Kacey G Marra

List of Publications by Citations

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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.

172 papers	9,477 citations	55 h-index	93 g-index
183 ext. papers	10,352 ext. citations	4.8 avg, IF	6.3 L-index

#	Paper	IF	Citations
172	Injectable in situ forming biodegradable chitosan-hyaluronic acid based hydrogels for cartilage tissue engineering. *Biomaterials*, **2009**, 30, 2499-506	15.6	765
171	Injectable, Biodegradable Hydrogels for Tissue Engineering Applications. *Materials*, **2010**, 3, 1746-1767	3.5	448
170	Thermosensitive injectable hyaluronic acid hydrogel for adipose tissue engineering. *Biomaterials*, **2009**, 30, 6844-53	15.6	302
169	In vitro analysis of biodegradable polymer blend/hydroxyapatite composites for bone tissue engineering. *Journal of Biomedical Materials Research Part B*, **1999**, 47, 324-35		294
168	Biomaterials for the development of peripheral nerve guidance conduits. *Tissue Engineering - Part B: Reviews*, **2012**, 18, 40-50	7.9	268
167	Regional anatomic and age effects on cell function of human adipose-derived stem cells. *Annals of Plastic Surgery*, **2008**, 60, 538-44	1.7	238
166	Peptide-surface modification of poly(caprolactone) with laminin-derived sequences for adipose-derived stem cell applications. *Biomaterials*, **2006**, 27, 2962-9	15.6	225
165	Body image and quality of life in post massive weight loss body contouring patients. *Obesity*, **2006**, 14, 1626-36	8	191
164	Adipose stem cells: biology and clinical applications for tissue repair and regeneration. *Translational Research*, **2014**, 163, 399-408	11	181
163	Adipose-derived stem cells: Implications in tissue regeneration. *World Journal of Stem Cells*, **2014**, 6, 312-21	5.21	176
162	Adipose tissue engineering for soft tissue regeneration. *Tissue Engineering - Part B: Reviews*, **2010**, 16, 413-26	7.9	176
161	Controlled release of bioactive TGF-beta 1 from microspheres embedded within biodegradable hydrogels. *Biomaterials*, **2006**, 27, 1579-85	15.6	146
160	Comparison of harvest and processing techniques for fat grafting and adipose stem cell isolation. *Plastic and Reconstructive Surgery*, **2013**, 132, 351-361	2.7	142
159	Delivery of adipose-derived precursor cells for peripheral nerve repair. *Cell Transplantation*, **2009**, 18, 145-58	4	129
158	Synthesis and characterization of collagen/hyaluronan/chitosan composite sponges for potential biomedical applications. *Acta Biomaterialia*, **2009**, 5, 2591-600	10.8	128
157	Role of gender and anatomical region on induction of osteogenic differentiation of human adipose-derived stem cells. *Annals of Plastic Surgery*, **2008**, 60, 306-22	1.7	128
156	Adipose-derived stem cells for wound healing applications. *Annals of Plastic Surgery*, **2011**, 66, 210-5	1.7	120

