

# Myron Spector

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8773991/myron-spector-publications-by-year.pdf>

**Version:** 2024-04-28

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.

154  
papers

6,387  
citations

46  
h-index

76  
g-index

168  
ext. papers

6,908  
ext. citations

6.2  
avg. IF

5.79  
L-index

#	Paper	IF	Citations
154	Observation of Collagen-Containing Lesions After Hematoma Resolution in Intracerebral Hemorrhage. <i>Stroke</i> , <b>2021</b> , 52, 1856-1860	6.7	
153	Controlling Growth Factor Diffusion by Modulating Water Content in Injectable Hydrogels. <i>Tissue Engineering - Part A</i> , <b>2021</b> , 27, 714-723	3.9	4
152	Platelet-Derived Growth Factor Stimulated Migration of Bone Marrow Mesenchymal Stem Cells into an Injectable Gelatin-Hydroxyphenyl Propionic Acid Matrix. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	1
151	An Injectable Multifunctional Dual-Phase Bead-Reinforced Gelatin Matrix Permissive of Mesenchymal Stem Cell Infiltration for Musculoskeletal Soft Tissue Repair. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2100626	10.1	0
150	A bioinspired gelatin-hyaluronic acid-based hybrid interpenetrating network for the enhancement of retinal ganglion cells replacement therapy.. <i>Npj Regenerative Medicine</i> , <b>2021</b> , 6, 85	15.8	3
149	Injectable gelatin hydroxyphenyl propionic acid hydrogel protects human retinal progenitor cells (hRPCs) from shear stress applied during small-bore needle injection. <i>Applied Materials Today</i> , <b>2020</b> , 19, 100602	6.6	6
148	An interview with Roland (Roli) Peter Jakob, M.D.: biomaterials for orthoregeneration. <i>Biomedical Materials (Bristol)</i> , <b>2020</b> , 16, 010201	3.5	
147	Translational relevance of the goat as a preclinical model of the human labrum and chondrolabral junction-histological study. <i>Journal of Orthopaedic Research</i> , <b>2020</b> , 38, 1070-1080	3.8	2
146	The effects of shock wave stimulation of mesenchymal stem cells on proliferation, migration, and differentiation in an injectable gelatin matrix for osteogenic regeneration. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2020</b> , 14, 1630-1640	4.4	4
145	Hydrogel-Based Therapy for Brain Repair After Intracerebral Hemorrhage. <i>Translational Stroke Research</i> , <b>2020</b> , 11, 412-417	7.8	16
144	Extracorporeal Shock Wave Stimulates Angiogenesis and Collagen Production in Facial Soft Tissue. <i>Journal of Surgical Research</i> , <b>2020</b> , 245, 483-491	2.5	6
143	Biomaterials for Stroke Therapy. <i>Stroke</i> , <b>2019</b> , 50, 2278-2284	6.7	5
142	Tissue Engineering: EMSCs Build an All-in-One Niche via Cell-Cell Lipid Raft Assembly for Promoted Neuronal but Suppressed Astroglial Differentiation of Neural Stem Cells (Adv. Mater. 10/2019). <i>Advanced Materials</i> , <b>2019</b> , 31, 1970069	24	1
141	In Situ Cross-linking Hydrogel as a Vehicle for Retinal Progenitor Cell Transplantation. <i>Cell Transplantation</i> , <b>2019</b> , 28, 596-606	4	15
140	EMSCs Build an All-in-One Niche via Cell-Cell Lipid Raft Assembly for Promoted Neuronal but Suppressed Astroglial Differentiation of Neural Stem Cells. <i>Advanced Materials</i> , <b>2019</b> , 31, e1806861	24	22
139	Promoting Neuro-Supportive Properties of Astrocytes with Epidermal Growth Factor Hydrogels. <i>Stem Cells Translational Medicine</i> , <b>2019</b> , 8, 1242-1248	6.9	9
138	An interview with Joyce Y Wong: ensuring all voices in biomaterials community are heard. <i>Biomedical Materials (Bristol)</i> , <b>2019</b> , 14, 030201	3.5	1

