

Michael V Sefton

List of Publications by Year in descending order

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135
papers

6,045
citations

94433

37
h-index

79698

73
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139
all docs

139
docs citations

139
times ranked

6620
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomaterial-associated thrombosis: roles of coagulation factors, complement, platelets and leukocytes. <i>Biomaterials</i> , 2004, 25, 5681-5703.	11.4	1,162
2	Biodegradable scaffold with built-in vasculature for organ-on-a-chip engineering and direct surgical anastomosis. <i>Nature Materials</i> , 2016, 15, 669-678.	27.5	471
3	Vascularized organoid engineered by modular assembly enables blood perfusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11461-11466.	7.1	342
4	Endotoxin: The uninvited guest. <i>Biomaterials</i> , 2005, 26, 6811-6817.	11.4	330
5	The influence of biomaterials on endothelial cell thrombogenicity. <i>Biomaterials</i> , 2007, 28, 2547-2571.	11.4	211
6	Microencapsulation of mammalian cells in a HEMA-MMA copolymer: Effects on capsule morphology and permeability. <i>Journal of Biomedical Materials Research Part B</i> , 1990, 24, 1241-1262.	3.1	106
7	Review Does polyethylene oxide possess a low thrombogenicity?. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1993, 4, 381-400.	3.5	100
8	Modular tissue engineering for the vascularization of subcutaneously transplanted pancreatic islets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9337-9342.	7.1	97
9	Cell and biomolecule delivery for tissue repair and regeneration in the central nervous system. <i>Journal of Controlled Release</i> , 2014, 190, 219-227.	9.9	94
10	Properties of a heparin-poly(vinyl alcohol) hydrogel coating. <i>Journal of Biomedical Materials Research Part B</i> , 1983, 17, 359-373.	3.1	90
11	Semi-synthetic collagen/poloxamine matrices for tissue engineering. <i>Biomaterials</i> , 2005, 26, 7425-7435.	11.4	89
12	The blood compatibility challenge. Part 3: Material associated activation of blood cascades and cells. <i>Acta Biomaterialia</i> , 2019, 94, 25-32.	8.3	81
13	Endothelialized biomaterials for tissue engineering applications in vivo. <i>Trends in Biotechnology</i> , 2011, 29, 379-387.	9.3	75
14	Microencapsulated human hepatoma (HepG2) cells: In vitro growth and protein release. <i>Journal of Biomedical Materials Research Part B</i> , 1993, 27, 1213-1224.	3.1	74
15	Acquisition of a Unique Mesenchymal Precursor-like Blastema State Underlies Successful Adult Mammalian Digit Tip Regeneration. <i>Developmental Cell</i> , 2020, 52, 509-524.e9.	7.0	74
16	Effect of heparin-pva hydrogel on platelets in a chronic canine arterio-venous shunt. <i>Journal of Biomedical Materials Research Part B</i> , 1989, 23, 417-441.	3.1	67
17	Immobilization of poly(ethylene glycol) onto a poly(vinyl alcohol) hydrogel: 2. Evaluation of thrombogenicity. <i>Journal of Biomedical Materials Research Part B</i> , 1993, 27, 1383-1391.	3.1	64
18	Microencapsulation of mammalian cells in a water-insoluble polyacrylate by coextrusion and interfacial precipitation. <i>Biotechnology and Bioengineering</i> , 1987, 29, 1135-1143.	3.3	63

