

# Michael S Detamore

## List of Publications by Year in descending order

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127  
papers

5,957  
citations

44066

48  
h-index

82542

72  
g-index

129  
all docs

129  
docs citations

129  
times ranked

6836  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies and Applications for Incorporating Physical and Chemical Signal Gradients in Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2008, 14, 341-366.	4.8	170
2	A Comparison of Human Bone Marrow-Derived Mesenchymal Stem Cells and Human Umbilical Cord-Derived Mesenchymal Stromal Cells for Cartilage Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2009, 15, 2259-2266.	3.1	162
3	Structure and function of the temporomandibular joint disc: Implications for tissue engineering. <i>Journal of Oral and Maxillofacial Surgery</i> , 2003, 61, 494-506.	1.2	151
4	Approaching the compressive modulus of articular cartilage with a decellularized cartilage-based hydrogel. <i>Acta Biomaterialia</i> , 2016, 38, 94-105.	8.3	146
5	Physical Non-Viral Gene Delivery Methods for Tissue Engineering. <i>Annals of Biomedical Engineering</i> , 2013, 41, 446-468.	2.5	140
6	The Bioactivity of Cartilage Extracellular Matrix in Articular Cartilage Regeneration. <i>Advanced Healthcare Materials</i> , 2015, 4, 29-39.	7.6	136
7	Continuous Gradients of Material Composition and Growth Factors for Effective Regeneration of the Osteochondral Interface. <i>Tissue Engineering - Part A</i> , 2011, 17, 2845-2855.	3.1	132
8	A Comparison of Human Umbilical Cord Matrix Stem Cells and Temporomandibular Joint Condylar Chondrocytes for Tissue Engineering Temporomandibular Joint Condylar Cartilage. <i>Tissue Engineering</i> , 2007, 13, 2003-2010.	4.6	131
9	Hierarchically Designed Agarose and Poly(Ethylene Glycol) Interpenetrating Network Hydrogels for Cartilage Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 1533-1542.	2.1	131
10	Flow behavior prior to crosslinking: The need for precursor rheology for placement of hydrogels in medical applications and for 3D bioprinting. <i>Progress in Polymer Science</i> , 2019, 91, 126-140.	24.7	129
11	PLGA-chitosan/PLGA-alginate nanoparticle blends as biodegradable colloidal gels for seeding human umbilical cord mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 96A, 520-527.	4.0	126
12	Decellularized Cartilage May Be a Chondroinductive Material for Osteochondral Tissue Engineering. <i>PLoS ONE</i> , 2015, 10, e0121966.	2.5	118
13	Development and quantitative characterization of the precursor rheology of hyaluronic acid hydrogels for bioprinting. <i>Acta Biomaterialia</i> , 2019, 95, 176-187.	8.3	116
14	Osteochondral Interface Tissue Engineering Using Macroscopic Gradients of Bioactive Signals. <i>Annals of Biomedical Engineering</i> , 2010, 38, 2167-2182.	2.5	110
15	Nanoengineered biomaterials for repair and regeneration of orthopedic tissue interfaces. <i>Acta Biomaterialia</i> , 2016, 42, 2-17.	8.3	107
16	Microsphere-Based Seamless Scaffolds Containing Macroscopic Gradients of Encapsulated Factors for Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2008, 14, 299-309.	2.1	106
17	Quantitative analysis and comparative regional investigation of the extracellular matrix of the porcine temporomandibular joint disc. <i>Matrix Biology</i> , 2005, 24, 45-57.	3.6	103
18	Tensile Properties of the Porcine Temporomandibular Joint Disc. <i>Journal of Biomechanical Engineering</i> , 2003, 125, 558-565.	1.3	99

