390.	2.5	19
67	Effect of Cryopreservation on Human Adipose Tissue and Isolated Stromal Vascular Fraction Cells: In Vitro and In Vivo Analyses. <i>Plastic and Reconstructive Surgery</i> , 2018, 141, 232e-243e.	1.4	20
68	Biological effects of melatonin on osteoblast/osteoclast cocultures, bone, and quality of life: Implications of a role for <i>MT</i> ² melatonin receptors, <i>MEK</i> ^{1/2} , and <i>MEK</i> ⁵ in melatonin-mediated osteoblastogenesis. <i>Journal of Pineal Research</i> , 2018, 64, e12465.	7.4	122
69	Adipose stromal vascular fraction attenuates TH1 cell-mediated pathology in a model of multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2018, 15, 77.	7.2	17
70	Isolation and Flow Cytometric Analysis of the Stromal Vascular Fraction Isolated from Mouse Adipose Tissue. <i>Methods in Molecular Biology</i> , 2018, 1773, 1-9.	0.9	3
71	Re-endothelialization of rat lung scaffolds through passive, gravity-driven seeding of segment-specific pulmonary endothelial cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, e786-e806.	2.7	33
72	2070 High-intensity focused ultrasound (HIFU) can be used synergistically with tamoxifen to overcome resistance in preclinical and patient derived xenograft models. <i>Journal of Clinical and Translational Science</i> , 2018, 2, 14-14.	0.6	0

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73	A Novel, Sterilized Microvascular Tissue Product Improves Healing in a Murine Pressure Ulcer Model. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2018, 6, e2010.	0.6	5
74	2057 L1 expression analysis in adipose-derived stem cells. <i>Journal of Clinical and Translational Science</i> , 2018, 2, 16-16.	0.6	0
75	Evaluation of the host immune response to decellularized lung scaffolds derived from $\hat{\pm}$ -Gal knockout pigs in a non-human primate model. <i>Biomaterials</i> , 2018, 187, 93-104.	11.4	51
76	Accelerate Healing of Severe Burn Wounds by Mouse Bone Marrow Mesenchymal Stem Cell-Seeded Biodegradable Hydrogel Scaffold Synthesized from Arginine-Based Poly(ester amide) and Chitosan. <i>Stem Cells and Development</i> , 2018, 27, 1605-1620.	2.1	48
77	Aging phenotype(s) in kidneys of diabetic mice are p66ShcA dependent. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1833-F1842.	2.7	5
78	Concise Review: Using Fat to Fight Disease: A Systematic Review of Nonhomologous Adipose-Derived Stromal/Stem Cell Therapies. <i>Stem Cells</i> , 2018, 36, 1311-1328.	3.2	115
79	Therapeutic Potential of Adipose Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1341, 15-25.	1.6	38
80	MED31 involved in regulating self-renewal and adipogenesis of human mesenchymal stem cells. <i>Molecular Biology Reports</i> , 2018, 45, 1545-1550.	2.3	5
81	Gender and age-related cell compositional differences in C57BL/6 murine adipose tissue stromal vascular fraction. <i>Adipocyte</i> , 2018, 7, 183-189.	2.8	16
82	Panobinostat suppresses the mesenchymal phenotype in a novel claudin-low triple negative patient-derived breast cancer model. <i>Oncoscience</i> , 2018, 5, 99-108.	2.2	15
83	Explosive mutation accumulation triggered by heterozygous human Pol $\hat{\mu}$ proofreading-deficiency is driven by suppression of mismatch repair. <i>ELife</i> , 2018, 7, .	6.0	33
84	Abstract A01: Application of patient-derived models from understudied patient populations to discover therapeutically targetable pathways in triple-negative breast cancer systems. , 2018, , .		0
85	Adipose Derived Cells and Tissues for Regenerative Medicine. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1477-1482.	5.2	12
86	Characterization of an Acellular Scaffold for a Tissue Engineering Approach to the Nipple-Areolar Complex Reconstruction. <i>Cells Tissues Organs</i> , 2017, 203, 183-193.	2.3	43
