

Kacey G Marra

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6432970/kacey-g-marra-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Adipose stem cells for peripheral nerve engineering 2022 , 427-457		
171	Sustained Delivery of SB-431542, a Type I Transforming Growth Factor Beta-1 Receptor Inhibitor, to Prevent Arthrofibrosis. <i>Tissue Engineering - Part A</i> , 2021 , 27, 1411-1421	3.9	2
170	Adipose Stem Cells Enhance Nerve Regeneration and Muscle Function in a Peroneal Nerve Ablation Model. <i>Tissue Engineering - Part A</i> , 2021 , 27, 297-310	3.9	7
169	Changing the Paradigm of Craniofacial Reconstruction: A Prospective Clinical Trial of Autologous Fat Transfer for Craniofacial Deformities. <i>Annals of Surgery</i> , 2021 , 273, 1004-1011	7.8	5
168	Intramuscular injection of skeletal muscle derived extracellular matrix mitigates denervation atrophy after sciatic nerve transection. <i>Journal of Tissue Engineering</i> , 2021 , 12, 20417314211032491	7.5	
167	Long-gap peripheral nerve repair through sustained release of a neurotrophic factor in nonhuman primates. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	53
166	Adipose-derived stem cells integrate into trabecular meshwork with glaucoma treatment potential. <i>FASEB Journal</i> , 2020 , 34, 7160-7177	0.9	11
165	Evaluation of Porcine Versus Human Mesenchymal Stromal Cells From Three Distinct Donor Locations for Cytotherapy. <i>Frontiers in Immunology</i> , 2020 , 11, 826	8.4	9
164	Design and Fabrication of an Automatable, 3D Printed Perfusion Device for Tissue Infusion and Perfusion Engineering. <i>Tissue Engineering - Part A</i> , 2020 , 26, 253-264	3.9	4
163	Sustained low-dose dexamethasone delivery via a PLGA microsphere-embedded agarose implant for enhanced osteochondral repair. <i>Acta Biomaterialia</i> , 2020 , 102, 326-340	10.8	27
162	Adipose-derived stem cells delay muscle atrophy after peripheral nerve injury in the rodent model. <i>Muscle and Nerve</i> , 2019 , 59, 603-610	3.4	8
161	The Future of Facial Fat Grafting. <i>Journal of Craniofacial Surgery</i> , 2019 , 30, 644-651	1.2	7
160	Oncologic Safety of Fat Grafting for Autologous Breast Reconstruction in an Animal Model of Residual Breast Cancer. <i>Plastic and Reconstructive Surgery</i> , 2019 , 143, 103-112	2.7	26
159	Injectable Allograft Adipose Matrix Supports Adipogenic Tissue Remodeling in the Nude Mouse and Human. <i>Plastic and Reconstructive Surgery</i> , 2019 , 143, 299e-309e	2.7	34
158	Biodegradable silk catheters for the delivery of therapeutics across anatomical repair sites. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019 , 107, 501-510	3.5	3
157	Soft Tissue Reconstruction. <i>Methods in Molecular Biology</i> , 2018 , 1773, 203-213	1.4	2
156	Delivery of adipose-derived stem cells in poloxamer hydrogel improves peripheral nerve regeneration. <i>Muscle and Nerve</i> , 2018 , 58, 251-260	3.4	25

155	An Animal Model of Local Breast Cancer Recurrence in the Setting of Autologous Fat Grafting for Breast Reconstruction. <i>Stem Cells Translational Medicine</i> , 2018 , 7, 125-134	6.9	23
154	Current Therapeutic Strategies for Adipose Tissue Defects/Repair Using Engineered Biomaterials and Biomolecule Formulations. <i>Frontiers in Pharmacology</i> , 2018 , 9, 507	5.6	20
153	An exploratory study on the preparation and evaluation of a "same-day" adipose stem cell-based tissue-engineered vascular graft. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018 , 156, 1814-1822.e3	1.5	10
152	Inflammatory biomarker in adipose stem cells of women with endometrial cancer. <i>Biomarkers in Medicine</i> , 2018 , 12, 945-952	2.3	0
151	Characteristics and Immunomodulating Functions of Adipose-Derived and Bone Marrow-Derived Mesenchymal Stem Cells Across Defined Human Leukocyte Antigen Barriers. <i>Frontiers in Immunology</i> , 2018 , 9, 1642	8.4	44