137	Tc-Methyl-Diphosphonate Binding to Mineral Deposits in Cultures of Marrow-Derived Mesenchymal Stem Cells in Osteogenic Medium. <i>Tissue Engineering - Part C: Methods</i> , <b>2019</b> , 25, 49-57	2.9	5
136	No effect of topical application of tranexamic acid on articular cartilage. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2019</b> , 27, 931-935	5.5	19
135	Photoluminescent Cationic Carbon Dots as efficient Non-Viral Delivery of Plasmid SOX9 and Chondrogenesis of Fibroblasts. <i>Scientific Reports</i> , <b>2018</b> , 8, 7057	4.9	50
134	Biomaterials for Enhancing CNS Repair. <i>Translational Stroke Research</i> , <b>2017</b> , 8, 57-64	7.8	20
133	Endogenous regeneration: Engineering growth factors for stroke. <i>Neurochemistry International</i> , <b>2017</b> , 107, 57-65	4.4	33
132	A Novel Three-Dimensional Culture System for Oligodendrocyte Precursor Cells. <i>Stem Cells and Development</i> , <b>2017</b> , 26, 1078-1085	4.4	10
131	Porphyra polysaccharide-derived carbon dots for non-viral co-delivery of different gene combinations and neuronal differentiation of ectodermal mesenchymal stem cells. <i>Nanoscale</i> , <b>2017</b> , 9, 10820-10831	7.7	29
130	Cationic carbon quantum dots derived from alginate for gene delivery: One-step synthesis and cellular uptake. <i>Acta Biomaterialia</i> , <b>2016</b> , 42, 209-219	10.8	67
129	Injectable biomaterials: a perspective on the next wave of injectable therapeutics. <i>Biomedical Materials (Bristol)</i> , <b>2016</b> , 11, 014110	3.5	23
128	Designer Dual Therapy Nanolayered Implant Coatings Eradicate Biofilms and Accelerate Bone Tissue Repair. <i>ACS Nano</i> , <b>2016</b> , 10, 4441-50	16.7	152
127	Exploiting Stem Cell-Extracellular Matrix Interactions for Cartilage Regeneration: A Focus on Basement Membrane Molecules. <i>Current Stem Cell Research and Therapy</i> , <b>2016</b> , 11, 618-625	3.6	8
126	The living legacy of a biomaterials founder: remembering Samuel F Hulbert, PhD. <i>Biomedical Materials (Bristol)</i> , <b>2016</b> , 11, 020202	3.5	
125	Ectoderm mesenchymal stem cells promote differentiation and maturation of oligodendrocyte precursor cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 480, 727-733	3.4	10
124	Collagen Type IV and Laminin Expressions during Cartilage Repair and in Late Clinically Failed Repair Tissues from Human Subjects. <i>Cartilage</i> , <b>2016</b> , 7, 52-61	3	12
123	Tendons and Ligaments: Tissue Engineering <b>2016</b> , 7789-7807		
122	Cellular senescence in aging and osteoarthritis. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2016</b> , 87, 6-14	4.3	66
121	Treatment of penetrating brain injury in a rat model using collagen scaffolds incorporating soluble Nogo receptor. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2015</b> , 9, 137-50	4.4	7
120	The New Microfracture: All Things Considered. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , <b>2015</b> , 31, 1028-31	5.4	3

