

# Jos Malda

## List of Publications by Year in descending order

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131  
papers

15,074  
citations

25034

57  
h-index

18647

119  
g-index

137  
all docs

137  
docs citations

137  
times ranked

12896  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unveiling the potential of melt electrowriting in regenerative dental medicine. <i>Acta Biomaterialia</i> , 2023, 156, 88-109.	8.3	18
2	Tissue-specific melt electrowritten polymeric scaffolds for coordinated regeneration of soft and hard periodontal tissues. <i>Bioactive Materials</i> , 2023, 19, 268-281.	15.6	28
3	The Complexity of Joint Regeneration: How an Advanced Implant could Fail by Its In Vivo Proven Bone Component. <i>Journal of Trial and Error</i> , 2022, 2, 7-25.	0.5	6
4	Dual-contrast computed tomography enables detection of equine posttraumatic osteoarthritis in vitro. <i>Journal of Orthopaedic Research</i> , 2022, 40, 703-711.	2.3	2
5	Innovations in craniofacial bone and periodontal tissue engineering – from electrospinning to converged biofabrication. <i>International Materials Reviews</i> , 2022, 67, 347-384.	19.3	23
6	Fabrication of MSC-laden composites of hyaluronic acid hydrogels reinforced with MEW scaffolds for cartilage repair. <i>Biofabrication</i> , 2022, 14, 014106.	7.1	34
7	The clinical potential of articular cartilage-derived progenitor cells: a systematic review. <i>Npj Regenerative Medicine</i> , 2022, 7, 2.	5.2	24
8	Bioink with cartilage-derived extracellular matrix microfibers enables spatial control of vascular capillary formation in bioprinted constructs. <i>Biofabrication</i> , 2022, 14, 034104.	7.1	26
9	Volumetric Bioprinting of Organoids and Optically Tuned Hydrogels to Build Liver-Like Metabolic Biofactories. <i>Advanced Materials</i> , 2022, 34, e2110054.	21.0	100
10	Viscoelastic Chondroitin Sulfate and Hyaluronic Acid Double-Network Hydrogels with Reversible Cross-Links. <i>Biomacromolecules</i> , 2022, 23, 1350-1365.	5.4	29
11	Robust gelatin hydrogels for local sustained release of bupivacaine following spinal surgery. <i>Acta Biomaterialia</i> , 2022, 146, 145-158.	8.3	5
12	Platelet-Rich Plasma Does Not Inhibit Inflammation or Promote Regeneration in Human Osteoarthritic Chondrocytes <i>In Vitro</i> Despite Increased Proliferation. <i>Cartilage</i> , 2021, 13, 991S-1003S.	2.7	15
13	Evaluation of articular cartilage with quantitative MRI in an equine model of post-traumatic osteoarthritis. <i>Journal of Orthopaedic Research</i> , 2021, 39, 63-73.	2.3	16
14	Hydrogel-Based Bioinks for Cell Electrowriting of Well-Organized Living Structures with Micrometer-Scale Resolution. <i>Biomacromolecules</i> , 2021, 22, 855-866.	5.4	54
15	Topographic features of nano-pores within the osteochondral interface and their effects on transport properties – a 3D imaging and modeling study. <i>Journal of Biomechanics</i> , 2021, 123, 110504.	2.1	4
16	Comparison of in vitro and in vivo Toxicity of Bupivacaine in Musculoskeletal Applications. <i>Frontiers in Pain Research</i> , 2021, 2, 723883.	2.0	4
17	A Highly Ordered, Nanostructured Fluorinated Ca-P-Coated Melt Electrowritten Scaffold for Periodontal Tissue Regeneration. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101152.	7.6	32
18	3D-Printed Regenerative Magnesium Phosphate Implant Ensures Stability and Restoration of Hip Dysplasia. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101051.	7.6	15