155	The osteogenic potential of adipose-derived stem cells for the repair of rabbit calvarial defects. *Annals of Plastic Surgery*, **2006**, 56, 543-8	1.7	115
154	Direct synthesis of biodegradable polysaccharide derivative hydrogels through aqueous Diels-Alder chemistry. *Macromolecular Rapid Communications*, **2011**, 32, 905-11	4.8	113
153	Adipogenic potential of adipose stem cell subpopulations. *Plastic and Reconstructive Surgery*, **2011**, 128, 663-672	2.7	104
152	The potential of adipose-derived adult stem cells as a source of neuronal progenitor cells. *Plastic and Reconstructive Surgery*, **2005**, 116, 1453-60	2.7	104
151	Evaluation of a multi-layer adipose-derived stem cell sheet in a full-thickness wound healing model. *Acta Biomaterialia*, **2013**, 9, 5243-50	10.8	98
150	Chondrogenesis, bone morphogenetic protein-4 and mesenchymal stem cells. *Osteoarthritis and Cartilage*, **2008**, 16, 1121-30	6.2	97
149	Composition options for tissue-engineered bone. *Tissue Engineering*, **2002**, 8, 529-39		97
148	Application of platelet-rich plasma and platelet-rich fibrin in fat grafting: basic science and literature review. *Tissue Engineering - Part B: Reviews*, **2014**, 20, 267-76	7.9	96
147	Collagenous microbeads as a scaffold for tissue engineering with adipose-derived stem cells. *Plastic and Reconstructive Surgery*, **2007**, 120, 414-424	2.7	95
146	Chemical synthesis of poly(lactic-co-glycolic acid)/hydroxyapatite composites for orthopaedic applications. *Acta Biomaterialia*, **2006**, 2, 277-86	10.8	92
145	Chemical synthesis of hydroxyapatite/poly(ε-caprolactone) composites. *Materials Research Bulletin*, **2004**, 39, 417-432	5.1	90
144	Injectable in situ forming biodegradable chitosan-hyaluronic acid based hydrogels for adipose tissue regeneration. *Organogenesis*, **2010**, 6, 173-80	1.7	89
143	Multi-channeled biodegradable polymer/CultiSpher composite nerve guides. *Biomaterials*, **2004**, 25, 1269-78	7.8	86
142	Adipose-derived stem cells differentiate to keratocytes in vitro. *Molecular Vision*, **2010**, 16, 2680-9	2.3	85
141	Adipose-derived stems cells and their role in human cancer development, growth, progression, and metastasis: a systematic review. *Cancer Research*, **2015**, 75, 1161-8	10.1	82
140	Characterization of osteoblast-like behavior of cultured bone marrow stromal cells on various polymer surfaces. *Journal of Biomedical Materials Research Part B*, **2000**, 52, 279-84		79
139	Incorporation of double-walled microspheres into polymer nerve guides for the sustained delivery of glial cell line-derived neurotrophic factor. *Biomaterials*, **2010**, 31, 2313-22	15.6	78
138	Prevalence of endogenous CD34+ adipose stem cells predicts human fat graft retention in a xenograft model. *Plastic and Reconstructive Surgery*, **2013**, 132, 845-858	2.7	77

137	Diffusion of soluble factors through degradable polymer nerve guides: Controlling manufacturing parameters. *Acta Biomaterialia*, **2009**, 5, 2540-50	10.8	76
136	Controlled gelation and degradation rates of injectable hyaluronic acid-based hydrogels through a double crosslinking strategy. *Journal of Tissue Engineering and Regenerative Medicine*, **2011**, 5, 790-7	4.4	74
135	Effects of uniaxial cyclic strain on adipose-derived stem cell morphology, proliferation, and differentiation. *Biomechanics and Modeling in Mechanobiology*, **2007**, 6, 265-73	3.8	73
134	Adipose-derived mesenchymal stem cells: biology and potential applications. *Advances in Biochemical Engineering/Biotechnology*, **2013**, 129, 59-71	1.7	71
133	Bone morphogenetic protein 2 therapy for craniofacial surgery. *Journal of Craniofacial Surgery*, **2008**, 19, 1244-59	1.2	69
132	Silk fibroin conduits: a cellular and functional assessment of peripheral nerve repair. *Annals of Plastic Surgery*, **2011**, 66, 273-9	1.7	67
131	Adipose-derived stem cells for soft tissue reconstruction. *Regenerative Medicine*, **2009**, 4, 109-17	2.5	67
130	FGF-2 enhances vascularization for adipose tissue engineering. *Plastic and Reconstructive Surgery*, **2008**, 121, 1153-1164	2.7	66
129	Characterization of transplanted green fluorescent protein+ bone marrow cells into adipose tissue. *Stem Cells*, **2008**, 26, 330-8	5.8	64
128	Adipose stem cells: biology, safety, regulation, and regenerative potential. *Clinics in Plastic Surgery*, **2015**, 42, 169-79	3	63
127	Controlled in vivo degradation of genipin crosslinked polyethylene glycol hydrogels within osteochondral defects. *Tissue Engineering*, **2006**, 12, 2657-63		62
126	The role of adipose-derived stem cells in breast cancer progression and metastasis. *Stem Cells International*, **2015**, 2015, 120949	5	61
125	Comparison of biodegradable conduits within aged rat sciatic nerve defects. *Plastic and Reconstructive Surgery*, **2007**, 119, 1839-1851	2.7	61
124	Adipose- and Bone Marrow-Derived Mesenchymal Stem Cells Prolong Graft Survival in Vascularized Composite Allotransplantation. *Transplantation*, **2015**, 99, 1765-73	1.8	59
123	Adipose stem cell-based soft tissue regeneration. *Expert Opinion on Biological Therapy*, **2012**, 12, 155-63	5.4	57
122	Biodegradable poly(ethylene glycol) hydrogels crosslinked with genipin for tissue engineering applications. *Journal of Biomedical Materials Research Part B*, **2004**, 71, 181-7		57
121	Sustained growth factor delivery promotes axonal regeneration in long gap peripheral nerve repair. *Tissue Engineering - Part A*, **2011**, 17, 1263-75	3.9	56
120	Adipogenesis of human adipose-derived stem cells within three-dimensional hollow fiber-based bioreactors. *Tissue Engineering - Part C: Methods*, **2012**, 18, 54-61	2.9	55