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19	Microsphere-Based Scaffolds in Regenerative Engineering. Annual Review of Biomedical Engineering, 2017, 19, 135-161.	12.3	98
20	Motivation, Characterization, and Strategy for Tissue Engineering the Temporomandibular Joint Disc. Tissue Engineering, 2003, 9, 1065-1087.	4.6	93
21	Microsphere-based scaffolds for cartilage tissue engineering: Using subcritical CO2 as a sintering agent. Acta Biomaterialia, 2010, 6, 137-143.	8.3	85
22	Recellularization of decellularized heart valves: Progress toward the tissue-engineered heart valve. Journal of Tissue Engineering, 2017, 8, 204173141772632.	5.5	84
23	Musculoskeletal tissue engineering with human umbilical cord mesenchymal stromal cells. Regenerative Medicine, 2011, 6, 95-109.	1.7	83
24	The bioactivity of agarose-PEGDA interpenetrating network hydrogels with covalently immobilized RGD peptides and physically entrapped aggrecan. Biomaterials, 2014, 35, 3558-3570.	11.4	83
25	Osteochondral interface regeneration of the rabbit knee with macroscopic gradients of bioactive signals. Journal of Biomedical Materials Research - Part A, 2012, 100A, 162-170.	4.0	80
26	Emerging Techniques in Stratified Designs and Continuous Gradients for Tissue Engineering of Interfaces. Annals of Biomedical Engineering, 2010, 38, 2121-2141.	2.5	78
27	Evaluation of Three Growth Factors for TMJ Disc Tissue Engineering. Annals of Biomedical Engineering, 2005, 33, 383-390.	2.5	76
28	Effect of Initial Seeding Density on Human Umbilical Cord Mesenchymal Stromal Cells for Fibrocartilage Tissue Engineering. Tissue Engineering - Part A, 2009, 15, 1009-1017.	3.1	73
29	Cell Type and Distribution in the Porcine Temporomandibular Joint Disc. Journal of Oral and Maxillofacial Surgery, 2006, 64, 243-248.	1.2	69
30	Osteogenic Differentiation of Human Umbilical Cord Mesenchymal Stromal Cells in Polyglycolic Acid Scaffolds. Tissue Engineering - Part A, 2010, 16, 1937-1948.	3.1	69
31	Hybrid Hydroxyapatite Nanoparticle Colloidal Gels are Injectable Fillers for Bone Tissue Engineering. Tissue Engineering - Part A, 2013, 19, 2586-2593.	3.1	69
32	Tuning mechanical performance of poly(ethylene glycol) and agarose interpenetrating network hydrogels for cartilage tissue engineering. Biomaterials, 2013, 34, 8241-8257.	11.4	69
33	Tissue Engineering the Mandibular Condyle. Tissue Engineering, 2007, 13, 1955-1971.	4.6	68
34	Leveraging "Raw Materials" as Building Blocks and Bioactive Signals in Regenerative Medicine. Tissue Engineering - Part B: Reviews, 2012, 18, 341-362.	4.8	68
35	Endochondral Ossification for Enhancing Bone Regeneration: Converging Native Extracellular Matrix Biomaterials and Developmental Engineering <i>In Vivo</i> . Tissue Engineering - Part B: Reviews, 2015, 21, 247-266.	4.8	68
36	Cartilage extracellular matrix as a biomaterial for cartilage regeneration. Annals of the New York Academy of Sciences, 2016, 1383, 139-159.	3.8	66