119	A Stereological Method for the Quantitative Evaluation of Cartilage Repair Tissue. <i>Cartilage</i> , <b>2015</b> , 6, 123-32	3	18
118	Adaptive growth factor delivery from a polyelectrolyte coating promotes synergistic bone tissue repair and reconstruction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 12847-52	11.5	105
117	The CEO as a medical device translator: a remembrance of Peter Geistlich, PhD. <i>Biomedical Materials (Bristol)</i> , <b>2014</b> , 9, 050401	3.5	
116	Distribution of Basement Membrane Molecules, Laminin and Collagen Type IV, in Normal and Degenerated Cartilage Tissues. <i>Cartilage</i> , <b>2014</b> , 5, 123-32	3	29
115	The Long-Term Clinical Outcomes Following Autogenous Bone Grafting for Large-Volume Defects of the Knee: 12- to 21-Year Follow-Up. <i>Cartilage</i> , <b>2014</b> , 5, 86-96	3	12
114	Biomaterials for CNS Injury <b>2014</b> , 333-352		
113	Lubricin and smooth muscle $\alpha$ -actin-containing myofibroblasts in the pseudomembranes around loose hip and knee prostheses. <i>Acta Biomaterialia</i> , <b>2013</b> , 9, 5751-8	10.8	2
112	Chemotactic recruitment of adult neural progenitor cells into multifunctional hydrogels providing sustained SDF-1 $\beta$ release and compatible structural support. <i>FASEB Journal</i> , <b>2013</b> , 27, 1023-33	0.9	50
111	Surface-mediated bone tissue morphogenesis from tunable nanolayered implant coatings. <i>Science Translational Medicine</i> , <b>2013</b> , 5, 191ra83	17.5	96
110	Astrocyte infiltration into injectable collagen-based hydrogels containing FGF-2 to treat spinal cord injury. <i>Biomaterials</i> , <b>2013</b> , 34, 3591-602	15.6	49
109	Basement membrane molecule expression attendant to chondrogenesis by nucleus pulposus cells and mesenchymal stem cells. <i>Journal of Orthopaedic Research</i> , <b>2013</b> , 31, 1136-43	3.8	23
108	Tissue-engineered cartilaginous constructs for the treatment of caprine cartilage defects, including distribution of laminin and type IV collagen. <i>Tissue Engineering - Part A</i> , <b>2013</b> , 19, 2267-74	3.9	16
107	Effects of PDGF-BB and OP-1 on mesenchymal stem cells in a porous mineral block. <i>International Journal of Periodontics and Restorative Dentistry</i> , <b>2013</b> , 33, e72-8	2.1	2
106	Biomedical materials and 2013. <i>Biomedical Materials (Bristol)</i> , <b>2013</b> , 8, 020201	3.5	
105	The reparative response to cross-linked collagen-based scaffolds in a rat spinal cord gap model. <i>Biomaterials</i> , <b>2012</b> , 33, 2050-9	15.6	60
104	The effect of injectable gelatin-hydroxyphenylpropionic acid hydrogel matrices on the proliferation, migration, differentiation and oxidative stress resistance of adult neural stem cells. <i>Biomaterials</i> , <b>2012</b> , 33, 3446-55	15.6	80
103	Modulation of mesenchymal stem cell chondrogenesis in a tunable hyaluronic acid hydrogel microenvironment. <i>Biomaterials</i> , <b>2012</b> , 33, 3835-45	15.6	218
102	Implantation of a collagen scaffold seeded with adult rat hippocampal progenitors in a rat model of penetrating brain injury. <i>Journal of Neuroscience Methods</i> , <b>2012</b> , 209, 199-211	3	34