119	Long-gap peripheral nerve repair through sustained release of a neurotrophic factor in nonhuman primates. *Science Translational Medicine*, **2020**, 12,	17.5	53
118	The Use of Silk as a Scaffold for Mature, Sustainable Unilocular Adipose 3D Tissue Engineered Systems. *Advanced Healthcare Materials*, **2016**, 5, 1667-77	10.1	53
117	Sustainable three-dimensional tissue model of human adipose tissue. *Tissue Engineering - Part C: Methods*, **2013**, 19, 745-54	2.9	51
116	Genipin enhances the mechanical properties of tissue-engineered cartilage and protects against inflammatory degradation when used as a medium supplement. *Journal of Biomedical Materials Research - Part A*, **2009**, 91, 692-700	5.4	51
115	Adipose stem cells for soft tissue regeneration. *Handchirurgie Mikrochirurgie Plastische Chirurgie*, **2010**, 42, 124-8	1.2	50
114	The Effects of Platelet-Rich Plasma on Cell Proliferation and Adipogenic Potential of Adipose-Derived Stem Cells. *Tissue Engineering - Part A*, **2015**, 21, 2714-22	3.9	49
113	Keratin gel filler for peripheral nerve repair in a rodent sciatic nerve injury model. *Plastic and Reconstructive Surgery*, **2012**, 129, 67-78	2.7	49
112	BMP-2-based repair of large-scale calvarial defects in an experimental model: regenerative surgery in cranioplasty. *Journal of Craniofacial Surgery*, **2008**, 19, 1315-22	1.2	49
111	Injectable silk foams for soft tissue regeneration. *Advanced Healthcare Materials*, **2015**, 4, 452-9	10.1	48
110	Spatially controlled delivery of neurotrophic factors in silk fibroin-based nerve conduits for peripheral nerve repair. *Annals of Plastic Surgery*, **2011**, 67, 147-55	1.7	47
109	Particle size in fat graft retention: A review on the impact of harvesting technique in lipofilling surgical outcomes. *Adipocyte*, **2014**, 3, 273-9	3.2	45
108	Controlled release of bioactive doxorubicin from microspheres embedded within gelatin scaffolds. *Journal of Biomedical Materials Research - Part A*, **2006**, 79, 954-62	5.4	45
107	The influence of polymer blend composition on the degradation of polymer/hydroxyapatite biomaterials. *Journal of Materials Science: Materials in Medicine*, **2001**, 12, 673-7	4.5	45
106	Characteristics and Immunomodulating Functions of Adipose-Derived and Bone Marrow-Derived Mesenchymal Stem Cells Across Defined Human Leukocyte Antigen Barriers. *Frontiers in Immunology*, **2018**, 9, 1642	8.4	44
105	Estrogen sulfotransferase inhibits adipocyte differentiation. *Molecular Endocrinology*, **2011**, 25, 1612-23		43
104	Protein bioactivity and polymer orientation is affected by stabilizer incorporation for double-walled microspheres. *Journal of Controlled Release*, **2010**, 141, 168-76	11.7	43
103	Regulation of alpha-smooth muscle actin protein expression in adipose-derived stem cells. *Cells Tissues Organs*, **2006**, 183, 80-6	2.1	43
102	Cardiomyogenic differentiation potential of human adipose precursor cells. *International Journal of Cardiology*, **2009**, 133, 399-401	3.2	40