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19	Bioprinting of Human Liverâ€Derived Epithelial Organoids for Toxicity Studies. <i>Macromolecular Bioscience</i> , 2021, 21, e2100327.	4.1	22
20	The Importance of Interfaces in Multiâ€Material Biofabricated Tissue Structures. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101021.	7.6	12
21	Potential of Melt Electrowritten Scaffolds Seeded with Meniscus Cells and Mesenchymal Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11200.	4.1	8
22	High-resolution lithographic biofabrication of hydrogels with complex microchannels from low-temperature-soluble gelatin bioresins. <i>Materials Today Bio</i> , 2021, 12, 100162.	5.5	38
23	3D extrusion bioprinting. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	21.2	127
24	Bio-ink development for three-dimensional bioprinting of hetero-cellular cartilage constructs. <i>Connective Tissue Research</i> , 2020, 61, 137-151.	2.3	78
25	Fiber Scaffold Patterning for Mending Hearts: 3D Organization Bringing the Next Step. <i>Advanced Healthcare Materials</i> , 2020, 9, e1900775.	7.6	24
26	Combining multi-scale 3D printing technologies to engineer reinforced hydrogel-ceramic interfaces. <i>Biofabrication</i> , 2020, 12, 025014.	7.1	90
27	A Multifunctional Nanocomposite Hydrogel for Endoscopic Tracking and Manipulation. <i>Advanced Intelligent Systems</i> , 2020, 2, 1900105.	6.1	16
28	Tough magnesium phosphate-based 3D-printed implants induce bone regeneration in an equine defect model. <i>Biomaterials</i> , 2020, 261, 120302.	11.4	87
29	Rapid and cytocompatible cell-laden silk hydrogel formation <i>via</i> riboflavin-mediated crosslinking. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9566-9575.	5.8	47
30	Melt electrowriting onto anatomically relevant biodegradable substrates: Resurfacing a diarthrodial joint. <i>Materials and Design</i> , 2020, 195, 109025.	7.0	39
31	Differential Production of Cartilage ECM in 3D Agarose Constructs by Equine Articular Cartilage Progenitor Cells and Mesenchymal Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7071.	4.1	11
32	Stable and Antibacterial Magnesiumâ€Graphene Nanocomposite-Based Implants for Bone Repair. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6253-6262.	5.2	32
33	Long-Term in Vivo Performance of Low-Temperature 3D-Printed Bioceramics in an Equine Model. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1681-1689.	5.2	9
34	Impact of Endotoxins in Gelatine Hydrogels on Chondrogenic Differentiation and Inflammatory Cytokine Secretion In Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8571.	4.1	14
35	A Theoretical and Experimental Study to Optimize Cell Differentiation in a Novel Intestinal Chip. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 763.	4.1	25
36	Importance of Timing of Platelet Lysate-Supplementation in Expanding or Redifferentiating Human Chondrocytes for Chondrogenesis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 804.	4.1	19

