

Alexandra Pinto Marques

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

139
papers

6,182
citations

41
h-index

76
g-index

152
ext. papers

7,096
ext. citations

7.8
avg, IF

5.98
L-index

#	Paper	IF	Citations
139	Recreation of a hair follicle regenerative microenvironment: Successes and pitfalls.. <i>Bioengineering and Translational Medicine</i> , 2022 , 7, e10235	14.8	0
138	Pushing the Natural Frontier: Progress on the Integration of Biomaterial Cues towards Combinatorial Biofabrication and Tissue Engineering.. <i>Advanced Materials</i> , 2022 , e2105645	24	3
137	Biofabrication Technologies in Hair Neof ormation. <i>Pancreatic Islet Biology</i> , 2022 , 255-274	0.4	
136	Engineering Polysaccharide-Based Hydrogel Photonic Constructs: From Multiscale Detection to the Biofabrication of Living Optical Fibers. <i>Advanced Materials</i> , 2021 , e2105361	24	10
135	Engineering Hydrogel-Based Biomedical Photonics: Design, Fabrication, and Applications. <i>Advanced Materials</i> , 2021 , 33, e2006582	24	14
134	Dermal papilla cells and melanocytes response to physiological oxygen levels depends on their interactions. <i>Cell Proliferation</i> , 2021 , 54, e13013	7.9	4
133	3D flow-focusing microfluidic biofabrication: One-chip-fits-all hydrogel fiber architectures. <i>Applied Materials Today</i> , 2021 , 23, 101013	6.6	4
132	3D-Printed Gelatin Methacrylate Scaffolds with Controlled Architecture and Stiffness Modulate the Fibroblast Phenotype towards Dermal Regeneration. <i>Polymers</i> , 2021 , 13,	4.5	8
131	Rescuing key native traits in cultured dermal papilla cells for human hair regeneration. <i>Journal of Advanced Research</i> , 2021 , 30, 103-112	13	3
130	Microscopy-guided laser ablation for the creation of complex skin models with folliculoid appendages. <i>Bioengineering and Translational Medicine</i> , 2021 , 6, e10195	14.8	2
129	In vitro vascularization of tissue engineered constructs by non-viral delivery of pro-angiogenic genes. <i>Biomaterials Science</i> , 2021 , 9, 2067-2081	7.4	2
128	Interfollicular epidermal stem-like cells for the recreation of the hair follicle epithelial compartment. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 62	8.3	3
127	Keratinocyte Growth Factor-Based Strategies for Wound Re-Epithelialization. <i>Tissue Engineering - Part B: Reviews</i> , 2021 ,	7.9	1
126	3DICE coding matrix multidirectional macro-architecture modulates cell organization, shape, and co-cultures endothelization network. <i>Biomaterials</i> , 2021 , 277, 121112	15.6	2
125	Vascularization in skin wound healing: where do we stand and where do we go?. <i>Current Opinion in Biotechnology</i> , 2021 , 73, 253-262	11.4	6
124	Fucoidan Immobilized at the Surface of a Fibrous Mesh Presents Toxic Effects over Melanoma Cells, But Not over Noncancer Skin Cells. <i>Biomacromolecules</i> , 2020 , 21, 2745-2754	6.9	5
123	High-throughput fabrication of cell-laden 3D biomaterial gradients. <i>Materials Horizons</i> , 2020 , 7, 2414-2421	11.4	13