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19	Heparinized styrene-butadiene-styrene elastomers. <i>Journal of Biomedical Materials Research Part B</i> , 1979, 13, 347-364.	3.1	62
20	Dopamine secretion by PC12 cells microencapsulated in a hydroxyethyl methacrylate-methyl methacrylate copolymer. <i>Biomaterials</i> , 1996, 17, 267-275.	11.4	59
21	Does surface chemistry affect thrombogenicity of surface modified polymers?. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 55, 447-459.	3.1	58
22	Fabrication of cells containing gel modules to assemble modular tissue-engineered constructs. <i>Nature Protocols</i> , 2006, 1, 2963-2969.	12.0	58
23	Leukocyte activation and leukocyte procoagulant activities after blood contact with polystyrene and polyethylene glycol-immobilized polystyrene beads. <i>Translational Research</i> , 2001, 137, 345-355.	2.3	52
24	The thrombogenicity of human umbilical vein endothelial cell seeded collagen modules. <i>Biomaterials</i> , 2008, 29, 2453-2463.	11.4	52
25	Endothelial cell behaviour within a microfluidic mimic of the flow channels of a modular tissue engineered construct. <i>Biomedical Microdevices</i> , 2011, 13, 69-87.	2.8	51
26	A Modular Approach to Cardiac Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2010, 16, 3207-3218.	3.1	47
27	Anti-microRNA-378a Enhances Wound Healing Process by Upregulating Integrin Beta-3 and Vimentin. <i>Molecular Therapy</i> , 2014, 22, 1839-1850.	8.2	46
28	Cotransplantation of Adipose-Derived Mesenchymal Stromal Cells and Endothelial Cells in a Modular Construct Drives Vascularization in SCID/bg Mice. <i>Tissue Engineering - Part A</i> , 2012, 18, 1628-1641.	3.1	45
29	Design and Fabrication of Sub-mm-Sized Modules Containing Encapsulated Cells for Modular Tissue Engineering. <i>Tissue Engineering</i> , 2007, 13, 1069-1078.	4.6	44
30	Viability and protein secretion from human Hepatoma (HepG2) cells encapsulated in 400- μ m polyacrylate microcapsules by submerged nozzle-liquid jet extrusion. <i>Biotechnology and Bioengineering</i> , 1994, 44, 1199-1204.	3.3	43
31	Bone Marrow-Derived Mesenchymal Stromal Cells Enhance Chimeric Vessel Development Driven by Endothelial Cell-Coated Microtissues. <i>Tissue Engineering - Part A</i> , 2012, 18, 285-294.	3.1	43
32	Morphological assessment of hepatoma cells (HepG2) microencapsulated in a HEMA-MMA copolymer with and without Matrigel. <i>Journal of Biomedical Materials Research Part B</i> , 1992, 26, 1401-1418.	3.1	39
33	Microencapsulation of Normal and Transfected L929 Fibroblasts in a HEMA-MMA Copolymer. <i>Tissue Engineering</i> , 2000, 6, 139-149.	4.6	39
34	Effect of methacrylic acid beads on the sonic hedgehog signaling pathway and macrophage polarization in a subcutaneous injection mouse model. <i>Biomaterials</i> , 2016, 98, 203-214.	11.4	39
35	Methylation of Poloxamine for Enhanced Cell Adhesion. <i>Biomacromolecules</i> , 2006, 7, 331-338.	5.4	38
36	Modular tissue engineering: fabrication of a gelatin-based construct. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2007, 1, 136-145.	2.7	38