87	Osteoinductive effects of glyceollins on adult mesenchymal stromal/stem cells from adipose tissue and bone marrow. <i>Phytomedicine</i> , 2017, 27, 39-51.	5.3	15
88	Laser direct-write based fabrication of a spatially-defined, biomimetic construct as a potential model for breast cancer cell invasion into adipose tissue. <i>Biofabrication</i> , 2017, 9, 025013.	7.1	37
89	Endocrine disruptors and the tumor microenvironment: A new paradigm in breast cancer biology. <i>Molecular and Cellular Endocrinology</i> , 2017, 457, 13-19.	3.2	35
90	Glycinol enhances osteogenic differentiation and attenuates the effects of age on mesenchymal stem cells. <i>Regenerative Medicine</i> , 2017, 12, 513-524.	1.7	2

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91	Immunomodulatory Effects of Adipose Stromal Vascular Fraction Cells Promote Alternative Activation Macrophages to Repair Tissue Damage. <i>Stem Cells</i> , 2017, 35, 2198-2207.	3.2	47
92	Adipose Stromal Vascular Fraction-Mediated Improvements at Late-Stage Disease in a Murine Model of Multiple Sclerosis. <i>Stem Cells</i> , 2017, 35, 532-544.	3.2	42
93	Obesity Enhances the Conversion of Adipose-Derived Stromal/Stem Cells into Carcinoma-Associated Fibroblast Leading to Cancer Cell Proliferation and Progression to an Invasive Phenotype. <i>Stem Cells International</i> , 2017, 2017, 1-11.	2.5	46
94	Decoy TRAIL receptor CD264: a cell surface marker of cellular aging for human bone marrow-derived mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2017, 8, 201.	5.5	36
95	Isolation and Primary Culture of Adult Human Adipose-derived Stromal/Stem Cells. <i>Bio-protocol</i> , 2017, 7, e2161.	0.4	2
96	Abstract 1117: Triple negative breast cancer patient-derived xenografts as a translational model for discovery of novel therapeutic targets. , 2017, , .		0
97	Bisphenol A alters the self-renewal and differentiation capacity of human bone-marrow-derived mesenchymal stem cells. <i>Endocrine Disruptors (Austin, Tex)</i> , 2016, 4, e1200344.	1.1	9
98	Serially Transplanted Nonpericytic CD146 ⁺ Adipose Stromal/Stem Cells in Silk Bioscaffolds Regenerate Adipose Tissue In Vivo. <i>Stem Cells</i> , 2016, 34, 1097-1111.	3.2	23
99	Pervasive supply of therapeutic lysosomal enzymes in the <scp>CNS</scp> of normal and Krabbe-affected non-human primates by intracerebral lentiviral gene therapy. <i>EMBO Molecular Medicine</i> , 2016, 8, 489-510.	6.9	50
100	Obesity inhibits the osteogenic differentiation of human adipose-derived stem cells. <i>Journal of Translational Medicine</i> , 2016, 14, 27.	4.4	26
101	Human Adipose Stromal/Stem Cells from Obese Donors Show Reduced Efficacy in Halting Disease Progression in the Experimental Autoimmune Encephalomyelitis Model of Multiple Sclerosis. <i>Stem Cells</i> , 2016, 34, 614-626.	3.2	68
102	Human cytomegalovirus infection of human adipose-derived stromal/stem cells restricts differentiation along the adipogenic lineage. <i>Adipocyte</i> , 2016, 5, 53-64.	2.8	15
103	The Effects of Endocrine Disruptors on Adipogenesis and Osteogenesis in Mesenchymal Stem Cells: A Review. <i>Frontiers in Endocrinology</i> , 2016, 7, 171.	3.5	49
104	Density-Dependent Metabolic Heterogeneity in Human Mesenchymal Stem Cells. <i>Stem Cells</i> , 2015, 33, 3368-3381.	3.2	34
105	A review of cellularization strategies for tissue engineering of whole organs. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 43.	4.1	172
106	Analysis of the Pro- and Anti-Inflammatory Cytokines Secreted by Adult Stem Cells during Differentiation. <i>Stem Cells International</i> , 2015, 2015, 1-12.	2.5	21