122	Tailoring Gellan Gum Spongy-Like HydrogelsTMicrostructure by Controlling Freezing Parameters. <i>Polymers</i> , 2020 , 12,	4.5	5
121	The stiffness of living tissues and its implications for tissue engineering. <i>Nature Reviews Materials</i> , 2020 , 5, 351-370	73.3	347
120	Regeneration Using Tissue Engineered Skin Strategies 2020 , 255-289		1
119	Microfluidics for Processing of Biomaterials. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1230, 15-25	3.6	1
118	3D in vitro cutaneous melanoma models 2020 , 287-303		
117	Convection patterns gradients of non-living and living micro-entities in hydrogels. <i>Applied Materials Today</i> , 2020 , 21, 100859	6.6	1
116	Endothelial Progenitor Cells and Their Niches 2019 , 423-423		
115	Hydrogel-Based Strategies to Advance Therapies for Chronic Skin Wounds. <i>Annual Review of Biomedical Engineering</i> , 2019 , 21, 145-169	12	57
114	Interfollicular Epidermal Stem Cells: Boosting and Rescuing from Adult Skin. <i>Methods in Molecular Biology</i> , 2019 , 1879, 101-110	1.4	4
113	Skin Mechanobiology and Biomechanics: From Homeostasis to Wound Healing 2019 , 343-360		2
112	Strategies for the hypothermic preservation of cell sheets of human adipose stem cells. <i>PLoS ONE</i> , 2019 , 14, e0222597	3.7	11
111	Electroactive Gellan Gum/Polyaniline Spongy-Like Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 1779-1787	5.5	17
110	Gellan Gum Hydrogels with Enzyme-Sensitive Biodegradation and Endothelial Cell Biorecognition Sites. <i>Advanced Healthcare Materials</i> , 2018 , 7, 1700686	10.1	24
109	Control of osmotic pressure to improve cell viability in cell-laden tissue engineering constructs. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018 , 12, e1063-e1067	4.4	14
108	Gellan gum-hydroxyapatite composite spongy-like hydrogels for bone tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2018 , 106, 479-490	5.4	39
107	Tunable anisotropic networks for 3-D oriented neural tissue models. <i>Biomaterials</i> , 2018 , 181, 402-414	15.6	25
106	Generation of Gellan Gum-Based Adipose-Like Microtissues. <i>Bioengineering</i> , 2018 , 5,	5.3	3
105	Injectable gellan-gum/hydroxyapatite-based bilayered hydrogel composites for osteochondral tissue regeneration. <i>Applied Materials Today</i> , 2018 , 12, 309-321	6.6	29

104	Stem Cells for Osteochondral Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1059, 219-240	3.6	8
103	Bioreactors and Microfluidics for Osteochondral Interface Maturation. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1059, 395-420	3.6	7
102	Marine Collagen/Apatite Composite Scaffolds Envisaging Hard Tissue Applications. <i>Marine Drugs</i> , 2018 , 16,	6	36
101	Advanced therapies in wound management: cell and tissue based therapies, physical and bio-physical therapies smart and IT based technologies. <i>Journal of Wound Care</i> , 2018 , 27, S1-S137	2.2	33
100	Skin in vitro models to study dermal white adipose tissue role in skin healing 2018 , 327-352		
99	Biochemical Gradients to Generate 3D Heterotypic-Like Tissues with Isotropic and Anisotropic Architectures. <i>Advanced Functional Materials</i> , 2018 , 28, 1804148	15.6	33
98	Evaluation of the Potential of Collagen from Codfish Skin as a Biomaterial for Biomedical Applications. <i>Marine Drugs</i> , 2018 , 16,	6	45
97	Interactive endothelial phenotype maintenance and osteogenic differentiation of adipose tissue stromal vascular fraction SSEA-4 -derived cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 1998-2013	4.4	6
96	Can host reaction animal models be used to predict and modulate skin regeneration?. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 2295-2303	4.4	1
95	Silk-based anisotropical 3D biotextiles for bone regeneration. <i>Biomaterials</i> , 2017 , 123, 92-106	15.6	37
94	Synthesis and Characterization of Electroactive Gellan Gum Spongy-Like Hydrogels for Skeletal Muscle Tissue Engineering Applications. <i>Tissue Engineering - Part A</i> , 2017 , 23, 968-979	3.9	22
93	In vivo osteogenic differentiation of stem cells inside compartmentalized capsules loaded with co-cultured endothelial cells. <i>Acta Biomaterialia</i> , 2017 , 53, 483-494	10.8	20
92	Stem Cell-Containing Hyaluronic Acid-Based Spongy Hydrogels for Integrated Diabetic Wound Healing. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 1541-1551	4.3	40
91	Eumelanin-releasing spongy-like hydrogels for skin re-epithelialization purposes. <i>Biomedical Materials (Bristol)</i> , 2017 , 12, 025010	3.5	12
90	Cell sheet engineering using the stromal vascular fraction of adipose tissue as a vascularization strategy. <i>Acta Biomaterialia</i> , 2017 , 55, 131-143	10.8	22
89	Mastocarcinoma therapy synergistically promoted by lysosome dependent apoptosis specifically evoked by 5-Fu@nanogel system with passive targeting and pH activatable dual function. <i>Journal of Controlled Release</i> , 2017 , 254, 107-118	11.7	37
88	Influence of freezing temperature and deacetylation degree on the performance of freeze-dried chitosan scaffolds towards cartilage tissue engineering. <i>European Polymer Journal</i> , 2017 , 95, 232-240	5.2	33
87	Osteochondral Tissue Engineering and Regenerative Strategies. <i>Studies in Mechanobiology, Tissue Engineering and Biomaterials</i> , 2017 , 213-233	0.5	5