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37	An Artificial Endocrine Pancreas Containing Cultured Islets of Langerhans. <i>Artificial Organs</i> , 1980, 4, 275-278.	1.9	38
38	Functionalized Scaffold-mediated Interleukin 10 Gene Delivery Significantly Improves Survival Rates of Stem Cells In Vivo. <i>Molecular Therapy</i> , 2011, 19, 969-978.	8.2	38
39	The role of insulin growth factor-1 on the vascular regenerative effect of MAA coated disks and macrophage-endothelial cell crosstalk. <i>Biomaterials</i> , 2017, 144, 199-210.	11.4	38
40	Preparation and thrombogenicity of alkylated polyvinyl alcohol coated tubing. <i>Journal of Biomedical Materials Research Part B</i> , 1992, 26, 577-592.	3.1	37
41	Injectable and inherently vascularizing semi-interpenetrating polymer network for delivering cells to the subcutaneous space. <i>Biomaterials</i> , 2017, 131, 27-35.	11.4	37
42	Injectable and degradable methacrylic acid hydrogel alters macrophage response in skeletal muscle. <i>Biomaterials</i> , 2019, 223, 119477.	11.4	37
43	Endothelialized collagen based pseudo-islets enables tuneable subcutaneous diabetes therapy. <i>Biomaterials</i> , 2020, 232, 119710.	11.4	37
44	Parallel flow arteriovenous shunt for the ex vivo evaluation of heparinized materials. <i>Journal of Biomedical Materials Research Part B</i> , 1985, 19, 161-178.	3.1	36
45	In vitro platelet interactions with a heparin-polyvinyl alcohol hydrogel. <i>Journal of Biomedical Materials Research Part B</i> , 1989, 23, 399-415.	3.1	36
46	Interpenetrating Alginate-Collagen Polymer Network Microspheres for Modular Tissue Engineering. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 3704-3712.	5.2	36
47	Material-induced up-regulation of leukocyte CD11b during whole blood contact: Material differences and a role for complement. , 1996, 32, 29-35.		35
48	HEMA/MMMA microcapsule implants in hemiparkinsonian rat brain: biocompatibility assessment using [3H]PK11195 as a marker for gliosis. <i>Biomaterials</i> , 1998, 19, 829-837.	11.4	34
49	Innate and adaptive immune responses in tissue engineering. <i>Seminars in Immunology</i> , 2008, 20, 83-85.	5.6	34
50	Effectiveness factor and diffusion limitations in collagen gel modules containing HepG2 cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2011, 5, 119-129.	2.7	34
51	Collagen/Poloxamine Hydrogels: Cytocompatibility of Embedded HepG2 Cells and Surface-Attached Endothelial Cells. <i>Tissue Engineering</i> , 2005, 11, 1807-1816.	4.6	31
52	Chimeric Vessel Tissue Engineering Driven by Endothelialized Modules in Immunosuppressed Sprague-Dawley Rats. <i>Tissue Engineering - Part A</i> , 2011, 17, 151-160.	3.1	31
53	Toward an In Vitro Vasculature: Differentiation of Mesenchymal Stromal Cells Within an Endothelial Cell-Seeded Modular Construct in a Microfluidic Flow Chamber. <i>Tissue Engineering - Part A</i> , 2012, 18, 744-756.	3.1	31
54	The profile of adsorbed plasma and serum proteins on methacrylic acid copolymer beads: Effect on complement activation. <i>Biomaterials</i> , 2017, 118, 74-83.	11.4	31

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55	Metabolic activity of CHO fibroblasts in HEMA-MMA microcapsules. <i>Biotechnology and Bioengineering</i> , 1992, 39, 672-678.	3.3	30
56	Flow cytometric analysis of material-induced platelet activation in a canine model: Elevated microparticle levels and reduced platelet life span. , 1997, 37, 176-181.		30
57	Poloxamine hydrogels with a quaternary ammonium modification to improve cell attachment. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 75A, 295-307.	4.0	30
58	Application of an Endothelialized Modular Construct for Islet Transplantation in Syngeneic and Allogeneic Immunosuppressed Rat Models. <i>Tissue Engineering - Part A</i> , 2011, 17, 2005-2015.	3.1	30
59	Microencapsulation of human fibroblasts in a water-insoluble polyacrylate. <i>Biotechnology and Bioengineering</i> , 1987, 30, 954-962.	3.3	29
60	The expression of sonic hedgehog in diabetic wounds following treatment with poly(methacrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	11.4	28
61	A Preliminary Study of the Effect of Poly(Methacrylic Acid-Co-Methyl Methacrylate) Beads on Angiogenesis in Rodent Skin Grafts and the Quality of the Panniculus Carnosus. <i>Plastic and Reconstructive Surgery</i> , 2008, 122, 1361-1370.	1.4	27
62	The effect of a hydroxamic acid-containing polymer on active matrix metalloproteinases. <i>Biomaterials</i> , 2009, 30, 1890-1897.	11.4	27
63	A Novel High-Speed Production Process to Create Modular Components for the Bottom-Up Assembly of Large-Scale Tissue-Engineered Constructs. <i>Advanced Healthcare Materials</i> , 2015, 4, 113-120.	7.6	27
64	Permeability of a heparin-polyvinyl alcohol hydrogel to thrombin and antithrombin III. <i>Journal of Biomedical Materials Research Part B</i> , 1988, 22, 673-685.	3.1	26
65	Perfusion and characterization of an endothelial cell-seeded modular tissue engineered construct formed in a microfluidic remodeling chamber. <i>Biomaterials</i> , 2010, 31, 8254-8261.	11.4	26
66	Conformal Coating of Small Particles and Cell Aggregates at a Liquid-Liquid Interface. <i>Annals of the New York Academy of Sciences</i> , 1999, 875, 126-134.	3.8	25
67	Design Criteria for a Modular Tissue-Engineered Construct. <i>Tissue Engineering</i> , 2007, 13, 1079-1089.	4.6	25
68	Poly(butyl methacrylate-co-methacrylic acid) tissue engineering scaffold with pro-angiogenic potential in vivo. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 82A, 265-273.	4.0	24
69	On the mechanism of poly(methacrylic acid-co-methyl methacrylate)-induced angiogenesis: Gene expression analysis of dTHP-1 cells. <i>Biomaterials</i> , 2011, 32, 8957-8967.	11.4	23
70	A scalable device-less biomaterial approach for subcutaneous islet transplantation. <i>Biomaterials</i> , 2021, 269, 120499.	11.4	23
71	Methacrylic acid-based hydrogels enhance skeletal muscle regeneration after volumetric muscle loss in mice. <i>Biomaterials</i> , 2021, 275, 120909.	11.4	23
72	Tissue factor and thrombomodulin expression on endothelial cell-seeded collagen modules for tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 80A, 497-504.	4.0	20