101	Scaffolds for central nervous system tissue engineering. <i>Frontiers of Materials Science</i> , <b>2012</b> , 6, 1-25	2.5	36
100	Lubricin in human breast tissue expander capsules. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2012</b> , 100, 1961-9	3.5	3
99	Clinical application of extracorporeal shock wave therapy in orthopedics: focused versus unfocused shock waves. <i>Ultrasound in Medicine and Biology</i> , <b>2012</b> , 38, 1673-80	3.5	39
98	Characterization of a bilateral penetrating brain injury in rats and evaluation of a collagen biomaterial for potential treatment. <i>Journal of Neurotrauma</i> , <b>2012</b> , 29, 2086-102	5.4	11
97	Collagen scaffolds incorporating select therapeutic agents to facilitate a reparative response in a standardized hemiresection defect in the rat spinal cord. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 2158-72	3.9	30
96	Viscoelastic characterization of rat cerebral cortex and type I collagen scaffolds for central nervous system tissue engineering. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2012</b> , 12, 63-73	4.1	18
95	Engineering endostatin-expressing cartilaginous constructs using injectable biopolymer hydrogels. <i>Acta Biomaterialia</i> , <b>2012</b> , 8, 2203-12	10.8	13
94	Lubricin Distribution in the Menisci and Labra of Human Osteoarthritic Joints. <i>Cartilage</i> , <b>2012</b> , 3, 165-72	3	4
93	The use of extracorporeal shock wave-stimulated periosteal cells for orthotopic bone generation. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 1500-8	3.9	21
92	Cell Seeding Densities in Autologous Chondrocyte Implantation Techniques for Cartilage Repair. <i>Cartilage</i> , <b>2012</b> , 3, 108-17	3	36
91	The Biological Response following Autogenous Bone Grafting for Large-Volume Defects of the Knee: Index Surgery through 12 to 21 YearsSFollow-up. <i>Cartilage</i> , <b>2012</b> , 3, 86-99	3	2
90	The pathology of the end-stage osteoarthritic lesion of the knee: potential role in cartilage repair. <i>Knee</i> , <b>2011</b> , 18, 402-6	2.6	5
89	Extracorporeal shockwave-induced expression of lubricin in tendons and septa. <i>Cell and Tissue Research</i> , <b>2011</b> , 346, 255-62	4.2	22
88	Extracorporeal shock wave-induced proliferation of periosteal cells. <i>Journal of Orthopaedic Research</i> , <b>2011</b> , 29, 1536-43	3.8	15
87	Lubricin distribution in the torn human anterior cruciate ligament and meniscus. <i>Journal of Orthopaedic Research</i> , <b>2011</b> , 29, 1916-22	3.8	15
86	Injectable CollagenDenipin Gel for the Treatment of Spinal Cord Injury: In Vitro Studies. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 4788-4797	15.6	64
85	Chondrogenic differentiation of adult mesenchymal stem cells and embryonic cells in collagen scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2011</b> , 99, 275-82	5.4	21
84	Biomaterial-mediated delivery of microenvironmental cues for repair and regeneration of articular cartilage. <i>Molecular Pharmaceutics</i> , <b>2011</b> , 8, 994-1001	5.6	51

83	Articular Cartilage <b>2011</b> , 761-777		1
82	Presence and distribution of the lubricating protein, lubricin, in the meibomian gland in rabbits. <i>Molecular Vision</i> , <b>2011</b> , 17, 3055-61	2.3	10
81	Tissue Engineering of Musculoskeletal Tissue <b>2011</b> , 597-624		
80	Engineering endostatin-producing cartilaginous constructs for cartilage repair using nonviral transfection of chondrocyte-seeded and mesenchymal-stem-cell-seeded collagen scaffolds. <i>Tissue Engineering - Part A</i> , <b>2010</b> , 16, 3011-21	3.9	23
79	alpha-Smooth muscle actin-expressing cells and lubricin in periprosthetic tissue. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2010</b> , 93, 515-27	5.4	3
78	Distribution of lubricin in the ruptured human rotator cuff and biceps tendon: a pilot study. <i>Clinical Orthopaedics and Related Research</i> , <b>2010</b> , 468, 1588-99	2.2	14
77	Novel Magnetic Hydroxyapatite Nanoparticles as Non-Viral Vectors for the Glial Cell Line-Derived Neurotrophic Factor Gene. <i>Advanced Functional Materials</i> , <b>2010</b> , 20, 67-77	15.6	64
76	Chondrogenic differentiation and lubricin expression of caprine infraspinatus tendon cells. <i>Journal of Orthopaedic Research</i> , <b>2010</b> , 28, 716-25	3.8	14
75	Cross-linking affects cellular condensation and chondrogenesis in type II collagen-GAG scaffolds seeded with bone marrow-derived mesenchymal stem cells. <i>Journal of Orthopaedic Research</i> , <b>2010</b> , 28, 1184-92	3.8	59
74	The effectiveness of the controlled release of gentamicin from polyelectrolyte multilayers in the treatment of <i>Staphylococcus aureus</i> infection in a rabbit bone model. <i>Biomaterials</i> , <b>2010</b> , 31, 6019-30	15.6	131
73	Lubricin distribution in the human intervertebral disc. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2009</b> , 91, 2205-12	5.6	29
72	Non-viral endostatin plasmid transfection of mesenchymal stem cells via collagen scaffolds. <i>Biomaterials</i> , <b>2009</b> , 30, 1222-31	15.6	41
71	Development of hyaluronic acid-based scaffolds for brain tissue engineering. <i>Acta Biomaterialia</i> , <b>2009</b> , 5, 2371-84	10.8	113
70	Comparison of three types of chondrocytes in collagen scaffolds for cartilage tissue engineering. <i>Biomedical Materials (Bristol)</i> , <b>2009</b> , 4, 045012	3.5	29
69	Non-viral delivery of the gene for glial cell line-derived neurotrophic factor to mesenchymal stem cells in vitro via a collagen scaffold. <i>Tissue Engineering - Part C: Methods</i> , <b>2008</b> , 14, 207-19	2.9	25
68	Articular Cartilage <b>2008</b> , 766-781		1
67	Lubricin distribution in the goat infraspinatus tendon: a basis for interfascicular lubrication. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2008</b> , 90, 803-14	5.6	56
66	Ideas and inspiration: a remembrance of Philip J Boyne, DMD, MS, DSc. <i>Biomedical Materials (Bristol)</i> , <b>2008</b> , 3, 030401	3.5	1