107	Arginine vasopressin inhibits adipogenesis in human adipose-derived stem cells. <i>Molecular and Cellular Endocrinology</i> , 2015, 406, 1-9.	3.2	13
108	Characterization of a Murine Pressure Ulcer Model to Assess Efficacy of Adipose-derived Stromal Cells. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2015, 3, e334.	0.6	20

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109	Adipose Stromal Cells Repair Pressure Ulcers in Both Young and Elderly Mice: Potential Role of Adipogenesis in Skin Repair. <i>Stem Cells Translational Medicine</i> , 2015, 4, 632-642.	3.3	62
110	Stromal cells and stem cells in clinical bone regeneration. <i>Nature Reviews Endocrinology</i> , 2015, 11, 140-150.	9.6	342
111	Effects of the Endocrine-Disrupting Chemical DDT on Self-Renewal and Differentiation of Human Mesenchymal Stem Cells. <i>Environmental Health Perspectives</i> , 2015, 123, 42-48.	6.0	59
112	Initial gene vector dosing for studying symptomatology of amyotrophic lateral sclerosis in non-human primates. <i>Journal of Medical Primatology</i> , 2015, 44, 66-75.	0.6	6
113	Leptin produced by obese adipose stromal/stem cells enhances proliferation and metastasis of estrogen receptor positive breast cancers. <i>Breast Cancer Research</i> , 2015, 17, 112.	5.0	152
114	Concise Review: The Obesity Cancer Paradigm: Exploration of the Interactions and Crosstalk with Adipose Stem Cells. <i>Stem Cells</i> , 2015, 33, 318-326.	3.2	76
115	Tracking Human Adipose-Derived Stem Cells (hASCs) in an Ex Vivo Microvascular Network Model. <i>FASEB Journal</i> , 2015, 29, 790.2.	0.5	1
116	Transplantation of Autologous Adipose Stem Cells Lacks Therapeutic Efficacy in the Experimental Autoimmune Encephalomyelitis Model. <i>PLoS ONE</i> , 2014, 9, e85007.	2.5	46
117	Hypertensive Rat Lungs Retain Hallmarks of Vascular Disease upon Decellularization but Support the Growth of Mesenchymal Stem Cells. <i>Tissue Engineering - Part A</i> , 2014, 20, 1426-1443.	3.1	26
118	Doublecortin May Play a Role in Defining Chondrocyte Phenotype. <i>International Journal of Molecular Sciences</i> , 2014, 15, 6941-6960.	4.1	6
119	Novel daidzein analogs enhance osteogenic activity of bone marrow-derived mesenchymal stem cells and adipose-derived stromal/stem cells through estrogen receptor dependent and independent mechanisms. <i>Stem Cell Research and Therapy</i> , 2014, 5, 105.	5.5	38
120	Application of Adipose-Derived Stem Cells on Scleral Contact Lens Carrier in an Animal Model of Severe Acute Alkaline Burn. <i>Eye and Contact Lens</i> , 2014, 40, 243-247.	1.6	31
121	Comparison of human adult stem cells from adipose tissue and bone marrow in the treatment of experimental autoimmune encephalomyelitis. <i>Stem Cell Research and Therapy</i> , 2014, 5, 2.	5.5	60
122	Interleukin 6 Mediates the Therapeutic Effects of Adipose-Derived Stromal/Stem Cells in Lipopolysaccharide-Induced Acute Lung Injury. <i>Stem Cells</i> , 2014, 32, 1616-1628.	3.2	40
123	Bisphenol A enhances adipogenic differentiation of human adipose stromal/stem cells. <i>Journal of Molecular Endocrinology</i> , 2014, 53, 345-353.	2.5	101
124	Design, Synthesis, and Osteogenic Activity of Daidzein Analogs on Human Mesenchymal Stem Cells. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 143-148.	2.8	24
125	Maresin-like Lipid Mediators Are Produced by Leukocytes and Platelets and Rescue Reparative Function of Diabetes-Impaired Macrophages. <i>Chemistry and Biology</i> , 2014, 21, 1318-1329.	6.0	39
126	Innate Immune Activation in the Pathogenesis of a Murine Model of Globoid Cell Leukodystrophy. <i>American Journal of Pathology</i> , 2014, 184, 382-396.	3.8	46