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73	Methacrylic acid copolymer coating of polypropylene mesh chamber improves subcutaneous islet engraftment. <i>Biomaterials</i> , 2020, 259, 120324.	11.4	20
74	Poly(methacrylic acid-co-methyl methacrylate) beads promote vascularization and wound repair in diabetic mice. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 93A, 484-492.	4.0	19
75	Del-1 Overexpression in Endothelial Cells Increases Vascular Density in Tissue-Engineered Implants Containing Endothelial Cells and Adipose-Derived Mesenchymal Stromal Cells. <i>Tissue Engineering - Part A</i> , 2014, 20, 1235-1252.	3.1	19
76	Structure of styrene-butadiene-styrene block copolymers by diffusion analysis. <i>Journal of Polymer Science, Polymer Physics Edition</i> , 1977, 15, 1927-1935.	1.0	18
77	Fate of Thrombin and Thrombin-Antithrombin-III Complex Adsorbed to a Heparinized Biomaterial: Analysis of the Enzyme-Inhibitor Complexes Displaced by Plasma. <i>Thrombosis and Haemostasis</i> , 1983, 50, 873-877.	3.4	18
78	Degradable methacrylic acid-based synthetic hydrogel for subcutaneous islet transplantation. <i>Biomaterials</i> , 2022, 281, 121342.	11.4	18
79	Methacrylic Acid Copolymer Coating Enhances Constructive Remodeling of Polypropylene Mesh by Increasing the Vascular Response. <i>Advanced Healthcare Materials</i> , 2019, 8, 1900667.	7.6	17
80	The effect of methacrylic acid in smooth coatings on dTHP1 and HUVEC gene expression. <i>Biomaterials Science</i> , 2014, 2, 1768-1778.	5.4	16
81	Unbiased phosphoproteomic method identifies the initial effects of a methacrylic acid copolymer on macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10673-10678.	7.1	16
82	Identification of Drugs that Regulate Dermal Stem Cells and Enhance Skin Repair. <i>Stem Cell Reports</i> , 2016, 6, 74-84.	4.8	15
83	Measurement of the rate of thrombin production in human plasma in contact with different materials. <i>Journal of Biomedical Materials Research Part B</i> , 1992, 26, 675-693.	3.1	14
84	Tumor necrosis factor (TNF?) production by rat peritoneal macrophages is not polyacrylate surface-chemistry dependent. , 1999, 46, 324-330.		14
85	Effect of mouse VEGF ₁₆₄ on the viability of hydroxyethyl methacrylate-methyl methacrylate-microencapsulated cells <i>in vivo</i> : Bioluminescence imaging. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 87A, 321-331.	4.0	13
86	Shh pathway in wounds in non-diabetic Shh-Cre-eGFP/Ptch1-LacZ mice treated with MAA beads. <i>Biomaterials</i> , 2016, 102, 198-208.	11.4	13
87	A Poloxamine-Polylysine Acrylate Scaffold for Modular Tissue Engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 2515-2528.	3.5	12
88	Thrombin and albumin adsorption to PVA and heparin-PVA hydrogels. 2: Competition and displacement. <i>Journal of Biomedical Materials Research Part B</i> , 1993, 27, 89-95.	3.1	11
89	Functional Considerations in Tissue-Engineering Whole Organs. <i>Annals of the New York Academy of Sciences</i> , 2002, 961, 198-200.	3.8	11
90	Some aspects of the host response to methacrylic acid containing beads in a mouse air pouch. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2054-2062.	4.0	11