86	Modulating cell adhesion to polybutylene succinate biotextile constructs for tissue engineering applications. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 2853-2863	4.4	8
85	Stem Cells in Skin Wound Healing: Are We There Yet?. <i>Advances in Wound Care</i> , 2016 , 5, 164-175	4.8	77
84	Semipermeable Capsules Wrapping a Multifunctional and Self-regulated Co-culture Microenvironment for Osteogenic Differentiation. <i>Scientific Reports</i> , 2016 , 6, 21883	4.9	48
83	Neovascularization Induced by the Hyaluronic Acid-Based Spongy-Like Hydrogels Degradation Products. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33464-33474	9.5	47
82	Growth Factor-Free Pre-vascularization of Cell Sheets for Tissue Engineering. <i>Methods in Molecular Biology</i> , 2016 , 1516, 219-226	1.4	6
81	Cartilage and Bone Regeneration How Close Are We to Bedside? 2016 , 89-106		4
80	Platelet lysate-based pro-angiogenic nanocoatings. <i>Acta Biomaterialia</i> , 2016 , 32, 129-137	10.8	23
79	Engineered hydrogel-based matrices for skin wound healing 2016 , 227-250		3
78	Influence of different surface modification treatments on silk biotextiles for tissue engineering applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016 , 104, 496-507	3.5	16
77	Hydrogels in Bone Tissue Engineering: A Multi-Parametric Approach 2016 , 165-197		1
76	Depth (Z-axis) control of cell morphologies on micropatterned surfaces. <i>Journal of Bioactive and Compatible Polymers</i> , 2015 , 30, 555-567	2	2
75	Cork extracts reduce UV-mediated DNA fragmentation and cell death. <i>RSC Advances</i> , 2015 , 5, 96151-96157	13.7	11
74	Epidermis recreation in spongy-like hydrogels. <i>Materials Today</i> , 2015 , 18, 468-469	21.8	5
73	Cell selective chitosan microparticles as injectable cell carriers for tissue regeneration. <i>Biomaterials</i> , 2015 , 43, 23-31	15.6	55
72	Development of an injectable PHBV microparticles-GG hydrogel hybrid system for regenerative medicine. <i>International Journal of Pharmaceutics</i> , 2015 , 478, 398-408	6.5	26
71	Spray-assisted layer-by-layer assembly on hyaluronic acid scaffolds for skin tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 330-40	5.4	62
70	Presence of starch enhances in vitro biodegradation and biocompatibility of a gentamicin delivery formulation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015 , 103, 1610-20	3.5	4
69	Polyhydroxybutyrate-co-hydroxyvalerate structures loaded with adipose stem cells promote skin healing with reduced scarring. <i>Acta Biomaterialia</i> , 2015 , 17, 170-81	10.8	74