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127	Mesenchymal Stem Cell-Based Therapy in a Mouse Model of Experimental Autoimmune Encephalomyelitis (EAE). <i>Methods in Molecular Biology</i> , 2014, 1213, 303-319.	0.9	19
128	Comparison of the therapeutic effects of human and mouse adipose-derived stem cells in a murine model of lipopolysaccharide-induced acute lung injury. <i>Stem Cell Research and Therapy</i> , 2013, 4, 13.	5.5	49
129	Characterization of adipose-derived stromal/stem cells from the twitcher mouse model of krabbe disease. <i>BMC Cell Biology</i> , 2013, 14, 20.	3.0	4
130	Biological aging alters circadian mechanisms in murine adipose tissue depots. <i>Age</i> , 2013, 35, 533-547.	3.0	17
131	Multipotent Stromal Cells Alleviate Inflammation, Neuropathology, and Symptoms Associated with Globoid Cell Leukodystrophy in the Twitcher Mouse. <i>Stem Cells</i> , 2013, 31, 1523-1534.	3.2	22
132	Age of the Donor Reduces the Ability of Human Adipose-Derived Stem Cells to Alleviate Symptoms in the Experimental Autoimmune Encephalomyelitis Mouse Model. <i>Stem Cells Translational Medicine</i> , 2013, 2, 797-807.	3.3	72
133	MSC Studies in Large-Animal Models. , 2013, , 237-258.		0
134	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.	0.7	1,469
135	Can stem cells be used to generate new lungs? <i>Ex vivo</i> lung bioengineering with decellularized whole lung scaffolds. <i>Respirology</i> , 2013, 18, 895-911.	2.3	103
136	High-throughput screening of stem cell therapy for globoid cell leukodystrophy using automated neurophenotyping of twitcher mice. <i>Behavioural Brain Research</i> , 2013, 236, 35-47.	2.2	11
137	Cell-Surface Expression of Neuron-Glial Antigen 2 (NG2) and Melanoma Cell Adhesion Molecule (CD146) in Heterogeneous Cultures of Marrow-Derived Mesenchymal Stem Cells. <i>Tissue Engineering - Part A</i> , 2013, 19, 2253-2266.	3.1	40
138	Administration of Murine Stromal Vascular Fraction Ameliorates Chronic Experimental Autoimmune Encephalomyelitis. <i>Stem Cells Translational Medicine</i> , 2013, 2, 789-796.	3.3	66
139	Adipose-derived stromal/stem cells. <i>Organogenesis</i> , 2013, 9, 3-10.	1.2	90
140	Nonhuman Primate Lung Decellularization and Recellularization Using a Specialized Large-organ Bioreactor. <i>Journal of Visualized Experiments</i> , 2013, , e50825.	0.3	30
141	Obesity associated alterations in the biology of adipose stem cells mediate enhanced tumorigenesis by estrogen dependent pathways. <i>Breast Cancer Research</i> , 2013, 15, R102.	5.0	99
142	Differentiation of Human Adipose-derived Stem Cells along the Keratocyte Lineage In vitro. <i>Journal of Clinical & Experimental Ophthalmology</i> , 2013, 04, .	0.1	14
143	Adipose-Derived Stem Cells on Hyaluronic Acid-Derived Scaffold. <i>JAMA Ophthalmology</i> , 2012, 130, 202.	2.4	75
144	Obesity-Associated Dysregulation of Calpastatin and MMP-15 in Adipose-Derived Stromal Cells Results in their Enhanced Invasion. <i>Stem Cells</i> , 2012, 30, 2774-2783.	3.2	37

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145	Competitive DNA transfection formulation via electroporation for human adipose stem cells and mesenchymal stem cells. <i>Biological Procedures Online</i> , 2012, 14, 7.	2.9	11
146	A Nonhuman Primate Model of Lung Regeneration: Detergent-Mediated Decellularization and Initial <i>In Vitro</i> Recellularization with Mesenchymal Stem Cells. <i>Tissue Engineering - Part A</i> , 2012, 18, 2437-2452.	3.1	149
147	Mesenchymal stem cells as a novel vaccine platform. <i>Frontiers in Cellular and Infection Microbiology</i> , 2012, 2, 140.	3.9	21
148	Human adipose-derived cells: an update on the transition to clinical translation. <i>Regenerative Medicine</i> , 2012, 7, 225-235.	1.7	147
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