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37	Anisotropic hygro-expansion in hydrogel fibers owing to uniting 3D electrowriting and supramolecular polymer assembly. <i>European Polymer Journal</i> , 2020, 141, 110099.	5.4	13
38	Innovative Tissue-Engineered Strategies for Osteochondral Defect Repair and Regeneration: Current Progress and Challenges. <i>Advanced Healthcare Materials</i> , 2020, 9, e2001008.	7.6	57
39	Printability and Shape Fidelity of Bioinks in 3D Bioprinting. <i>Chemical Reviews</i> , 2020, 120, 11028-11055.	47.7	552
40	Bone Morphogenetic Protein-9 Is a Potent Chondrogenic and Morphogenic Factor for Articular Cartilage Chondroprogenitors. <i>Stem Cells and Development</i> , 2020, 29, 882-894.	2.1	21
41	Highly tunable bioactive fiber-reinforced hydrogel for guided bone regeneration. <i>Acta Biomaterialia</i> , 2020, 113, 164-176.	8.3	77
42	From Shape to Function: The Next Step in Bioprinting. <i>Advanced Materials</i> , 2020, 32, e1906423.	21.0	298
43	Rapid Photocrosslinking of Silk Hydrogels with High Cell Density and Enhanced Shape Fidelity. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901667.	7.6	96
44	A Multifunctional Nanocomposite Hydrogel for Endoscopic Tracking and Manipulation. <i>Advanced Intelligent Systems</i> , 2020, 2, 2070031.	6.1	2
45	Extracellular Matrix/Amorphous Magnesium Phosphate Bioink for 3D Bioprinting of Craniomaxillofacial Bone Tissue. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 23752-23763.	8.0	79
46	One-Step Photoactivation of a Dual-Functionalized Bioink as Cell Carrier and Cartilage-Binding Glue for Chondral Regeneration. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901792.	7.6	56
47	Orthotopic Bone Regeneration within 3D Printed Bioceramic Scaffolds with Region-Dependent Porosity Gradients in an Equine Model. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901807.	7.6	33
48	Bioprinting Neural Systems to Model Central Nervous System Diseases. <i>Advanced Functional Materials</i> , 2020, 30, 1910250.	14.9	38
49	Topographic Guidance in Melt-Electrowritten Tubular Scaffolds Enhances Engineered Kidney Tubule Performance. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 617364.	4.1	28
50	Multitechnology Biofabrication: A New Approach for the Manufacturing of Functional Tissue Structures?. <i>Trends in Biotechnology</i> , 2020, 38, 1316-1328.	9.3	68
51	Simultaneous Micropatterning of Fibrous Meshes and Bioinks for the Fabrication of Living Tissue Constructs. <i>Advanced Healthcare Materials</i> , 2019, 8, e1800418.	7.6	92
52	A Versatile Biosynthetic Hydrogel Platform for Engineering of Tissue Analogues. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900979.	7.6	69
53	Volumetric Bioprinting of Complex Living Tissue Constructs within Seconds. <i>Advanced Materials</i> , 2019, 31, e1904209.	21.0	286
54	Rethinking articular cartilage regeneration based on a 250-year-old statement. <i>Nature Reviews Rheumatology</i> , 2019, 15, 571-572.	8.0	44

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55	Biofabrication: Volumetric Bioprinting of Complex Living Tissue Constructs within Seconds (Adv.) <i>Tissue Engineering Part B: Applied Biomaterials</i> , 2019, 23, 107-116.	21.0	143
56	Fabrication of Decellularized Cartilage-derived Matrix Scaffolds. <i>Journal of Visualized Experiments</i> , 2019, 191, 1-10.	0.3	6
57	Bi-layered micro-fibre reinforced hydrogels for articular cartilage regeneration. <i>Acta Biomaterialia</i> , 2019, 95, 297-306.	8.3	89
58	Arthroscopic Determination of Cartilage Proteoglycan Content and Collagen Network Structure with Near-Infrared Spectroscopy. <i>Annals of Biomedical Engineering</i> , 2019, 47, 1815-1826.	2.5	32
59	Mimicking the Articular Joint with In Vitro Models. <i>Trends in Biotechnology</i> , 2019, 37, 1063-1077.	9.3	27
60	Visible Light Crosslinking of Gelatin Hydrogels Offers an Enhanced Cell Microenvironment with Improved Light Penetration Depth. <i>Macromolecular Bioscience</i> , 2019, 19, e1900098.	4.1	127
61	Building Blocks for Biofabricated Models. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900326.	7.6	3
62	Organs by design. <i>Current Opinion in Organ Transplantation</i> , 2019, 24, 562-567.	1.6	7
63	A Stimuli-Responsive Nanocomposite for 3D Anisotropic Cell Guidance and Magnetic Soft Robotics. <i>Advanced Functional Materials</i> , 2019, 29, 1804647.	14.9	126
64	Fabrication of Kidney Proximal Tubule Grafts Using Biofunctionalized Electrospun Polymer Scaffolds. <i>Macromolecular Bioscience</i> , 2019, 19, e1800412.	4.1	20
65	Bio-resin for high resolution lithography-based biofabrication of complex cell-laden constructs. <i>Biofabrication</i> , 2018, 10, 034101.	7.1	216
66	Non-enzymatic crosslinking of collagen type II fibrils is tuned via osmolality switch. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1929-1936.	2.3	3
67	Mechanical behavior of a soft hydrogel reinforced with three-dimensional printed microfibre scaffolds. <i>Scientific Reports</i> , 2018, 8, 1245.	3.3	116
68	Potential Health and Environmental Risks of Three-Dimensional Engineered Polymers. <i>Environmental Science and Technology Letters</i> , 2018, 5, 80-85.	8.7	45
69	Assessing bioink shape fidelity to aid material development in 3D bioprinting. <i>Biofabrication</i> , 2018, 10, 014102.	7.1	272
70	Out-of-plane 3D-Printed Microfibers Improve the Shear Properties of Hydrogel Composites. <i>Small</i> , 2018, 14, 1702773.	10.0	53
71	Biofabrication: A Guide to Technology and Terminology. <i>Trends in Biotechnology</i> , 2018, 36, 384-402.	9.3	465
72	Thermoplastic PCL-b-PEG-b-PCL and HDI Polyurethanes for Extrusion-Based 3D-Printing of Tough Hydrogels. <i>Bioengineering</i> , 2018, 5, 99.	3.5	26