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37	Lubrication of the Temporomandibular Joint. <i>Annals of Biomedical Engineering</i> , 2008, 36, 14-29.	2.5	65
38	Signalling strategies for osteogenic differentiation of human umbilical cord mesenchymal stromal cells for 3D bone tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009, 3, 398-404.	2.7	64
39	Incorporation of Aggrecan in Interpenetrating Network Hydrogels to Improve Cellular Performance for Cartilage Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2013, 19, 1349-1359.	3.1	63
40	Decellularized Wharton's Jelly from human umbilical cord as a novel 3D scaffolding material for tissue engineering applications. <i>PLoS ONE</i> , 2017, 12, e0172098.	2.5	63
41	Osteochondral Interface Regeneration of Rabbit Mandibular Condyle With Bioactive Signal Gradients. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, e50-e57.	1.2	62
42	Effects of growth factors on temporomandibular joint disc cells. <i>Archives of Oral Biology</i> , 2004, 49, 577-583.	1.8	60
43	Biomimetic method for combining the nucleus pulposus and annulus fibrosus for intervertebral disc tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, e179-e187.	2.7	59
44	Mechanical Testing of Hydrogels in Cartilage Tissue Engineering: Beyond the Compressive Modulus. <i>Tissue Engineering - Part B: Reviews</i> , 2013, 19, 403-412.	4.8	56
45	Chondroinduction from Naturally Derived Cartilage Matrix: A Comparison Between Devitalized and Decellularized Cartilage Encapsulated in Hydrogel Pastes. <i>Tissue Engineering - Part A</i> , 2016, 22, 665-679.	3.1	54
46	Human platelet lysate-based nanocomposite bioink for bioprinting hierarchical fibrillar structures. <i>Biofabrication</i> , 2020, 12, 015012.	7.1	53
47	Use of a Rotating Bioreactor toward Tissue Engineering the Temporomandibular Joint Disc. <i>Tissue Engineering</i> , 2005, 11, 1188-1197.	4.6	52
48	Preclinical Animal Models for Temporomandibular Joint Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2018, 24, 171-178.	4.8	51
49	Overview of Tracheal Tissue Engineering: Clinical Need Drives the Laboratory Approach. <i>Annals of Biomedical Engineering</i> , 2011, 39, 2091-2113.	2.5	50
50	The Future of Carbon Dioxide for Polymer Processing in Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2013, 19, 221-232.	4.8	50
51	Fabrication of a Double-Cross-Linked Interpenetrating Polymeric Network (IPN) Hydrogel Surface Modified with Polydopamine to Modulate the Osteogenic Differentiation of Adipose-Derived Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 24955-24962.	8.0	49
52	The potential of encapsulating ceramic materials in 3D osteochondral gradient scaffolds. <i>Biotechnology and Bioengineering</i> , 2014, 111, 829-841.	3.3	47
53	Regenerative rehabilitation with conductive biomaterials for spinal cord injury. <i>Acta Biomaterialia</i> , 2022, 139, 43-64.	8.3	47
54	Using chondroitin sulfate to improve the viability and biosynthesis of chondrocytes encapsulated in interpenetrating network (IPN) hydrogels of agarose and poly(ethylene glycol) diacrylate. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 157-170.	3.6	45

