

Smadar Cohen

List of Publications by Year in descending order

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135
papers

13,685
citations

26630

56
h-index

21540

114
g-index

136
all docs

136
docs citations

136
times ranked

14284
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradable biomaterials based on magnesium corrosion. <i>Current Opinion in Solid State and Materials Science</i> , 2008, 12, 63-72.	11.5	1,537
2	Controlled delivery systems for proteins based on poly(lactic/glycolic acid) microspheres. <i>Pharmaceutical Research</i> , 1991, 08, 713-720.	3.5	774
3	Novel alginate sponges for cell culture and transplantation. <i>Biomaterials</i> , 1997, 18, 583-590.	11.4	463
4	Effect of Injectable Alginate Implant on Cardiac Remodeling and Function After Recent and Old Infarcts in Rat. <i>Circulation</i> , 2008, 117, 1388-1396.	1.6	406
5	Enhancing the vascularization of three-dimensional porous alginate scaffolds by incorporating controlled release basic fibroblast growth factor microspheres. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 65A, 489-497.	3.1	395
6	Optimization of cardiac cell seeding and distribution in 3D porous alginate scaffolds. <i>Biotechnology and Bioengineering</i> , 2002, 80, 305-312.	3.3	363
7	Hepatocyte behavior within three-dimensional porous alginate scaffolds. , 2000, 67, 344-353.		342
8	Prevascularization of cardiac patch on the omentum improves its therapeutic outcome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14990-14995.	7.1	325
9	Intracoronary Injection of In Situ Forming Alginate Hydrogel Reverses Left Ventricular Remodeling After Myocardial Infarction in Swine. <i>Journal of the American College of Cardiology</i> , 2009, 54, 1014-1023.	2.8	308
10	Modulation of cardiac macrophages by phosphatidylserine-presenting liposomes improves infarct repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1827-1832.	7.1	301
11	The effect of sulfation of alginate hydrogels on the specific binding and controlled release of heparin-binding proteins. <i>Biomaterials</i> , 2008, 29, 3260-3268.	11.4	294
12	Modeling mass transfer in hepatocyte spheroids via cell viability, spheroid size, and hepatocellular functions. <i>Biotechnology and Bioengineering</i> , 2004, 86, 672-680.	3.3	292
13	Tailoring the pore architecture in 3-D alginate scaffolds by controlling the freezing regime during fabrication. <i>Biomaterials</i> , 2002, 23, 4087-4094.	11.4	280
14	The promotion of myocardial repair by the sequential delivery of IGF-1 and HGF from an injectable alginate biomaterial in a model of acute myocardial infarction. <i>Biomaterials</i> , 2011, 32, 565-578.	11.4	260
15	The influence of the sequential delivery of angiogenic factors from affinity-binding alginate scaffolds on vascularization. <i>Biomaterials</i> , 2009, 30, 2122-2131.	11.4	240
16	Liver Tissue Engineering within Alginate Scaffolds: Effects of Cell-Seeding Density on Hepatocyte Viability, Morphology, and Function. <i>Tissue Engineering</i> , 2003, 9, 757-766.	4.6	234
17	Alginate biomaterial for the treatment of myocardial infarction: Progress, translational strategies, and clinical outlook. <i>Advanced Drug Delivery Reviews</i> , 2016, 96, 54-76.	13.7	232
18	A novel in situ-forming ophthalmic drug delivery system from alginates undergoing gelation in the eye. <i>Journal of Controlled Release</i> , 1997, 44, 201-208.	9.9	231