101	Peptide modification of polyethersulfone surfaces to improve adipose-derived stem cell adhesion. *Acta Biomaterialia*, **2009**, 5, 1416-24	10.8	39
100	Sustained volume retention in vivo with adipocyte and lipoaspirate seeded silk scaffolds. *Biomaterials*, **2013**, 34, 2960-8	15.6	37
99	The use of adipose-derived stem cells as sheets for wound healing. *Organogenesis*, **2013**, 9, 79-81	1.7	37
98	Estrogen sulfotransferase/SULT1E1 promotes human adipogenesis. *Molecular and Cellular Biology*, **2014**, 34, 1682-94	4.8	35
97	A review of adipocyte lineage cells and dermal papilla cells in hair follicle regeneration. *Journal of Tissue Engineering*, **2014**, 5, 2041731414556850	7.5	35
96	Regenerative surgery in cranioplasty revisited: the role of adipose-derived stem cells and BMP-2. *Plastic and Reconstructive Surgery*, **2011**, 128, 1053-1060	2.7	35
95	Administration of adipose-derived stem cells enhances vascularity, induces collagen deposition, and dermal adipogenesis in burn wounds. *Burns*, **2016**, 42, 1212-22	2.3	34
94	Rabbit calvarial wound healing by means of seeded Caprotite scaffolds. *Journal of Dental Research*, **2003**, 82, 131-5	8.1	34
93	Injectable Allograft Adipose Matrix Supports Adipogenic Tissue Remodeling in the Nude Mouse and Human. *Plastic and Reconstructive Surgery*, **2019**, 143, 299e-309e	2.7	34
92	The Influence of Timing and Frequency of Adipose-Derived Mesenchymal Stem Cell Therapy on Immunomodulation Outcomes After Vascularized Composite Allotransplantation. *Transplantation*, **2017**, 101, e1-e11	1.8	33
91	Excimer laser channel creation in polyethersulfone hollow fibers for compartmentalized in vitro neuronal cell culture scaffolds. *Acta Biomaterialia*, **2008**, 4, 244-55	10.8	33
90	VEGF microsphere technology to enhance vascularization in fat grafting. *Annals of Plastic Surgery*, **2012**, 69, 213-9	1.7	32
89	Combining micro-computed tomography with histology to analyze biomedical implants for peripheral nerve repair. *Journal of Neuroscience Methods*, **2015**, 255, 122-30	3	31
88	Injectable systems and implantable conduits for peripheral nerve repair. *Biomedical Materials (Bristol)*, **2012**, 7, 024102	3.5	30
87	Initial observations on using magnesium metal in peripheral nerve repair. *Journal of Biomaterials Applications*, **2015**, 29, 1145-54	2.9	29
86	Novel multiarm PEG-based hydrogels for tissue engineering. *Journal of Biomedical Materials Research - Part A*, **2010**, 92, 979-87	5.4	29
85	Design and Synthesis of Hydroxyapatite Composites Containing an mPEG□Dendritic Poly(l-lysine) Star Polycaprolactone. *Macromolecules*, **2004**, 37, 8959-8966	5.5	29
84	Atomic Force Microscopy Studies of Hydration of Fluorinated Amide/Urethane Copolymer Film Surfaces. *Langmuir*, **1998**, 14, 3976-3982	4	29