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55	Human umbilical cord mesenchymal stromal cells in a sandwich approach for osteochondral tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 712-721.	2.7	40
56	Effects of growth factors and glucosamine on porcine mandibular condylar cartilage cells and hyaline cartilage cells for tissue engineering applications. <i>Archives of Oral Biology</i> , 2009, 54, 1-5.	1.8	39
57	Osteogenic Media and rhBMP-2-Induced Differentiation of Umbilical Cord Mesenchymal Stem Cells Encapsulated in Alginate Microbeads and Integrated in an Injectable Calcium Phosphate-Chitosan Fibrous Scaffold. <i>Tissue Engineering - Part A</i> , 2011, 17, 969-979.	3.1	39
58	Superior calvarial bone regeneration using pentenoate-functionalized hyaluronic acid hydrogels with devitalized tendon particles. <i>Acta Biomaterialia</i> , 2018, 71, 148-155.	8.3	39
59	Three-dimensional macroscopic scaffolds with a gradient in stiffness for functional regeneration of interfacial tissues. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 870-876.	4.0	38
60	Bioactive Microsphere-Based Scaffolds Containing Decellularized Cartilage. <i>Macromolecular Bioscience</i> , 2015, 15, 979-989.	4.1	37
61	Engineering and commercialization of human-device interfaces, from bone to brain. <i>Biomaterials</i> , 2016, 95, 35-46.	11.4	34
62	Insulin-like growth factor improves chondrogenesis of predifferentiated human umbilical cord mesenchymal stromal cells. <i>Journal of Orthopaedic Research</i> , 2009, 27, 1109-1115.	2.3	33
63	Umbilical Cord Stem Cell Seeding on Fast-Resorbable Calcium Phosphate Bone Cement. <i>Tissue Engineering - Part A</i> , 2010, 16, 2743-2753.	3.1	33
64	Chondroinductive Hydrogel Pastes Composed of Naturally Derived Devitalized Cartilage. <i>Annals of Biomedical Engineering</i> , 2016, 44, 1863-1880.	2.5	33
65	Potential Indications for Tissue Engineering in Temporomandibular Joint Surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 705-711.	1.2	32
66	Colloidal Gels with Extracellular Matrix Particles and Growth Factors for Bone Regeneration in Critical Size Rat Calvarial Defects. <i>AAPS Journal</i> , 2017, 19, 703-711.	4.4	32
67	Reinforced Electrospun Polycaprolactone Nanofibers for Tracheal Repair in an <i>In Vivo</i> Ovine Model. <i>Tissue Engineering - Part A</i> , 2018, 24, 1301-1308.	3.1	30
68	Osteogenic Differentiation of Human Bone Marrow Stromal Cells in Hydroxyapatite-Loaded Microsphere-Based Scaffolds. <i>Tissue Engineering - Part A</i> , 2012, 18, 757-767.	3.1	29
69	Microsphere-based gradient implants for osteochondral regeneration: a long-term study in sheep. <i>Regenerative Medicine</i> , 2015, 10, 709-728.	1.7	29
70	Hyaluronic-Acid-Hydroxyapatite Colloidal Gels Combined with Micronized Native ECM as Potential Bone Defect Fillers. <i>Langmuir</i> , 2017, 33, 206-218.	3.5	29
71	Increasing Cross-Linking Efficiency of Methacrylated Chondroitin Sulfate Hydrogels by Copolymerization with Oligo(Ethylene Glycol) Diacrylates. <i>Macromolecules</i> , 2013, 46, 9609-9617.	4.8	28
72	Thiolated bone and tendon tissue particles covalently bound in hydrogels for in vivo calvarial bone regeneration. <i>Acta Biomaterialia</i> , 2020, 104, 66-75.	8.3	26

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73	Human umbilical cord mesenchymal stromal cells in regenerative medicine. <i>Stem Cell Research and Therapy</i> , 2013, 4, 142.	5.5	25
74	Subcritical CO <sub>2</sub> sintering of microspheres of different polymeric materials to fabricate scaffolds for tissue engineering. <i>Materials Science and Engineering C</i> , 2013, 33, 4892-4899.	7.3	25
75	Promoting catalysis and high-value product streams by in situ hydroxyapatite crystallization during hydrothermal liquefaction of microalgae cultivated with reclaimed nutrients. <i>Green Chemistry</i> , 2015, 17, 2560-2569.	9.0	24
76	Mechanical evaluation of gradient electrospun scaffolds with 3D printed ring reinforcements for tracheal defect repair. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 025020.	3.3	23
77	Effect of different sintering methods on bioactivity and release of proteins from PLGA microspheres. <i>Materials Science and Engineering C</i> , 2013, 33, 4343-4351.	7.3	22
78	Species-specific effects of aortic valve decellularization. <i>Acta Biomaterialia</i> , 2017, 50, 249-258.	8.3	22
79	Effects of tissue processing on bioactivity of cartilage matrix-based hydrogels encapsulating osteoconductive particles. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 034108.	3.3	22
80	Assessing nanoparticle colloidal stability with single-particle inductively coupled plasma mass spectrometry (SP-ICP-MS). <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5205-5216.	3.7	22
81	Microsphere-Based Scaffolds Carrying Opposing Gradients of Chondroitin Sulfate and Tricalcium Phosphate. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 96.	4.1	21
82	Enabling Surgical Placement of Hydrogels Through Achieving Paste-Like Rheological Behavior in Hydrogel Precursor Solutions. <i>Annals of Biomedical Engineering</i> , 2015, 43, 2569-2576.	2.5	20
83	Designing crosslinked hyaluronic acid hydrogels with tunable mechanical properties for biomedical applications. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	19
84	Microsphere-based scaffolds encapsulating tricalcium phosphate and hydroxyapatite for bone regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 121.	3.6	19
85	Microsphere-Based Osteochondral Scaffolds Carrying Opposing Gradients Of Decellularized Cartilage And Demineralized Bone Matrix. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1955-1963.	5.2	19
86	Material characterization of microsphere-based scaffolds with encapsulated raw materials. <i>Materials Science and Engineering C</i> , 2016, 63, 422-428.	7.3	18
87	A Road Map to Commercialization of Cartilage Therapy in the United States of America. <i>Tissue Engineering - Part B: Reviews</i> , 2016, 22, 15-33.	4.8	18
88	Stem Cells in Aggregate Form to Enhance Chondrogenesis in Hydrogels. <i>PLoS ONE</i> , 2015, 10, e0141479.	2.5	18
89	Tailoring of processing parameters for sintering microsphere-based scaffolds with dense-phase carbon dioxide. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101B, 330-337.	3.4	17
90	Exploiting decellularized cochleae as scaffolds for inner ear tissue engineering. <i>Stem Cell Research and Therapy</i> , 2017, 8, 41.	5.5	17