68	The Crosstalk between Tissue Engineering and Pharmaceutical Biotechnology: Recent Advances and Future Directions. <i>Current Pharmaceutical Biotechnology</i> , 2015 , 16, 1012-23	2.6	8
67	Cell sheet technology-driven re-epithelialization and neovascularization of skin wounds. <i>Acta Biomaterialia</i> , 2014 , 10, 3145-55	10.8	56
66	Bottom-up approach to construct microfabricated multi-layer scaffolds for bone tissue engineering. <i>Biomedical Microdevices</i> , 2014 , 16, 69-78	3.7	16
65	Boosting and rescuing epidermal superior population from fresh keratinocyte cultures. <i>Stem Cells and Development</i> , 2014 , 23, 34-43	4.4	30
64	Gellan gum-hyaluronic acid spongy-like hydrogels and cells from adipose tissue synergize promoting neoskin vascularization. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 19668-79	9.5	69
63	Engineering cell-adhesive gellan gum spongy-like hydrogels for regenerative medicine purposes. <i>Acta Biomaterialia</i> , 2014 , 10, 4787-4797	10.8	64
62	Human mesenchymal stem cells response to multi-doped silicon-strontium calcium phosphate coatings. <i>Journal of Biomaterials Applications</i> , 2014 , 28, 1397-407	2.9	11
61	The osteogenic differentiation of SSEA-4 sub-population of human adipose derived stem cells using silicate nanoplatelets. <i>Biomaterials</i> , 2014 , 35, 9087-99	15.6	83
60	A two-component pre-seeded dermal-epidermal scaffold. <i>Acta Biomaterialia</i> , 2014 , 10, 4928-4938	10.8	15
59	Fabrication of endothelial cell-laden carrageenan microfibers for microvascularized bone tissue engineering applications. <i>Biomacromolecules</i> , 2014 , 15, 2849-60	6.9	41
58	Nanoparticulate bioactive-glass-reinforced gellan-gum hydrogels for bone-tissue engineering. <i>Materials Science and Engineering C</i> , 2014 , 43, 27-36	8.3	89
57	Endothelial cells enhance the in vivo bone-forming ability of osteogenic cell sheets. <i>Laboratory Investigation</i> , 2014 , 94, 663-73	5.9	32
56	Evaluation of the in vitro and in vivo biocompatibility of carrageenan-based hydrogels. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 4087-97	5.4	45
55	Human skin cell fractions fail to self-organize within a gellan gum/hyaluronic acid matrix but positively influence early wound healing. <i>Tissue Engineering - Part A</i> , 2014 , 20, 1369-78	3.9	33
54	Poly(hydroxybutyrate-co-hydroxyvalerate) bilayer skin tissue engineering constructs with improved epidermal rearrangement. <i>Macromolecular Bioscience</i> , 2014 , 14, 977-90	5.5	20
53	Effect of monocytes/macrophages on the early osteogenic differentiation of hBMSCs. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013 , 7, 392-400	4.4	87
52	Vascular endothelial growth factor and fibroblast growth factor-2 incorporation in starch-based bone tissue-engineered constructs promote the in vivo expression of neovascularization mediators. <i>Tissue Engineering - Part A</i> , 2013 , 19, 834-48	3.9	17
51	Adipose stem cell-derived osteoblasts sustain the functionality of endothelial progenitors from the mononuclear fraction of umbilical cord blood. <i>Acta Biomaterialia</i> , 2013 , 9, 5234-42	10.8	12