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91	Absorption of benzene by open-cell polyurethane foams. <i>Journal of Applied Polymer Science</i> , 1980, 25, 829-839.	2.6	10
92	IL-10 Secretion Increases Signal Persistence of HEMA-MMA- μ Microencapsulated Luciferase-Modified CHO Fibroblasts in Mice. <i>Tissue Engineering - Part A</i> , 2009, 15, 127-136.	3.1	10
93	Angiogenic Biomaterials to Promote Tissue Vascularization and Integration. <i>Israel Journal of Chemistry</i> , 2013, 53, 637-645.	2.3	10
94	Patency of Heparinized SBS Shunts at High Shear Rates. <i>Biomaterials, Medical Devices, and Artificial Organs</i> , 1981, 9, 127-142.	0.3	9
95	Blood, guts and chemical engineering. <i>Canadian Journal of Chemical Engineering</i> , 1989, 67, 705-712.	1.7	9
96	Amidine surface modification of poly(acrylonitrile- <i>co</i> -vinyl chloride) reduces platelet adhesion. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 89A, 780-790.	4.0	9
97	Patterning Collagen/Ploxamine-Methacrylate Hydrogels for Tissue-Engineering-Inspired Microfluidic and Laser Lithography Applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 2499-2514.	3.5	9
98	In Vivo Remodelling of Vascularizing Engineered Tissues. <i>Annals of Biomedical Engineering</i> , 2015, 43, 1189-1200.	2.5	9
99	Fate of modular cardiac tissue constructs in a syngeneic rat model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 1247-1258.	2.7	9
100	Fabrication of Micro-tissues using Modules of Collagen Gel Containing Cells. <i>Journal of Visualized Experiments</i> , 2010, , .	0.3	8
101	Using Del-1 to Tip the Angiogenic Balance in Endothelial Cells in Modular Constructs. <i>Tissue Engineering - Part A</i> , 2014, 20, 1222-1234.	3.1	8
102	Collagen modules for <i>in situ</i> delivery of mesenchymal stromal cell-derived endothelial cells for improved angiogenesis. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2016, 10, 363-373.	2.7	8
103	Absorption of dicumyl peroxide by extruded polyethylene: Difference between surface and bulk morphology. <i>Journal of Applied Polymer Science</i> , 1984, 29, 2383-2393.	2.6	7
104	Bone Marrow-Derived Macrophages Enhance Vessel Stability in Modular Engineered Tissues. <i>Tissue Engineering - Part A</i> , 2019, 25, 911-923.	3.1	7
105	Crystallinity and dicumyl peroxide diffusivity in low density polyethylene with different thermal histories. <i>Journal of Applied Polymer Science</i> , 1986, 31, 2195-2202.	2.6	6
106	Video analysis of submerged jet microencapsulation using HEMA- μ MMA. <i>Canadian Journal of Chemical Engineering</i> , 1996, 74, 518-525.	1.7	6
107	Perspective on hemocompatibility testing. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 55, 445-446.	3.1	6
108	Expression of matrix metalloproteinase-2 and -9 in exudates associated with polydimethyl siloxane and gelatin tubes implanted in mice. <i>Journal of Biomedical Materials Research Part B</i> , 2004, 71A, 226-232.	3.1	6