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91	Adenovector-Mediated Gene Delivery to Human Umbilical Cord Mesenchymal Stromal Cells Induces Inner Ear Cell Phenotype. <i>Cellular Reprogramming</i> , 2013, 15, 43-54.	0.9	16
92	Mapping Glycosaminoglycanâ€Hydroxyapatite Colloidal Gels as Potential Tissue Defect Fillers. <i>Langmuir</i> , 2014, 30, 3528-3537.	3.5	16
93	Functional Reconstruction of Tracheal Defects by Protein-Loaded, Cell-Seeded, Fibrous Constructs in Rabbits. <i>Tissue Engineering - Part A</i> , 2015, 21, 2390-2403.	3.1	15
94	Microsphere-based scaffolds encapsulating chondroitin sulfate or decellularized cartilage. <i>Journal of Biomaterials Applications</i> , 2016, 31, 328-343.	2.4	14
95	Nonviral Reprogramming of Human Wharton's Jelly Cells Reveals Differences Between <i>ATOH1</i> Homologues. <i>Tissue Engineering - Part A</i> , 2015, 21, 1795-1809.	3.1	13
96	Biodegradable electrospun patch containing cell adhesion or antimicrobial compounds for trachea repair in vivo. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 025003.	3.3	13
97	Conductive and injectable hyaluronic acid/gelatin/gold nanorod hydrogels for enhanced surgical translation and bioprinting. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, 110, 365-382.	4.0	13
98	Chondrogenic differentiation of stem cells in human umbilical cord stroma with PGA and PLLA scaffolds. <i>Journal of Biomedical Science and Engineering</i> , 2010, 03, 1041-1049.	0.4	12
99	Generating CK19-Positive Cells with Hair-Like Structures from Wharton's Jelly Mesenchymal Stromal Cells. <i>Stem Cells and Development</i> , 2013, 22, 18-26.	2.1	12
100	The effect of extended passaging on the phenotype and osteogenic potential of human umbilical cord mesenchymal stem cells. <i>Molecular and Cellular Biochemistry</i> , 2015, 401, 155-164.	3.1	12
101	Evaluation of apparent fracture toughness of articular cartilage and hydrogels. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 121-128.	2.7	11
102	Tissue Engineering of Temporomandibular Joint Cartilage. <i>Synthesis Lectures on Tissue Engineering</i> , 2009, 1, 1-122.	0.3	10
103	Improving Viability and Transfection Efficiency with Human Umbilical Cord Wharton's Jelly Cells Through Use of a ROCK Inhibitor. <i>Cellular Reprogramming</i> , 2014, 16, 91-97.	0.9	10
104	A Review of Gene Delivery and Stem Cell Based Therapies for Regenerating Inner Ear Hair Cells. <i>Journal of Functional Biomaterials</i> , 2011, 2, 249-270.	4.4	8
105	Generating Chondromimetic Mesenchymal Stem Cell Spheroids by Regulating Media Composition and Surface Coating. <i>Cellular and Molecular Bioengineering</i> , 2018, 11, 99-115.	2.1	8
106	Effects of a Bioactive SPPEPS Peptide on Chondrogenic Differentiation of Mesenchymal Stem Cells. <i>Annals of Biomedical Engineering</i> , 2019, 47, 2308-2321.	2.5	8
107	Emerging Trends in Biomaterials Research. <i>Annals of Biomedical Engineering</i> , 2016, 44, 1861-1862.	2.5	7
108	In vivo evaluation of stem cell aggregates on osteochondral regeneration. <i>Journal of Orthopaedic Research</i> , 2017, 35, 1606-1616.	2.3	7