150	Adipose stem cells enhance excisional wound healing in a porcine model. <i>Journal of Surgical Research</i> , 2018 , 229, 243-253	2.5	13
149	The Architecture of Fat Grafting II: Impact of Cannula Diameter. <i>Plastic and Reconstructive Surgery</i> , 2018 , 142, 1219-1225	2.7	20
148	Amputation-Site Soft-Tissue Restoration Using Adipose Stem Cell Therapy. <i>Plastic and Reconstructive Surgery</i> , 2018 , 142, 1349-1352	2.7	10
147	Adipose Tissue-Derived Stem Cells: Sources and Therapeutic Applications 2018 , 45-45		
146	Delivery of chondroitinase ABC and glial cell line-derived neurotrophic factor from silk fibroin conduits enhances peripheral nerve regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 733-742	4.4	22
145	Single Implantable FK506 Disk Prevents Rejection in Vascularized Composite Allotransplantation. <i>Plastic and Reconstructive Surgery</i> , 2017 , 139, 403e-414e	2.7	23
144	The Influence of Timing and Frequency of Adipose-Derived Mesenchymal Stem Cell Therapy on Immunomodulation Outcomes After Vascularized Composite Allotransplantation. <i>Transplantation</i> , 2017 , 101, e1-e11	1.8	33
143	Adipose derived delivery vehicle for encapsulated adipogenic factors. <i>Acta Biomaterialia</i> , 2017 , 58, 26-33	10.8	9
142	Controlled dexamethasone delivery via double-walled microspheres to enhance long-term adipose tissue retention. <i>Journal of Tissue Engineering</i> , 2017 , 8, 2041731417735402	7.5	9
141	Short and long gap peripheral nerve repair with magnesium metal filaments. <i>Journal of Biomedical Materials Research - Part A</i> , 2017 , 105, 3148-3158	5.4	22
140	Optimization and Standardization of the Immunodeficient Mouse Model for Assessing Fat Grafting Outcomes. <i>Plastic and Reconstructive Surgery</i> , 2017 , 140, 1185-1194	2.7	20
139	Nerve Guides: Multi-Channeled Biodegradable Polymer Composite 2017 , 1235-1254		
138	Adipose Stem Cell Function Maintained with Age: An Intra-Subject Study of Long-Term Cryopreserved Cells. <i>Aesthetic Surgery Journal</i> , 2017 , 37, 454-463	2.4	17

137	Administration of adipose-derived stem cells enhances vascularity, induces collagen deposition, and dermal adipogenesis in burn wounds. <i>Burns</i> , 2016 , 42, 1212-22	2.3	34
136	The Architecture of Fat Grafting: What Lies beneath the Surface. <i>Plastic and Reconstructive Surgery</i> , 2016 , 137, 1072-1079	2.7	25
135	Abnormal Vessel Architecture Persists in the Microvasculature of the Massive Weight Loss Patient. <i>Plastic and Reconstructive Surgery</i> , 2016 , 137, 24e-30e	2.7	5
134	Controlling Hydrogel Biodegradability 2016 , 131-173		1
133	Dexamethasone Release from Within Engineered Cartilage as a Chondroprotective Strategy Against Interleukin-1 β <i>Tissue Engineering - Part A</i> , 2016 , 22, 621-32	3.9	15
132	Synthesis and characterization of magnesium gluconate contained poly(lactic-co-glycolic acid)/chitosan microspheres. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2016 , 203, 59-66	3.1	8
131	The Use of Silk as a Scaffold for Mature, Sustainable Unilocular Adipose 3D Tissue Engineered Systems. <i>Advanced Healthcare Materials</i> , 2016 , 5, 1667-77	10.1	53
130	Improved Estimation of Ultrasound Thermal Strain Using Pulse Inversion Harmonic Imaging. <i>Ultrasound in Medicine and Biology</i> , 2016 , 42, 1182-92	3.5	7
129	Adipose Tissue as a Plentiful Source of Stem Cells for Regenerative Medicine Therapies 2016 , 241-250		
128	Mesenchymal and Adipose Stem Cell Strategies for Peripheral Nerve Regeneration. <i>Pancreatic Islet Biology</i> , 2015 , 329-360	0.4	1
127	Adipose-derived stems cells and their role in human cancer development, growth, progression, and metastasis: a systematic review. <i>Cancer Research</i> , 2015 , 75, 1161-8	10.1	82
126	Adipose stem cells: biology, safety, regulation, and regenerative potential. <i>Clinics in Plastic Surgery</i> , 2015 , 42, 169-79	3	63