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109	Harnessing gene and drug delivery for vascularizing engineered tissue platforms. <i>Drug Discovery Today</i> , 2016, 21, 1532-1539.	6.4	6
110	Muted fibrosis from protected islets. <i>Nature Biomedical Engineering</i> , 2018, 2, 791-792.	22.5	6
111	Poly-Methacrylic Acid Cross-Linked with Collagen Accelerates Diabetic Wound Closure. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6368-6377.	5.2	6
112	A model of insulin delivery by a controlled release micropump. <i>Annals of Biomedical Engineering</i> , 1986, 14, 257-276.	2.5	5
113	Production of uniform drops of viscous liquids using a coaxial airstream. <i>Canadian Journal of Chemical Engineering</i> , 1991, 69, 245-250.	1.7	5
114	Preparation and characterization of alkylated poly(vinyl alcohol) hydrogels using alkyl halides. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1996, 7, 647-659.	3.5	5
115	Promoting endogenous repair of skeletal muscle using regenerative biomaterials. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 2720-2739.	4.0	5
116	Structural Analysis by Diffusion Measurements: SBS Block Copolymers and Polyethylene. <i>Advances in Chemistry Series</i> , 1979, , 243-257.	0.6	4
117	THE THROMBORESISTANCE OF A HEPARIN-POLYVINYL ALCOHOL HYDROGEL. <i>Chemical Engineering Communications</i> , 1984, 30, 141-154.	2.6	4
118	MMP levels in the response to degradable implants in the presence of a hydroxamate-based matrix metalloproteinase sequestering biomaterial <i>in vivo</i> . <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 93A, 1368-1379.	4.0	4
119	The blood compatibility challenge: Editorial introduction. <i>Acta Biomaterialia</i> , 2019, 94, 1.	8.3	4
120	Hydraulic permeability of open-cell hydrophilic polyurethane foams. <i>Journal of Applied Polymer Science</i> , 1980, 25, 2167-2178.	2.6	3
121	X-Ray photoelectron spectroscopy (XPS) surface analysis of HEMA-MMA microcapsules. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1997, 8, 655-665.	3.5	3
122	Stain length passive dosimeters. <i>AIHA Journal</i> , 1982, 43, 820-824.	0.4	2
123	Sorption of carbon tetrachloride in low-density polyethylene pellets. <i>Journal of Applied Polymer Science</i> , 1986, 31, 2109-2115.	2.6	2
124	Chapter II.5.2 "Nonthrombogenic Treatments and Strategies." , 2012, , 1488-1509.		2
125	Application of Modular Therapy for Renoprotection in Experimental Chronic Kidney Disease. <i>Tissue Engineering - Part A</i> , 2015, 21, 1963-1972.	3.1	1
126	Hypoxia-Inducible Factor Drives Vascularization of Modularly Assembled Engineered Tissue. <i>Tissue Engineering - Part A</i> , 2019, 25, 1127-1136.	3.1	1

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127	Nonthrombogenic Treatments and Strategies. , 2020, , 515-537.		1
128	The Modular Approach. , 2013, , 119-148.		1
129	Vascularized Organoid Engineered by Modular Assembly Enables Blood Perfusion. FASEB Journal, 2006, 20, A436.	0.5	1
130	Methacrylic Acid-Based Regenerative Biomaterials: Explorations into the MAAgic. Regenerative Engineering and Translational Medicine, 0, , .	2.9	1
131	Hearts by design. Science, 2022, 377, 148-150.	12.6	1
132	006 Development of a Novel Matrix Metalloproteinase?Inhibiting Wound Dressing. Wound Repair and Regeneration, 2004, 12, A4-A4.	3.0	0
133	Commentary on: "In Vivo Remodelling of Vascularizing Engineered Tissues", Annals of Biomedical Engineering, 2015, 43, 1271-1271.	2.5	0
134	Endothelialized collagen modules for islet tissue engineering. , 2020, , 277-287.		0
135	P.160: Immune Response to Vascularizing Subcutaneous Engineered Islet Grafts. Transplantation, 2021, 105, S67-S67.	1.0	0