83	Adipose stem cell differentiation into smooth muscle cells. *Methods in Molecular Biology*, **2011**, 702, 261-84	1.4	27
82	Encapsulation of adipogenic factors to promote differentiation of adipose-derived stem cells. *Journal of Drug Targeting*, **2009**, 17, 207-15	5.4	27
81	A novel perfluoroelastomer seeded with adipose-derived stem cells for soft-tissue repair. *Plastic and Reconstructive Surgery*, **2006**, 118, 1132-1142	2.7	27
80	Sustained low-dose dexamethasone delivery via a PLGA microsphere-embedded agarose implant for enhanced osteochondral repair. *Acta Biomaterialia*, **2020**, 102, 326-340	10.8	27
79	Oncologic Safety of Fat Grafting for Autologous Breast Reconstruction in an Animal Model of Residual Breast Cancer. *Plastic and Reconstructive Surgery*, **2019**, 143, 103-112	2.7	26
78	Delivery of adipose-derived stem cells in poloxamer hydrogel improves peripheral nerve regeneration. *Muscle and Nerve*, **2018**, 58, 251-260	3.4	25
77	The Architecture of Fat Grafting: What Lies beneath the Surface. *Plastic and Reconstructive Surgery*, **2016**, 137, 1072-1079	2.7	25
76	Surface studies of coated polymer microspheres and protein release from tissue-engineered scaffolds. *Journal of Biomaterials Science, Polymer Edition*, **2002**, 13, 141-51	3.5	25
75	Expression analysis of human adipose-derived stem cells during in vitro differentiation to an adipocyte lineage. *BMC Medical Genomics*, **2015**, 8, 41	3.7	24
74	Adipose tissue regeneration. *Current Stem Cell Research and Therapy*, **2010**, 5, 116-21	3.6	24
73	Incorporation of polymer microspheres within fibrin scaffolds for the controlled delivery of FGF-1. *Journal of Biomaterials Science, Polymer Edition*, **2004**, 15, 1327-36	3.5	24
72	Single Implantable FK506 Disk Prevents Rejection in Vascularized Composite Allotransplantation. *Plastic and Reconstructive Surgery*, **2017**, 139, 403e-414e	2.7	23
71	An Animal Model of Local Breast Cancer Recurrence in the Setting of Autologous Fat Grafting for Breast Reconstruction. *Stem Cells Translational Medicine*, **2018**, 7, 125-134	6.9	23
70	Using PC12 cells to evaluate poly(caprolactone) and collagenous microcarriers for applications in nerve guide fabrication. *Biotechnology Progress*, **2003**, 19, 1767-74	2.8	23
69	Delivery of chondroitinase ABC and glial cell line-derived neurotrophic factor from silk fibroin conduits enhances peripheral nerve regeneration. *Journal of Tissue Engineering and Regenerative Medicine*, **2017**, 11, 733-742	4.4	22
68	Short and long gap peripheral nerve repair with magnesium metal filaments. *Journal of Biomedical Materials Research - Part A*, **2017**, 105, 3148-3158	5.4	22
67	Current Therapeutic Strategies for Adipose Tissue Defects/Repair Using Engineered Biomaterials and Biomolecule Formulations. *Frontiers in Pharmacology*, **2018**, 9, 507	5.6	20
66	Optimization and Standardization of the Immunodeficient Mouse Model for Assessing Fat Grafting Outcomes. *Plastic and Reconstructive Surgery*, **2017**, 140, 1185-1194	2.7	20

65	The Architecture of Fat Grafting II: Impact of Cannula Diameter. *Plastic and Reconstructive Surgery*, **2018**, 142, 1219-1225	2.7	20
64	Healing of grafted adipose tissue: current clinical applications of adipose-derived stem cells for breast and face reconstruction. *Wound Repair and Regeneration*, **2014**, 22 Suppl 1, 11-3	3.6	19
63	Effects of immunosuppressive drugs on viability and susceptibility of adipose- and bone marrow-derived mesenchymal stem cells. *Frontiers in Immunology*, **2015**, 6, 131	8.4	18
62	Soft tissue reconstruction. *Methods in Molecular Biology*, **2011**, 702, 395-400	1.4	17
61	Biomechanical properties of the superficial fascial system. *Aesthetic Surgery Journal*, **2006**, 26, 395-403	2.4	17
60	Adipose Stem Cell Function Maintained with Age: An Intra-Subject Study of Long-Term Cryopreserved Cells. *Aesthetic Surgery Journal*, **2017**, 37, 454-463	2.4	17
59	Dexamethasone Release from Within Engineered Cartilage as a Chondroprotective Strategy Against Interleukin-1 *Tissue Engineering - Part A*, **2016**, 22, 621-32	3.9	15
58	Analysis of type II diabetes mellitus adipose-derived stem cells for tissue engineering applications. *Journal of Tissue Engineering*, **2015**, 6, 2041731415579215	7.5	15
57	Synergistic lithium chloride and glial cell line-derived neurotrophic factor delivery for peripheral nerve repair in a rodent sciatic nerve injury model. *Plastic and Reconstructive Surgery*, **2013**, 132, 251e-262e	2.7	15
56	The potential of adipose-derived stem cells in craniofacial repair and regeneration. *Birth Defects Research Part C: Embryo Today Reviews*, **2012**, 96, 95-7		14
55	Novel three Dimensional Biodegradable Scaffolds for Bone Tissue Engineering. *Materials Research Society Symposia Proceedings*, **1998**, 550, 155		14
54	Determination of Low Critical Surface Tensions of Novel Fluorinated Poly(amide urethane) Block Copolymers. 3. Siloxane-Containing Side Chains. *Macromolecules*, **1996**, 29, 7553-7558	5.5	14
53	Adipose stem cells enhance excisional wound healing in a porcine model. *Journal of Surgical Research*, **2018**, 229, 243-253	2.5	13
52	The role of adipose-derived stem cells in endometrial cancer proliferation. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2014**, 244, 54-8; discussion 57-8	2	13
51	Adipose stem cell therapy for soft tissue reconstruction. *Lancet, The*, **2013**, 382, 1077-9	40	12
50	A novel injectable hydrogel in combination with a surgical sealant in a rat knee osteochondral defect model. *Knee Surgery, Sports Traumatology, Arthroscopy*, **2009**, 17, 1326-31	5.5	12
49	Adipose-derived stem cells integrate into trabecular meshwork with glaucoma treatment potential. *FASEB Journal*, **2020**, 34, 7160-7177	0.9	11
48	Calcium aluminate, RGD-modified calcium aluminate, and beta-tricalcium phosphate implants in a calvarial defect. *Journal of Craniofacial Surgery*, **2009**, 20, 1538-43	1.2	11