125	The Effects of Platelet-Rich Plasma on Cell Proliferation and Adipogenic Potential of Adipose-Derived Stem Cells. <i>Tissue Engineering - Part A</i> , 2015 , 21, 2714-22	3.9	49
124	Expression analysis of human adipose-derived stem cells during in vitro differentiation to an adipocyte lineage. <i>BMC Medical Genomics</i> , 2015 , 8, 41	3.7	24
123	Combining micro-computed tomography with histology to analyze biomedical implants for peripheral nerve repair. <i>Journal of Neuroscience Methods</i> , 2015 , 255, 122-30	3	31
122	Adipose Tissue Engineering 2015 , 603-609		
121	Injectable silk foams for soft tissue regeneration. <i>Advanced Healthcare Materials</i> , 2015 , 4, 452-9	10.1	48
120	Initial observations on using magnesium metal in peripheral nerve repair. <i>Journal of Biomaterials Applications</i> , 2015 , 29, 1145-54	2.9	29

119	Analysis of type II diabetes mellitus adipose-derived stem cells for tissue engineering applications. <i>Journal of Tissue Engineering</i> , 2015 , 6, 2041731415579215	7.5	15
118	Imaging the Stromal Vascular Fraction during Soft-Tissue Reconstruction. <i>Plastic and Reconstructive Surgery</i> , 2015 , 136, 1205-1215	2.7	10
117	Adipose- and Bone Marrow-Derived Mesenchymal Stem Cells Prolong Graft Survival in Vascularized Composite Allotransplantation. <i>Transplantation</i> , 2015 , 99, 1765-73	1.8	59
116	Effects of immunosuppressive drugs on viability and susceptibility of adipose- and bone marrow-derived mesenchymal stem cells. <i>Frontiers in Immunology</i> , 2015 , 6, 131	8.4	18
115	The role of adipose-derived stem cells in breast cancer progression and metastasis. <i>Stem Cells International</i> , 2015 , 2015, 120949	5	61
114	Three-Dimensional Adipocyte Culture: The Next Frontier for Adipocyte Biology Discovery. <i>Endocrinology</i> , 2015 , 156, 4375-6	4.8	5
113	Regenerative Medicine Therapies Using Adipose-Derived Stem Cells 2015 , 335-344		
112	The role of chondroitinase as an adjuvant to peripheral nerve repair. <i>Cells Tissues Organs</i> , 2014 , 200, 59-68	11	10
111	Adipose stem cells: biology and clinical applications for tissue repair and regeneration. <i>Translational Research</i> , 2014 , 163, 399-408	11	181
110	Application of platelet-rich plasma and platelet-rich fibrin in fat grafting: basic science and literature review. <i>Tissue Engineering - Part B: Reviews</i> , 2014 , 20, 267-76	7.9	96
109	Adipogenic factor-loaded microspheres increase retention of transplanted adipose tissue. <i>Tissue Engineering - Part A</i> , 2014 , 20, 2283-90	3.9	10
108	The role of adipose-derived stem cells in endometrial cancer proliferation. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2014 , 244, 54-8; discussion 57-8	2	13
107	Bioreactors addressing diabetes mellitus. <i>Journal of Diabetes Science and Technology</i> , 2014 , 8, 1227-32	4.1	7
106	Estrogen sulfotransferase/SULT1E1 promotes human adipogenesis. <i>Molecular and Cellular Biology</i> , 2014 , 34, 1682-94	4.8	35
105	Exogenous connective tissue growth factor preserves the hair-inductive ability of human dermal papilla cells. <i>International Journal of Cosmetic Science</i> , 2014 , 36, 442-50	2.7	3
104	A review of adipocyte lineage cells and dermal papilla cells in hair follicle regeneration. <i>Journal of Tissue Engineering</i> , 2014 , 5, 2041731414556850	7.5	35
103	Abstract 128: developing tumor-suppressing autologous fat grafts for breast cancer survivors. <i>Plastic and Reconstructive Surgery</i> , 2014 , 133, 144-145	2.7	2
102	Abstract 130: Platelet-Rich Plasma Promotes Fat Graft Survival via Stemness and Angiogenesis on Adipose-derived Stem Cells. <i>Plastic and Reconstructive Surgery</i> , 2014 , 133, 146-147	2.7	

101	Adipose-derived stem cells: Implications in tissue regeneration. <i>World Journal of Stem Cells</i> , 2014 , 6, 312-21	5.1	176