65	The presence and distribution of lubricin in the caprine intervertebral disc. <i>Journal of Orthopaedic Research</i> , <b>2008</b> , 26, 1398-406	3.8	26
64	Delivery of plasmid IGF-1 to chondrocytes via cationized gelatin nanoparticles. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2008</b> , 84, 73-83	5.4	36
63	Plasmid size influences chitosan nanoparticle mediated gene transfer to chondrocytes. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2008</b> , 84, 1038-48	5.4	26
62	Collagen-based matrices with axially oriented pores. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2008</b> , 85, 757-67	5.4	98
61	Fabrication and characterization of porous hyaluronic acid-collagen composite scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2007</b> , 82, 323-35	5.4	46
60	Cartilagenous deposits in subchondral bone in regions of exposed bone in osteoarthritis of the human knee: histomorphometric study of PRG4 distribution in osteoarthritic cartilage. <i>Journal of Orthopaedic Research</i> , <b>2007</b> , 25, 873-83	3.8	32
59	Genetically enhanced engineering of meniscus tissue using ex vivo delivery of transforming growth factor-beta 1 complementary deoxyribonucleic acid. <i>Tissue Engineering</i> , <b>2007</b> , 13, 2227-37		71
58	Incorporation of hyaluronic acid into collagen scaffolds for the control of chondrocyte-mediated contraction and chondrogenesis. <i>Biomedical Materials (Bristol)</i> , <b>2007</b> , 2, S135-41	3.5	34
57	An experimental test of stroke recovery by implanting a hyaluronic acid hydrogel carrying a Nogo receptor antibody in a rat model. <i>Biomedical Materials (Bristol)</i> , <b>2007</b> , 2, 233-40	3.5	52
56	Biomaterials-based tissue engineering and regenerative medicine solutions to musculoskeletal problems. <i>Swiss Medical Weekly</i> , <b>2007</b> , 137 Suppl 155, 157S-165S	3.1	4
55	Early bone apposition in vivo on plasma-sprayed and electrochemically deposited hydroxyapatite coatings on titanium alloy. <i>Biomaterials</i> , <b>2006</b> , 27, 4192-203	15.6	173
54	Collagen-GAG scaffolds grafted onto myocardial infarcts in a rat model: a delivery vehicle for mesenchymal stem cells. <i>Tissue Engineering</i> , <b>2006</b> , 12, 2467-78		88
53	Translation from research to applications. <i>Tissue Engineering</i> , <b>2006</b> , 12, 3341-64		56
52	Biocompatibility of Materials <b>2006</b> ,		1
51	Effects of cross-linking type II collagen-GAG scaffolds on chondrogenesis in vitro: dynamic pore reduction promotes cartilage formation. <i>Tissue Engineering</i> , <b>2006</b> , 12, 1345-55		117
50	Contact Area as a Critical Determinant in the Tribology Of Metal-on-Polyethylene Total Joint Arthroplasty. <i>Journal of Tribology</i> , <b>2006</b> , 128, 113-121	1.8	10
49	Effects of Cross-linking Type II Collagen-GAG Scaffolds on Chondrogenesis In Vitro: Dynamic Pore Reduction Promotes Cartilage Formation. <i>Tissue Engineering</i> , <b>2006</b> , 060519064955001		1
48	Collagen?GAG Scaffolds Grafted onto Myocardial Infarcts in a Rat Model: A Delivery Vehicle for Mesenchymal Stem Cells. <i>Tissue Engineering</i> , <b>2006</b> , 060913044658014		