47	The role of chondroitinase as an adjuvant to peripheral nerve repair. *Cells Tissues Organs*, **2014**, 200, 59-68	2.1	10
46	An exploratory study on the preparation and evaluation of a "same-day" adipose stem cell-based tissue-engineered vascular graft. *Journal of Thoracic and Cardiovascular Surgery*, **2018**, 156, 1814-1822.e3	1.5	10
45	Adipogenic factor-loaded microspheres increase retention of transplanted adipose tissue. *Tissue Engineering - Part A*, **2014**, 20, 2283-90	3.9	10
44	Imaging the Stromal Vascular Fraction during Soft-Tissue Reconstruction. *Plastic and Reconstructive Surgery*, **2015**, 136, 1205-1215	2.7	10
43	Amputation-Site Soft-Tissue Restoration Using Adipose Stem Cell Therapy. *Plastic and Reconstructive Surgery*, **2018**, 142, 1349-1352	2.7	10
42	Adipose derived delivery vehicle for encapsulated adipogenic factors. *Acta Biomaterialia*, **2017**, 58, 26-33	10.8	9
41	Controlled dexamethasone delivery via double-walled microspheres to enhance long-term adipose tissue retention. *Journal of Tissue Engineering*, **2017**, 8, 2041731417735402	7.5	9
40	Evaluation of Porcine Versus Human Mesenchymal Stromal Cells From Three Distinct Donor Locations for Cytotherapy. *Frontiers in Immunology*, **2020**, 11, 826	8.4	9
39	Polymeric biomaterials for nerve regeneration: fabrication and implantation of a biodegradable nerve guide. *Methods in Molecular Biology*, **2014**, 1162, 139-48	1.4	9
38	Adipose-derived stem cells delay muscle atrophy after peripheral nerve injury in the rodent model. *Muscle and Nerve*, **2019**, 59, 603-610	3.4	8
37	Synthesis and characterization of magnesium gluconate contained poly(lactic-co-glycolic acid)/chitosan microspheres. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2016**, 203, 59-66	3.1	8
36	Bioreactors addressing diabetes mellitus. *Journal of Diabetes Science and Technology*, **2014**, 8, 1227-32	4.1	7
35	Leporine-derived adipose precursor cells exhibit in vitro osteogenic potential. *Journal of Craniofacial Surgery*, **2008**, 19, 360-8	1.2	7
34	Improved Estimation of Ultrasound Thermal Strain Using Pulse Inversion Harmonic Imaging. *Ultrasound in Medicine and Biology*, **2016**, 42, 1182-92	3.5	7
33	The Future of Facial Fat Grafting. *Journal of Craniofacial Surgery*, **2019**, 30, 644-651	1.2	7
32	Adipose Stem Cells Enhance Nerve Regeneration and Muscle Function in a Peroneal Nerve Ablation Model. *Tissue Engineering - Part A*, **2021**, 27, 297-310	3.9	7
31	Abnormal Vessel Architecture Persists in the Microvasculature of the Massive Weight Loss Patient. *Plastic and Reconstructive Surgery*, **2016**, 137, 24e-30e	2.7	5
30	Three-Dimensional Adipocyte Culture: The Next Frontier for Adipocyte Biology Discovery. *Endocrinology*, **2015**, 156, 4375-6	4.8	5