100	Healing of grafted adipose tissue: current clinical applications of adipose-derived stem cells for breast and face reconstruction. <i>Wound Repair and Regeneration</i> , 2014 , 22 Suppl 1, 11-3	3.6	19
99	Particle size in fat graft retention: A review on the impact of harvesting technique in lipofilling surgical outcomes. <i>Adipocyte</i> , 2014 , 3, 273-9	3.2	45
98	Polymeric biomaterials for nerve regeneration: fabrication and implantation of a biodegradable nerve guide. <i>Methods in Molecular Biology</i> , 2014 , 1162, 139-48	1.4	9
97	Estrogen sulfotransferase(est/sult1e1) promotes human adipogenesis (LB606). <i>FASEB Journal</i> , 2014 , 28, LB606	0.9	
96	Evaluation of a multi-layer adipose-derived stem cell sheet in a full-thickness wound healing model. <i>Acta Biomaterialia</i> , 2013 , 9, 5243-50	10.8	98
95	Adipose stem cell therapy for soft tissue reconstruction. <i>Lancet, The</i> , 2013 , 382, 1077-9	4.0	12
94	Sustained volume retention in vivo with adipocyte and lipoaspirate seeded silk scaffolds. <i>Biomaterials</i> , 2013 , 34, 2960-8	15.6	37
93	Adipose-derived mesenchymal stem cells: biology and potential applications. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2013 , 129, 59-71	1.7	71
92	Sustainable three-dimensional tissue model of human adipose tissue. <i>Tissue Engineering - Part C: Methods</i> , 2013 , 19, 745-54	2.9	51
91	The role of steroids in mesenchymal stem cell differentiation: molecular and clinical perspectives. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2013 , 14, 3-14	1.3	3
90	The use of adipose-derived stem cells as sheets for wound healing. <i>Organogenesis</i> , 2013 , 9, 79-81	1.7	37
89	Comparison of harvest and processing techniques for fat grafting and adipose stem cell isolation. <i>Plastic and Reconstructive Surgery</i> , 2013 , 132, 351-361	2.7	142
88	Synergistic lithium chloride and glial cell line-derived neurotrophic factor delivery for peripheral nerve repair in a rodent sciatic nerve injury model. <i>Plastic and Reconstructive Surgery</i> , 2013 , 132, 251e-262e	2.7	15
87	Prevalence of endogenous CD34+ adipose stem cells predicts human fat graft retention in a xenograft model. <i>Plastic and Reconstructive Surgery</i> , 2013 , 132, 845-858	2.7	77
86	Injectable systems and implantable conduits for peripheral nerve repair. <i>Biomedical Materials (Bristol)</i> , 2012 , 7, 024102	3.5	30
85	Adipose stem cell-based soft tissue regeneration. <i>Expert Opinion on Biological Therapy</i> , 2012 , 12, 155-63	5.4	57
84	Biomaterials for the development of peripheral nerve guidance conduits. <i>Tissue Engineering - Part B: Reviews</i> , 2012 , 18, 40-50	7.9	268

83	The potential of adipose-derived stem cells in craniofacial repair and regeneration. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2012 , 96, 95-7		14
82	Adipogenesis of human adipose-derived stem cells within three-dimensional hollow fiber-based bioreactors. <i>Tissue Engineering - Part C: Methods</i> , 2012 , 18, 54-61	2.9	55
81	Keratin gel filler for peripheral nerve repair in a rodent sciatic nerve injury model. <i>Plastic and Reconstructive Surgery</i> , 2012 , 129, 67-78	2.7	49
80	VEGF microsphere technology to enhance vascularization in fat grafting. <i>Annals of Plastic Surgery</i> , 2012 , 69, 213-9	1.7	32
79	Sustained growth factor delivery promotes axonal regeneration in long gap peripheral nerve repair. <i>Tissue Engineering - Part A</i> , 2011 , 17, 1263-75	3.9	56
78	Adipogenic potential of adipose stem cell subpopulations. <i>Plastic and Reconstructive Surgery</i> , 2011 , 128, 663-672	2.7	104
77	Spatially controlled delivery of neurotrophic factors in silk fibroin-based nerve conduits for peripheral nerve repair. <i>Annals of Plastic Surgery</i> , 2011 , 67, 147-55	1.7	47