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73	Arthroscopic near infrared spectroscopy enables simultaneous quantitative evaluation of articular cartilage and subchondral bone in vivo. <i>Scientific Reports</i> , 2018, 8, 13409.	3.3	33
74	Extracellular Vesicles in Joint Disease and Therapy. <i>Frontiers in Immunology</i> , 2018, 9, 2575.	4.8	34
75	Multi-scale imaging techniques to investigate solute transport across articular cartilage. <i>Journal of Biomechanics</i> , 2018, 78, 10-20.	2.1	23
76	Melt Electrowriting Allows Tailored Microstructural and Mechanical Design of Scaffolds to Advance Functional Human Myocardial Tissue Formation. <i>Advanced Functional Materials</i> , 2018, 28, 1803151.	14.9	125
77	Ex vivo model unravelling cell distribution effect in hydrogels for cartilage repair. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2018, 35, 65-76.	1.5	25
78	Chondrogenesis by bone marrow-derived mesenchymal stem cells grown in chondrocyte-conditioned medium for auricular reconstruction. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 2763-2773.	2.7	28
79	Development of a thermosensitive HAMA-containing bio-ink for the fabrication of composite cartilage repair constructs. <i>Biofabrication</i> , 2017, 9, 015026.	7.1	85
80	Converging biofabrication and organoid technologies: the next frontier in hepatic and intestinal tissue engineering?. <i>Biofabrication</i> , 2017, 9, 013001.	7.1	78
81	Improved bovine embryo production in an oviduct-on-a-chip system: prevention of poly-spermic fertilization and parthenogenic activation. <i>Lab on A Chip</i> , 2017, 17, 905-916.	6.0	49
82	From intricate to integrated: Biofabrication of articulating joints. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2089-2097.	2.3	35
83	Tissue Engineering: Melt Electrospinning Writing of Poly(ε-Hydroxymethylglycolide)-caprolactone-Based Scaffolds for Cardiac Tissue Engineering (Adv. Healthcare Mater. 18/2017). <i>Advanced Healthcare Materials</i> , 2017, 6, .	7.6	1
84	Double printing of hyaluronic acid/poly(glycidol) hybrid hydrogels with poly(ε-caprolactone) for MSC chondrogenesis. <i>Biofabrication</i> , 2017, 9, 044108.	7.1	119
85	Melt Electrospinning Writing of Poly(ε-Hydroxymethylglycolide)-caprolactone-Based Scaffolds for Cardiac Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700311.	7.6	144
86	Fixation of Hydrogel Constructs for Cartilage Repair in the Equine Model: A Challenging Issue. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 804-814.	2.1	31
87	The bio in the ink: cartilage regeneration with bioprintable hydrogels and articular cartilage-derived progenitor cells. <i>Acta Biomaterialia</i> , 2017, 61, 41-53.	8.3	247
88	Additive Biomanufacturing: An Advanced Approach for Periodontal Tissue Regeneration. <i>Annals of Biomedical Engineering</i> , 2017, 45, 12-22.	2.5	87
89	Three-Dimensional Bioprinting and Its Potential in the Field of Articular Cartilage Regeneration. <i>Cartilage</i> , 2017, 8, 327-340.	2.7	90
90	Additive Manufacturing of Biomaterials, Tissues, and Organs. <i>Annals of Biomedical Engineering</i> , 2017, 45, 1-11.	2.5	301