47	Biomaterials-based tissue engineering and regenerative medicine solutions to musculoskeletal problems. <i>Swiss Medical Weekly</i> , <b>2006</b> , 136, 293-301	3.1	41
46	Quantitation of osteoblast-like cell mineralization on tissue culture polystyrene and Ti-6Al-4V alloy disks by Tc-99m-MDP labeling and imaging in vitro. <i>Bone</i> , <b>2005</b> , 36, 84-92	4.7	14
45	Periosteum stimulates subchondral bone densification in autologous chondrocyte transplantation in a sheep model. <i>Cell and Tissue Research</i> , <b>2005</b> , 319, 133-42	4.2	31
44	Formation of lung alveolar-like structures in collagen-glycosaminoglycan scaffolds in vitro. <i>Tissue Engineering</i> , <b>2005</b> , 11, 1436-48		74
43	Tissue Engineering of Tendons and Ligaments <b>2005</b> , 385-411		
42	Alpha-smooth muscle actin in pathological human disc nucleus pulposus cells in vivo and in vitro. <i>Wound Repair and Regeneration</i> , <b>2004</b> , 12, 430-8	3.6	6
41	Contractile forces generated by articular chondrocytes in collagen-glycosaminoglycan matrices. <i>Biomaterials</i> , <b>2004</b> , 25, 1299-308	15.6	46
40	Composition of joint fluid in patients undergoing total knee replacement and revision arthroplasty: correlation with flow properties. <i>Biomaterials</i> , <b>2004</b> , 25, 4433-45	15.6	102
39	Bone bonding to hydroxyapatite and titanium surfaces on femoral stems retrieved from human subjects at autopsy. <i>Biomaterials</i> , <b>2004</b> , 25, 5199-208	15.6	60
38	The John Charnley Award Paper. The role of joint fluid in the tribology of total joint arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , <b>2004</b> , 17-32	2.2	46
37	Scaffold-based articular cartilage repair. <i>IEEE Engineering in Medicine and Biology Magazine</i> , <b>2003</b> , 22, 42-50		70
36	Contractile actin expression in torn human menisci. <i>Wound Repair and Regeneration</i> , <b>2002</b> , 10, 259-66	3.6	15
35	Cell outgrowth from the human ACL in vitro: regional variation and response to TGF-beta1. <i>Journal of Orthopaedic Research</i> , <b>2002</b> , 20, 875-80	3.8	39
34	Rheology of joint fluid in total knee arthroplasty patients. <i>Journal of Orthopaedic Research</i> , <b>2002</b> , 20, 1157-63	3.8	84
33	A glimpse of tissue engineering in China. <i>Tissue Engineering</i> , <b>2002</b> , 8, 169-74		
32	Proteoglycans synthesized by canine intervertebral disc cells grown in a type I collagen-glycosaminoglycan matrix. <i>Tissue Engineering</i> , <b>2002</b> , 8, 1037-47		49
31	Mesenchymal Cell Culture <b>2002</b> , 317-331		
30	Cell-Based Therapies for the Treatment of Articular Cartilage Injury <b>2002</b> , 1059-1073		