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109	Chondroinductive Peptides: Drawing Inspirations from Cell-Matrix Interactions. Tissue Engineering - Part B: Reviews, 2019, 25, 249-257.	4.8	7
110	Temporomandibular Joint Bioengineering Conference: Working Together Toward Improving Clinical Outcomes. Journal of Biomechanical Engineering, 2020, 142, .	1.3	6
111	The Rheology and Printability of Cartilage Matrix-Only Biomaterials. Biomolecules, 2022, 12, 846.	4.0	6
112	A Protocol for Decellularizing Mouse Cochleae for Inner Ear Tissue Engineering. Journal of Visualized Experiments, 2018, , .	0.3	5
113	Unrepaired decompressive craniectomy worsens motor performance in a rat traumatic brain injury model. Scientific Reports, 2020, 10, 22242.	3.3	5
114	Structurally diverse and readily tunable photocrosslinked chondroitin sulfate based copolymers. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 1070-1079.	2.1	4
115	Biomimetic Nanofibers for Musculoskeletal Tissue Engineering. , 2015, , 57-75.		3
116	Fluorescent Photo-conversion: A Second Chance to Label Unique Cells. Cellular and Molecular Bioengineering, 2015, 8, 187-196.	2.1	3
117	Standardization of Microcomputed Tomography for Tracheal Tissue Engineering Analysis. Tissue Engineering - Part C: Methods, 2020, 26, 590-595.	2.1	3
118	Chondroinductive Peptides for Cartilage Regeneration. Tissue Engineering - Part B: Reviews, 2022, 28, 745-765.	4.8	2
119	Engineering Graded Tissue Interfaces. , 2013, , 299-322.		2
120	Manifestations of Apprehension and Anxiety in a Sprague Dawley Cranial Defect Model. Journal of Craniofacial Surgery, 2020, 31, 2364-2367.	0.7	2
121	Novel Hyaluronic Acid Nanocomposite Hydrogel for Cartilage Tissue Engineering: Utilizing Yield Stress for Ease of Implantation. , 2013, , .		1
122	Tissue Engineering the Mandibular Condyle. Tissue Engineering, 2007, .	4.6	1
123	Recent Patents Pertaining to Immune Modulation and Musculoskeletal Regeneration with Wharton's Jelly Cells. Recent Patents on Regenerative Medicine, 2013, 3, 182-192.	0.4	1
124	Mimicking the Extracellular Matrix: Tuning the Mechanical Properties of Chondroitin Sulfate Hydrogels by Copolymerization with Oligo(ethylene glycol) Diacrylates. Materials Research Society Symposia Proceedings, 2014, 1622, 189-195.	0.1	0
125	Polymer-coated microparticle scaffolds engineered for potential use in musculoskeletal tissue regeneration. Biomedical Materials (Bristol), 2021, 16, .	3.3	0
126	A Wharton's Jelly Mesenchymal Stromal Cell Derived 3D Osteogenic Niche Allows for Cord Blood Stem Cell Attachment. Blood, 2011, 118, 4813-4813.	1.4	0



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127	A Wharton's Jelly Mesenchymal Stromal Cell Derived 3D Osteogenic Niche Allows for Cord Blood Stem Cell Expansion Using Cytokine-Free Culture Media. Blood, 2011, 118, 4832-4832.	1.4	0