29	Changing the Paradigm of Craniofacial Reconstruction: A Prospective Clinical Trial of Autologous Fat Transfer for Craniofacial Deformities. *Annals of Surgery*, **2021**, 273, 1004-1011	7.8	5
28	Scientific basis for the use of hypotonic solutions with ultrasonic liposuction. *Aesthetic Plastic Surgery*, **2006**, 30, 233-8	2	4
27	Design and Fabrication of an Automatable, 3D Printed Perfusion Device for Tissue Infusion and Perfusion Engineering. *Tissue Engineering - Part A*, **2020**, 26, 253-264	3.9	4
26	Exogenous connective tissue growth factor preserves the hair-inductive ability of human dermal papilla cells. *International Journal of Cosmetic Science*, **2014**, 36, 442-50	2.7	3
25	The role of steroids in mesenchymal stem cell differentiation: molecular and clinical perspectives. *Hormone Molecular Biology and Clinical Investigation*, **2013**, 14, 3-14	1.3	3
24	Commentary. Cell-assisted lipotransfer (CAL). *Aesthetic Surgery Journal*, **2010**, 30, 82	2.4	3
23	Biodegradable silk catheters for the delivery of therapeutics across anatomical repair sites. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2019**, 107, 501-510	3.5	3
22	Soft Tissue Reconstruction. *Methods in Molecular Biology*, **2018**, 1773, 203-213	1.4	2
21	Abstract 128: developing tumor-suppressing autologous fat grafts for breast cancer survivors. *Plastic and Reconstructive Surgery*, **2014**, 133, 144-145	2.7	2
20	Sustained Delivery of SB-431542, a Type I Transforming Growth Factor Beta-1 Receptor Inhibitor, to Prevent Arthrofibrosis. *Tissue Engineering - Part A*, **2021**, 27, 1411-1421	3.9	2
19	Mesenchymal and Adipose Stem Cell Strategies for Peripheral Nerve Regeneration. *Pancreatic Islet Biology*, **2015**, 329-360	0.4	1
18	Controlling Hydrogel Biodegradability **2016**, 131-173		1
17	Inflammatory biomarker in adipose stem cells of women with endometrial cancer. *Biomarkers in Medicine*, **2018**, 12, 945-952	2.3	0
16	Adipose Tissue Engineering **2015**, 603-609		
15	Abstract 130: Platelet-Rich Plasma Promotes Fat Graft Survival via Stemness and Angiogenesis on Adipose-derived Stem Cells. *Plastic and Reconstructive Surgery*, **2014**, 133, 146-147	2.7	
14	Regenerative Medicine Therapies Using Adipose-Derived Stem Cells **2015**, 335-344		
13	Comparison of biodegradable conduits within aged rat sciatic nerve defects. *Plastic and Reconstructive Surgery*, **2008**, 121, 706-707	2.7	
12	Biodegradable Polymers and Microspheres in Tissue Engineering **2004**, 149-165		

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11	Tissue Engineering of Craniofacial Structure **2005**, 455-472	
10	Controlled in Vivo Degradation of Genipin Crosslinked Polyethylene Glycol Hydrogels within Osteochondral Defects. *Tissue Engineering*, **2006**, 060810081933001	
9	Controlledin VivoDegradation of Genipin Crosslinked Polyethylene Glycol Hydrogels within Osteochondral Defects. *Tissue Engineering*, **2006**, 060913044658007	
8	Estrogen sulfotransferase(est/sult1e1) promotes human adipogenesis (LB606). *FASEB Journal*, **2014**, 28, LB606	0.9
7	Nerve Guides: Multi-Channeled Biodegradable Polymer Composite5658-5677	
6	Craniofacial Tissue Engineering2218-2229	
5	Nerve Guides: Multi-Channeled Biodegradable Polymer Composite **2017**, 1235-1254	
4	Adipose Tissue as a Plentiful Source of Stem Cells for Regenerative Medicine Therapies **2016**, 241-250	
3	Intramuscular injection of skeletal muscle derived extracellular matrix mitigates denervation atrophy after sciatic nerve transection. *Journal of Tissue Engineering*, **2021**, 12, 20417314211032491	7.5
2	Adipose Tissue-Derived Stem Cells: Sources and Therapeutic Applications **2018**, 45-45	
1	Adipose stem cells for peripheral nerve engineering **2022**, 427-457	