50	Photocrosslinkable kappa-carrageenan hydrogels for tissue engineering applications. <i>Advanced Healthcare Materials</i> , 2013 , 2, 895-907	10.1	140
49	Hyaluronan and self-assembling peptides as building blocks to reconstruct the extracellular environment in skin tissue. <i>Biomaterials Science</i> , 2013 , 1, 952-964	7.4	22
48	Human adipose stem cells cell sheet constructs impact epidermal morphogenesis in full-thickness excisional wounds. <i>Biomacromolecules</i> , 2013 , 14, 3997-4008	6.9	71
47	In vivo performance of chitosan/soy-based membranes as wound-dressing devices for acute skin wounds. <i>Tissue Engineering - Part A</i> , 2013 , 19, 860-9	3.9	37
46	Human adipose tissue-derived SSEA-4 subpopulation multi-differentiation potential towards the endothelial and osteogenic lineages. <i>Tissue Engineering - Part A</i> , 2013 , 19, 235-46	3.9	36
45	Interfollicular epidermal stem cells: boosting and rescuing from adult skin. <i>Methods in Molecular Biology</i> , 2013 , 989, 1-9	1.4	5
44	Bioactive silicate nanoplatelets for osteogenic differentiation of human mesenchymal stem cells. <i>Advanced Materials</i> , 2013 , 25, 3329-36	24	365
43	New biotextiles for tissue engineering: development, characterization and in vitro cellular viability. <i>Acta Biomaterialia</i> , 2013 , 9, 8167-81	10.8	55
42	An investigation of the potential application of chitosan/aloe-based membranes for regenerative medicine. <i>Acta Biomaterialia</i> , 2013 , 9, 6790-7	10.8	98
41	Unleashing the potential of supercritical fluids for polymer processing in tissue engineering and regenerative medicine. <i>Journal of Supercritical Fluids</i> , 2013 , 79, 177-185	4.2	41
40	Gellan Gum-Based Hydrogel Bilayered Scaffolds for Osteochondral Tissue Engineering. <i>Key Engineering Materials</i> , 2013 , 587, 255-260	0.4	43
39	Wound Healing Microenvironmental Cues: From Tissue Analogs to Skin Regeneration. <i>Current Tissue Engineering</i> , 2013 , 2, 145-153		4
38	Fibroblasts regulate osteoblasts through gap junctional communication. <i>Cytotherapy</i> , 2012 , 14, 1276-87	4.8	11
37	The use of ionic liquids in the processing of chitosan/silk hydrogels for biomedical applications. <i>Green Chemistry</i> , 2012 , 14, 1463	10	74
36	Perivascular-like cells contribute to the stability of the vascular network of osteogenic tissue formed from cell sheet-based constructs. <i>PLoS ONE</i> , 2012 , 7, e41051	3.7	41
35	Osteogenic differentiation of two distinct subpopulations of human adipose-derived stem cells: an in vitro and in vivo study. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012 , 6, 1-11	4.4	42
34	Using stem cells in skin regeneration: possibilities and reality. <i>Stem Cells and Development</i> , 2012 , 21, 1201-14	4.4	30
33	Responsive Polymer Coatings for Smart Applications in Chromatography, Drug Delivery Systems, and Cell Sheet Engineering 2012 , 321-354		1

32	The influence of patterned nanofiber meshes on human mesenchymal stem cell osteogenesis. <i>Macromolecular Bioscience</i> , 2011 , 11, 978-87	5.5	43
31	Development of osteogenic cell sheets for bone tissue engineering applications. <i>Tissue Engineering - Part A</i> , 2011 , 17, 1507-15	3.9	56
30	Chitosan improves the biological performance of soy-based biomaterials. <i>Tissue Engineering - Part A</i> , 2010 , 16, 2883-90	3.9	13
29	Gellan gum injectable hydrogels for cartilage tissue engineering applications: in vitro studies and preliminary in vivo evaluation. <i>Tissue Engineering - Part A</i> , 2010 , 16, 343-53	3.9	120
28	Biodegradable nanofibers-reinforced microfibrinous composite scaffolds for bone tissue engineering. <i>Tissue Engineering - Part A</i> , 2010 , 16, 3599-609	3.9	39
27	In vivo short-term and long-term host reaction to starch-based scaffolds. <i>Acta Biomaterialia</i> , 2010 , 6, 4314-26	10.8	35
26	Surface modification of starch based biomaterials by oxygen plasma or UV-irradiation. <i>Journal of Materials Science: Materials in Medicine</i> , 2010 , 21, 21-32	4.5	41
25	Cell interactions in bone tissue engineering. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 93-102	5.6	38
24	Carboxymethylchitosan/poly(amidoamine) dendrimer nanoparticles in central nervous systems-regenerative medicine: effects on neuron/glia cell viability and internalization efficiency. <i>Macromolecular Bioscience</i> , 2010 , 10, 1130-40	5.5	20
23	Osteogenic induction of hBMSCs by electrospun scaffolds with dexamethasone release functionality. <i>Biomaterials</i> , 2010 , 31, 5875-85	15.6	144
22	Silicon-hydroxyapatite bioactive coatings (Si-HA) from diatomaceous earth and silica. Study of adhesion and proliferation of osteoblast-like cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2009 , 20, 1131-6	4.5	52
21	Hierarchical starch-based fibrous scaffold for bone tissue engineering applications. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009 , 3, 37-42	4.4	170
20	Performance of new gellan gum hydrogels combined with human articular chondrocytes for cartilage regeneration when subcutaneously implanted in nude mice. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009 , 3, 493-500	4.4	56
19	Surface modification of electrospun polycaprolactone nanofiber meshes by plasma treatment to enhance biological performance. <i>Small</i> , 2009 , 5, 1195-206	11	196
18	The effect of chitosan on the in vitro biological performance of chitosan-poly(butylene succinate) blends. <i>Biomacromolecules</i> , 2008 , 9, 1139-45	6.9	49
17	Biocompatibility of starch-based polymers 2008 , 738-760		2
16	In vivo tissue responses to natural-origin biomaterials 2008 , 683-698		
15	A novel enzymatically-mediated drug delivery carrier for bone tissue engineering applications: combining biodegradable starch-based microparticles and differentiation agents. <i>Journal of Materials Science: Materials in Medicine</i> , 2008 , 19, 1617-23	4.5	41