29	Regional variations in certain cellular characteristics in human lumbar intervertebral discs, including the presence of alpha-smooth muscle actin. <i>Journal of Orthopaedic Research</i> , <b>2001</b> , 19, 597-604	3.8	65
28	Musculoskeletal connective tissue cells with muscle: expression of muscle actin in and contraction of fibroblasts, chondrocytes, and osteoblasts. <i>Wound Repair and Regeneration</i> , <b>2001</b> , 9, 11-8	3.6	45
27	Connective tissue orientation around dental implants in a canine model. <i>Clinical Oral Implants Research</i> , <b>2001</b> , 12, 433-40	4.8	45
26	Lapine and canine bone marrow stromal cells contain smooth muscle actin and contract a collagen-glycosaminoglycan matrix. <i>Tissue Engineering</i> , <b>2001</b> , 7, 829-41		41
25	Connective tissue response to tubular implants for peripheral nerve regeneration: the role of myofibroblasts. <i>Journal of Comparative Neurology</i> , <b>2000</b> , 417, 415-30	3.4	59
24	Healing of canine articular cartilage defects treated with microfracture, a type-II collagen matrix, or cultured autologous chondrocytes. <i>Journal of Orthopaedic Research</i> , <b>2000</b> , 18, 781-9	3.8	195
23	Healing of defects in canine articular cartilage: distribution of nonvascular alpha-smooth muscle actin-containing cells. <i>Wound Repair and Regeneration</i> , <b>2000</b> , 8, 145-58	3.6	41
22	Tendon cell contraction of collagen-GAG matrices in vitro: effect of cross-linking. <i>Biomaterials</i> , <b>2000</b> , 21, 1607-19	15.6	126
21	Association of fibroblast orientation around titanium in vitro with expression of a muscle actin. <i>Biomaterials</i> , <b>2000</b> , 21, 1887-96	15.6	21
20	Outgrowth of chondrocytes from human articular cartilage explants and expression of alpha-smooth muscle actin. <i>Wound Repair and Regeneration</i> , <b>2000</b> , 8, 383-91	3.6	35
19	Articular cartilage chondrocytes in type I and type II collagen-GAG matrices exhibit contractile behavior in vitro. <i>Tissue Engineering</i> , <b>2000</b> , 6, 555-65		109
18	Outgrowth of chondrocytes from human articular cartilage explants and expression of smooth muscle actin <b>2000</b> , 8, 383		1
17	Isolation and in vitro proliferation of chondrocytes, tenocytes, and ligament cells. <i>Methods in Molecular Medicine</i> , <b>1999</b> , 18, 195-203		7
16	Meniscus cells seeded in type I and type II collagen-GAG matrices in vitro. <i>Biomaterials</i> , <b>1999</b> , 20, 701-9	15.6	111
15	Characteristics of Articular Chondrocytes Seeded in Collagen Matrices in Vitro. <i>Tissue Engineering</i> , <b>1998</b> , 4, 175-183		23
14	Status of articular cartilage tissue engineering. <i>Current Opinion in Orthopaedics</i> , <b>1998</b> , 9, 88-94		9
13	Matrix collagen type and pore size influence behaviour of seeded canine chondrocytes. <i>Biomaterials</i> , <b>1997</b> , 18, 769-76	15.6	346
12	Canine chondrocytes seeded in type I and type II collagen implants investigated in vitro. <i>Journal of Biomedical Materials Research Part B</i> , <b>1997</b> , 38, 95-104		209

11	Effect of cultured autologous chondrocytes on repair of chondral defects in a canine model. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>1997</b> , 79, 1439-51	5.6	259
10	Canine chondrocytes seeded in type I and type II collagen implants investigated In Vitro <b>1997</b> , 38, 95		27
9	Testing Biomaterials <b>1996</b> , 215-242		10
8	Anorganic Bovine Bone and Ceramic Analogs of Bone Mineral as Implants to Facilitate Bone Regeneration. <i>Clinics in Plastic Surgery</i> , <b>1994</b> , 21, 437-444	3	90
7	Biomaterials: taming the beast. <i>Journal of Biomedical Materials Research Part B</i> , <b>1992</b> , 26, 1-5		2
6	Role of loads and prosthesis material properties on the mechanics of the proximal femur after total hip arthroplasty. <i>Journal of Orthopaedic Research</i> , <b>1992</b> , 10, 405-22	3.8	157
5	The biologic effects of implant materials. <i>Journal of Orthopaedic Research</i> , <b>1991</b> , 9, 760-75	3.8	156
4	Quantitative characterization of cells at the interface of long-term implants of selected polymers. <i>Journal of Biomedical Materials Research Part B</i> , <b>1986</b> , 20, 653-66		82
3	Calcification of axons in experimental spinal cord trauma. <i>Annals of Neurology</i> , <b>1977</b> , 2, 520-3	9.4	83
2	Fracture of human dentin: a high resolution scanning electron microscope study. <i>Journal of Dental Research</i> , <b>1976</b> , 55, 1136	8.1	9
1	Tissue Ingrowth in Resorbable Porous Tissue Scaffolds. <i>Ceramic Engineering and Science Proceedings</i> , <b>25-35</b>		1