76	Silk fibroin conduits: a cellular and functional assessment of peripheral nerve repair. <i>Annals of Plastic Surgery</i> , 2011 , 66, 273-9	1.7	67
75	Adipose-derived stem cells for wound healing applications. <i>Annals of Plastic Surgery</i> , 2011 , 66, 210-5	1.7	120
74	Regenerative surgery in cranioplasty revisited: the role of adipose-derived stem cells and BMP-2. <i>Plastic and Reconstructive Surgery</i> , 2011 , 128, 1053-1060	2.7	35
73	Adipose stem cell differentiation into smooth muscle cells. <i>Methods in Molecular Biology</i> , 2011 , 702, 261-84	1.4	27
72	Controlled gelation and degradation rates of injectable hyaluronic acid-based hydrogels through a double crosslinking strategy. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011 , 5, 790-7	4.4	74
71	Direct synthesis of biodegradable polysaccharide derivative hydrogels through aqueous Diels-Alder chemistry. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 905-11	4.8	113
70	Estrogen sulfotransferase inhibits adipocyte differentiation. <i>Molecular Endocrinology</i> , 2011 , 25, 1612-23		43
69	Soft tissue reconstruction. <i>Methods in Molecular Biology</i> , 2011 , 702, 395-400	1.4	17
68	Adipose tissue engineering for soft tissue regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2010 , 16, 413-26	7.9	176
67	Injectable in situ forming biodegradable chitosan-hyaluronic acid based hydrogels for adipose tissue regeneration. <i>Organogenesis</i> , 2010 , 6, 173-80	1.7	89
66	Commentary. Cell-assisted lipotransfer (CAL). <i>Aesthetic Surgery Journal</i> , 2010 , 30, 82	2.4	3

65	Adipose stem cells for soft tissue regeneration. <i>Handchirurgie Mikrochirurgie Plastische Chirurgie</i> , 2010 , 42, 124-8	1.2	50
64	Novel multiarm PEG-based hydrogels for tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 92, 979-87	5.4	29
63	Adipose tissue regeneration. <i>Current Stem Cell Research and Therapy</i> , 2010 , 5, 116-21	3.6	24
62	Incorporation of double-walled microspheres into polymer nerve guides for the sustained delivery of glial cell line-derived neurotrophic factor. <i>Biomaterials</i> , 2010 , 31, 2313-22	15.6	78
61	Protein bioactivity and polymer orientation is affected by stabilizer incorporation for double-walled microspheres. <i>Journal of Controlled Release</i> , 2010 , 141, 168-76	11.7	43
60	Adipose-derived stem cells differentiate to keratocytes in vitro. <i>Molecular Vision</i> , 2010 , 16, 2680-9	2.3	85
59	Injectable, Biodegradable Hydrogels for Tissue Engineering Applications. <i>Materials</i> , 2010 , 3, 1746-1767	3.5	448
58	Encapsulation of adipogenic factors to promote differentiation of adipose-derived stem cells. <i>Journal of Drug Targeting</i> , 2009 , 17, 207-15	5.4	27
57	Genipin enhances the mechanical properties of tissue-engineered cartilage and protects against inflammatory degradation when used as a medium supplement. <i>Journal of Biomedical Materials Research - Part A</i> , 2009 , 91, 692-700	5.4	51
56	Injectable in situ forming biodegradable chitosan-hyaluronic acid based hydrogels for cartilage tissue engineering. <i>Biomaterials</i> , 2009 , 30, 2499-506	15.6	765
55	A novel injectable hydrogel in combination with a surgical sealant in a rat knee osteochondral defect model. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009 , 17, 1326-31	5.5	12
54	Thermosensitive injectable hyaluronic acid hydrogel for adipose tissue engineering. <i>Biomaterials</i> , 2009 , 30, 6844-53	15.6	302
53	Peptide modification of polyethersulfone surfaces to improve adipose-derived stem cell adhesion. <i>Acta Biomaterialia</i> , 2009 , 5, 1416-24	10.8	39
52	Diffusion of soluble factors through degradable polymer nerve guides: Controlling manufacturing parameters. <i>Acta Biomaterialia</i> , 2009 , 5, 2540-50	10.8	76
51	Synthesis and characterization of collagen/hyaluronan/chitosan composite sponges for potential biomedical applications. <i>Acta Biomaterialia</i> , 2009 , 5, 2591-600	10.8	128