14	Surface Engineered Carboxymethylchitosan/Poly(amidoamine) Dendrimer Nanoparticles for Intracellular Targeting. <i>Advanced Functional Materials</i> , 2008 , 18, 1840-1853	15.6	50
13	Effect of chitosan membrane surface modification via plasma induced polymerization on the adhesion of osteoblast-like cells. <i>Journal of Materials Chemistry</i> , 2007 , 17, 4064		103
12	Natural origin biodegradable systems in tissue engineering and regenerative medicine: present status and some moving trends. <i>Journal of the Royal Society Interface</i> , 2007 , 4, 999-1030	4.1	843
11	In vitro evaluation of the behaviour of human polymorphonuclear neutrophils in direct contact with chitosan-based membranes. <i>Journal of Biotechnology</i> , 2007 , 132, 218-26	3.7	39
10	Inhibition of human neutrophil oxidative burst by pyrazolone derivatives. <i>Free Radical Biology and Medicine</i> , 2006 , 40, 632-40	7.8	120
9	Hydroxyapatite reinforcement of different starch-based polymers affects osteoblast-like cells adhesion/spreading and proliferation. <i>Materials Science and Engineering C</i> , 2005 , 25, 215-229	8.3	48
8	An in vivo study of the host response to starch-based polymers and composites subcutaneously implanted in rats. <i>Macromolecular Bioscience</i> , 2005 , 5, 775-85	5.5	51
7	Effect of starch-based biomaterials on the in vitro proliferation and viability of osteoblast-like cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2005 , 16, 833-42	4.5	29
6	The effect of starch-based biomaterials on leukocyte adhesion and activation in vitro. <i>Journal of Materials Science: Materials in Medicine</i> , 2005 , 16, 1029-43	4.5	16
5	Surface modification of starch based blends using potassium permanganate-nitric acid system and its effect on the adhesion and proliferation of osteoblast-like cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2005 , 16, 81-92	4.5	43
4	Cytokine secretion from mononuclear cells cultured in vitro with starch-based polymers and poly-L-lactide. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 71, 419-29		38
3	Evaluation of the potential of starch-based biodegradable polymers in the activation of human inflammatory cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2003 , 14, 167-73	4.5	16
2	The biocompatibility of novel starch-based polymers and composites: in vitro studies. <i>Biomaterials</i> , 2002 , 23, 1471-8	15.6	294
1	3D Printed Scaffolds Incorporated with Platelet-Rich Plasma Show Enhanced Angiogenic Potential while not Inducing Fibrosis. <i>Advanced Functional Materials</i> , 2109915	15.6	1