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91	Triblock Copolymers Based on $\hat{\mu}$ -Caprolactone and Trimethylene Carbonate for the 3D Printing of Tissue Engineering Scaffolds. <i>International Journal of Artificial Organs</i> , 2017, 40, 176-184.	1.4	12
92	Synovial fluid pretreatment with hyaluronidase facilitates isolation of CD44+ extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2016, 5, 31751.	12.2	28
93	A Step Towards Clinical Translation of Biofabrication. <i>Trends in Biotechnology</i> , 2016, 34, 356-357.	9.3	16
94	From the printer: Potential of three-dimensional printing for orthopaedic Applications. <i>Journal of Orthopaedic Translation</i> , 2016, 6, 42-49.	3.9	70
95	A Synthetic Thermosensitive Hydrogel for Cartilage Bioprinting and Its Biofunctionalization with Polysaccharides. <i>Biomacromolecules</i> , 2016, 17, 2137-2147.	5.4	111
96	Yield stress determines bioprintability of hydrogels based on gelatin-methacryloyl and gellan gum for cartilage bioprinting. <i>Biofabrication</i> , 2016, 8, 035003.	7.1	261
97	Hydrogel-based reinforcement of 3D bioprinted constructs. <i>Biofabrication</i> , 2016, 8, 035004.	7.1	81
98	Accurate Measurements of the Skin Surface Area of the Healthy Auricle and Skin Deficiency in Microtia Patients. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2016, 4, e1146.	0.6	5
99	Articular cartilage generation applying PEG-LA-DM/PEGDM copolymer hydrogels. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 245.	1.9	13
100	Biofabrication: reappraising the definition of an evolving field. <i>Biofabrication</i> , 2016, 8, 013001.	7.1	523
101	Cartilage defect repair in horses: Current strategies and recent developments in regenerative medicine of the equine joint with emphasis on the surgical approach. <i>Veterinary Journal</i> , 2016, 214, 61-71.	1.7	19
102	Gelatin-Methacryloyl Hydrogels: Towards Biofabrication-Based Tissue Repair. <i>Trends in Biotechnology</i> , 2016, 34, 394-407.	9.3	599
103	Combining regenerative medicine strategies to provide durable reconstructive options: auricular cartilage tissue engineering. <i>Stem Cell Research and Therapy</i> , 2016, 7, 19.	5.5	53
104	Musculoskeletal regeneration research network: A global initiative. <i>Journal of Orthopaedic Translation</i> , 2015, 3, 160-165.	3.9	1
105	Reinforcement of hydrogels using three-dimensionally printed microfibres. <i>Nature Communications</i> , 2015, 6, 6933.	12.8	567
106	Biofabrication of reinforced 3D-scaffolds using two-component hydrogels. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9067-9078.	5.8	56
107	Decellularized Cartilage-Derived Matrix as Substrate for Endochondral Bone Regeneration. <i>Tissue Engineering - Part A</i> , 2015, 21, 694-703.	3.1	61
108	Endochondral bone formation in gelatin methacrylamide hydrogel with embedded cartilage-derived matrix particles. <i>Biomaterials</i> , 2015, 37, 174-182.	11.4	153