50	Cardiomyogenic differentiation potential of human adipose precursor cells. <i>International Journal of Cardiology</i> , 2009 , 133, 399-401	3.2	40
49	Adipose-derived stem cells for soft tissue reconstruction. <i>Regenerative Medicine</i> , 2009 , 4, 109-17	2.5	67
48	Calcium aluminate, RGD-modified calcium aluminate, and beta-tricalcium phosphate implants in a calvarial defect. <i>Journal of Craniofacial Surgery</i> , 2009 , 20, 1538-43	1.2	11

47	Delivery of adipose-derived precursor cells for peripheral nerve repair. <i>Cell Transplantation</i> , 2009 , 18, 145-58	4	129
46	Chondrogenesis, bone morphogenetic protein-4 and mesenchymal stem cells. <i>Osteoarthritis and Cartilage</i> , 2008 , 16, 1121-30	6.2	97
45	Comparison of biodegradable conduits within aged rat sciatic nerve defects. <i>Plastic and Reconstructive Surgery</i> , 2008 , 121, 706-707	2.7	
44	Role of gender and anatomical region on induction of osteogenic differentiation of human adipose-derived stem cells. <i>Annals of Plastic Surgery</i> , 2008 , 60, 306-22	1.7	128
43	Leporine-derived adipose precursor cells exhibit in vitro osteogenic potential. <i>Journal of Craniofacial Surgery</i> , 2008 , 19, 360-8	1.2	7
42	Bone morphogenetic protein 2 therapy for craniofacial surgery. <i>Journal of Craniofacial Surgery</i> , 2008 , 19, 1244-59	1.2	69
41	BMP-2-based repair of large-scale calvarial defects in an experimental model: regenerative surgery in cranioplasty. <i>Journal of Craniofacial Surgery</i> , 2008 , 19, 1315-22	1.2	49
40	FGF-2 enhances vascularization for adipose tissue engineering. <i>Plastic and Reconstructive Surgery</i> , 2008 , 121, 1153-1164	2.7	66
39	Regional anatomic and age effects on cell function of human adipose-derived stem cells. <i>Annals of Plastic Surgery</i> , 2008 , 60, 538-44	1.7	238
38	Excimer laser channel creation in polyethersulfone hollow fibers for compartmentalized in vitro neuronal cell culture scaffolds. <i>Acta Biomaterialia</i> , 2008 , 4, 244-55	10.8	33
37	Characterization of transplanted green fluorescent protein+ bone marrow cells into adipose tissue. <i>Stem Cells</i> , 2008 , 26, 330-8	5.8	64
36	Effects of uniaxial cyclic strain on adipose-derived stem cell morphology, proliferation, and differentiation. <i>Biomechanics and Modeling in Mechanobiology</i> , 2007 , 6, 265-73	3.8	73
35	Comparison of biodegradable conduits within aged rat sciatic nerve defects. <i>Plastic and Reconstructive Surgery</i> , 2007 , 119, 1839-1851	2.7	61
34	Collagenous microbeads as a scaffold for tissue engineering with adipose-derived stem cells. <i>Plastic and Reconstructive Surgery</i> , 2007 , 120, 414-424	2.7	95
33	Scientific basis for the use of hypotonic solutions with ultrasonic liposuction. <i>Aesthetic Plastic Surgery</i> , 2006 , 30, 233-8	2	4
32	Controlled release of bioactive TGF-beta 1 from microspheres embedded within biodegradable hydrogels. <i>Biomaterials</i> , 2006 , 27, 1579-85	15.6	146
31	Peptide-surface modification of poly(caprolactone) with laminin-derived sequences for adipose-derived stem cell applications. <i>Biomaterials</i> , 2006 , 27, 2962-9	15.6	225
30	Controlled release of bioactive doxorubicin from microspheres embedded within gelatin scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2006 , 79, 954-62	5.4	45

29	Regulation of alpha-smooth muscle actin protein expression in adipose-derived stem cells. <i>Cells Tissues Organs</i> , 2006 , 183, 80-6	2.1	43
28	Controlled in vivo degradation of genipin crosslinked polyethylene glycol hydrogels within osteochondral defects. <i>Tissue Engineering</i> , 2006 , 12, 2657-63		62
27	Biomechanical properties of the superficial fascial system. <i>Aesthetic Surgery Journal</i> , 2006 , 26, 395-403	2.4	17
26	A novel perfluoroelastomer seeded with adipose-derived stem cells for soft-tissue repair. <i>Plastic and Reconstructive Surgery</i> , 2006 , 118, 1132-1142	2.7	27
25	The osteogenic potential of adipose-derived stem cells for the repair of rabbit calvarial defects. <i>Annals of Plastic Surgery</i> , 2006 , 56, 543-8	1.7	115
24	Body image and quality of life in post massive weight loss body contouring patients. <i>Obesity</i> , 2006 , 14, 1626-36	8	191
23	Chemical synthesis of poly(lactic-co-glycolic acid)/hydroxyapatite composites for orthopaedic applications. <i>Acta Biomaterialia</i> , 2006 , 2, 277-86	10.8	92
22	Controlled in Vivo Degradation of Genipin Crosslinked Polyethylene Glycol Hydrogels within Osteochondral Defects. <i>Tissue Engineering</i> , 2006 , 060810081933001		
21	Controlled in Vivo Degradation of Genipin Crosslinked Polyethylene Glycol Hydrogels within Osteochondral Defects. <i>Tissue Engineering</i> , 2006 , 060913044658007		
20	The potential of adipose-derived adult stem cells as a source of neuronal progenitor cells. <i>Plastic and Reconstructive Surgery</i> , 2005 , 116, 1453-60	2.7	104
19	Tissue Engineering of Craniofacial Structure 2005 , 455-472		
18	Incorporation of polymer microspheres within fibrin scaffolds for the controlled delivery of FGF-1. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2004 , 15, 1327-36	3.5	24
17	Chemical synthesis of hydroxyapatite/poly(epsilon-caprolactone) composites. <i>Materials Research Bulletin</i> , 2004 , 39, 417-432	5.1	90
16	Multi-channelled biodegradable polymer/CultiSpher composite nerve guides. <i>Biomaterials</i> , 2004 , 25, 1269-78	5.6	86
15	Biodegradable poly(ethylene glycol) hydrogels crosslinked with genipin for tissue engineering applications. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 71, 181-7		57
14	Design and Synthesis of Hydroxyapatite Composites Containing an mPEG Dendritic Poly(l-lysine) Star Polycaprolactone. <i>Macromolecules</i> , 2004 , 37, 8959-8966	5.5	29
13	Biodegradable Polymers and Microspheres in Tissue Engineering 2004 , 149-165		
12	Using PC12 cells to evaluate poly(caprolactone) and collagenous microcarriers for applications in nerve guide fabrication. <i>Biotechnology Progress</i> , 2003 , 19, 1767-74	2.8	23

11	Rabbit calvarial wound healing by means of seeded Caprotite scaffolds. <i>Journal of Dental Research</i> , 2003 , 82, 131-5	8.1	34
10	Surface studies of coated polymer microspheres and protein release from tissue-engineered scaffolds. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2002 , 13, 141-51	3.5	25
9	Composition options for tissue-engineered bone. <i>Tissue Engineering</i> , 2002 , 8, 529-39		97
8	The influence of polymer blend composition on the degradation of polymer/hydroxyapatite biomaterials. <i>Journal of Materials Science: Materials in Medicine</i> , 2001 , 12, 673-7	4.5	45
7	Characterization of osteoblast-like behavior of cultured bone marrow stromal cells on various polymer surfaces. <i>Journal of Biomedical Materials Research Part B</i> , 2000 , 52, 279-84		79
6	In vitro analysis of biodegradable polymer blend/hydroxyapatite composites for bone tissue engineering. <i>Journal of Biomedical Materials Research Part B</i> , 1999 , 47, 324-35		294
5	Atomic Force Microscopy Studies of Hydration of Fluorinated Amide/Urethane Copolymer Film Surfaces. <i>Langmuir</i> , 1998 , 14, 3976-3982	4	29
4	Novel three Dimensional Biodegradable Scaffolds for Bone Tissue Engineering. <i>Materials Research Society Symposia Proceedings</i> , 1998 , 550, 155		14
3	Determination of Low Critical Surface Tensions of Novel Fluorinated Poly(amide urethane) Block Copolymers. 3. Siloxane-Containing Side Chains. <i>Macromolecules</i> , 1996 , 29, 7553-7558	5.5	14
2	Nerve Guides: Multi-Channeled Biodegradable Polymer Composite5658-5677		
1	Craniofacial Tissue Engineering2218-2229		