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109	Hyaluronic Acid Enhances the Mechanical Properties of Tissue-Engineered Cartilage Constructs. PLoS ONE, 2014, 9, e113216.	2.5	124
110	Chondrocyte redifferentiation and construct mechanical property development in single-component photocrosslinkable hydrogels. Journal of Biomedical Materials Research - Part A, 2014, 102, 2544-2553.	4.0	56
111	Covalent attachment of a three-dimensionally printed thermoplast to a gelatin hydrogel for mechanically enhanced cartilage constructs. Acta Biomaterialia, 2014, 10, 2602-2611.	8.3	123
112	Flow-perfusion interferes with chondrogenic and hypertrophic matrix production by mesenchymal stem cells. Journal of Biomechanics, 2014, 47, 2122-2129.	2.1	35
113	A biomimetic extracellular matrix for cartilage tissue engineering centered on photocurable gelatin, hyaluronic acid and chondroitin sulfate. Acta Biomaterialia, 2014, 10, 214-223.	8.3	291
114	Biofabrication of tissue constructs by 3D bioprinting of cell-laden microcarriers. Biofabrication, 2014, 6, 035020.	7.1	310
115	Development and characterisation of a new bioink for additive tissue manufacturing. Journal of Materials Chemistry B, 2014, 2, 2282.	5.8	182
116	25th Anniversary Article: Engineering Hydrogels for Biofabrication. Advanced Materials, 2013, 25, 5011-5028.	21.0	1,522
117	Gelatin-Methacrylamide Hydrogels as Potential Biomaterials for Fabrication of Tissue-Engineered Cartilage Constructs. Macromolecular Bioscience, 2013, 13, 551-561.	4.1	646
118	Extracellular matrix scaffolds for cartilage and bone regeneration. Trends in Biotechnology, 2013, 31, 169-176.	9.3	465
119	Current Trends in Cartilage Science. Cartilage, 2013, 4, 273-280.	2.7	1
120	Of Mice, Men and Elephants: The Relation between Articular Cartilage Thickness and Body Mass. PLoS ONE, 2013, 8, e57683.	2.5	106
121	Additive manufacturing of tissues and organs. Progress in Polymer Science, 2012, 37, 1079-1104.	24.7	997
122	A Printable Photopolymerizable Thermosensitive p(HPMAm-lactate)-PEG Hydrogel for Tissue Engineering. Advanced Functional Materials, 2011, 21, 1833-1842.	14.9	147
123	Localization of the Potential Zonal Marker Clusterin in Native Cartilage and in Tissue-Engineered Constructs. Tissue Engineering - Part A, 2010, 16, 897-904.	3.1	21
124	Supply of Nutrients to Cells in Engineered Tissues. Biotechnology and Genetic Engineering Reviews, 2009, 26, 163-178.	6.2	149
125	Tissue Engineering of Articular Cartilage with Biomimetic Zones. Tissue Engineering - Part B: Reviews, 2009, 15, 143-157.	4.8	273
126	Cell nutrition. , 2008, , 327-362.		6



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127	Oxygen gradients correlate with cell density and cell viability in engineered cardiac tissue. <i>Biotechnology and Bioengineering</i> , 2006, 93, 332-343.	3.3	360
128	Heterogeneous proliferation within engineered cartilaginous tissue: the role of oxygen tension. <i>Biotechnology and Bioengineering</i> , 2005, 91, 607-615.	3.3	155
129	Cartilage Tissue Engineering: Controversy in the Effect of Oxygen. <i>Critical Reviews in Biotechnology</i> , 2003, 23, 175-194.	9.0	109
130	Cartilage Tissue Engineering: Controversy in the Effect of Oxygen. <i>Critical Reviews in Biotechnology</i> , 2003, 23, 175-194.	9.0	68
131	Hydrodynamics and mass transfer in a tubular airlift photobioreactor. <i>Journal of Applied Phycology</i> , 2002, 14, 169-184.	2.8	67