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19	Bioreactor cultivation enhances the efficiency of human embryoid body (hEB) formation and differentiation. <i>Biotechnology and Bioengineering</i> , 2004, 86, 493-502.	3.3	224
20	Macrophage Subpopulations Are Essential for Infarct Repair With and Without Stem Cell Therapy. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1890-1901.	2.8	215
21	Poly(L-lactic acid)/Pluronic blends: characterization of phase separation behavior, degradation, and morphology and use as protein-releasing matrixes. <i>Macromolecules</i> , 1992, 25, 116-122.	4.8	214
22	The effect of immobilized RGD peptide in alginate scaffolds on cardiac tissue engineering. <i>Acta Biomaterialia</i> , 2011, 7, 152-162.	8.3	211
23	Determinants of release rate of tetanus vaccine from polyester microspheres. <i>Pharmaceutical Research</i> , 1993, 10, 945-953.	3.5	207
24	Magnetic nanoparticle-based approaches to locally target therapy and enhance tissue regeneration <i>in vivo</i> . <i>Nanomedicine</i> , 2012, 7, 1425-1442.	3.3	196
25	Human embryonic stem cell transplantation to repair the infarcted myocardium. <i>Heart</i> , 2007, 93, 1278-1284.	2.9	183
26	Three-dimensional porous alginate scaffolds provide a conducive environment for generation of well-vascularized embryoid bodies from human embryonic stem cells. <i>Biotechnology and Bioengineering</i> , 2004, 88, 313-320.	3.3	182
27	The effect of immobilized RGD peptide in macroporous alginate scaffolds on TGF β 1-induced chondrogenesis of human mesenchymal stem cells. <i>Biomaterials</i> , 2010, 31, 6746-6755.	11.4	171
28	Nanoparticle Delivery of miRNA-21 Mimic to Cardiac Macrophages Improves Myocardial Remodeling after Myocardial Infarction. <i>Nano Letters</i> , 2018, 18, 5885-5891.	9.1	168
29	Integration of multiple cell-matrix interactions into alginate scaffolds for promoting cardiac tissue regeneration. <i>Biomaterials</i> , 2011, 32, 1838-1847.	11.4	154
30	Human Embryonic Stem Cells as an In Vitro Model for Human Vascular Development and the Induction of Vascular Differentiation. <i>Laboratory Investigation</i> , 2003, 83, 1811-1820.	3.7	153
31	The effects of controlled HGF delivery from an affinity-binding alginate biomaterial on angiogenesis and blood perfusion in a hindlimb ischemia model. <i>Biomaterials</i> , 2010, 31, 4573-4582.	11.4	148
32	Ionically crosslinkable polyphosphazene: a novel polymer for microencapsulation. <i>Journal of the American Chemical Society</i> , 1990, 112, 7832-7833.	13.7	142
33	The effects of peptide-based modification of alginate on left ventricular remodeling and function after myocardial infarction. <i>Biomaterials</i> , 2009, 30, 189-195.	11.4	136
34	A Novel Perfusion Bioreactor Providing a Homogenous Milieu for Tissue Regeneration. <i>Tissue Engineering</i> , 2006, 12, 2843-2852.	4.6	125
35	Surface Analysis of Nanocomplexes by X-ray Photoelectron Spectroscopy (XPS). <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 882-889.	5.2	119
36	Enhancing the Drug Metabolism Activities of C3A α A Human Hepatocyte Cell Line α By Tissue Engineering Within Alginate Scaffolds. <i>Tissue Engineering</i> , 2006, 12, 1357-1368.	4.6	118

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37	Design of synthetic polymeric structures for cell transplantation and tissue engineering. <i>Clinical Materials</i> , 1993, 13, 3-10.	0.5	116
38	Chondrogenesis of hMSC in affinity-bound TGF-beta scaffolds. <i>Biomaterials</i> , 2012, 33, 751-761.	11.4	115
39	The promotion of in vitro vessel-like organization of endothelial cells in magnetically responsive alginate scaffolds. <i>Biomaterials</i> , 2012, 33, 4100-4109.	11.4	107
40	Activation of the ERK1/2 Cascade via Pulsatile Interstitial Fluid Flow Promotes Cardiac Tissue Assembly. <i>Tissue Engineering</i> , 2007, 13, 2185-2193.	4.6	106
41	Increased Paracrine Immunomodulatory Potential of Mesenchymal Stromal Cells in Three-Dimensional Culture. <i>Tissue Engineering - Part B: Reviews</i> , 2016, 22, 322-329.	4.8	106
42	Simultaneous regeneration of articular cartilage and subchondral bone induced by spatially presented TGF-beta and BMP-4 in a bilayer affinity binding system. <i>Acta Biomaterialia</i> , 2012, 8, 3283-3293.	8.3	105
43	Characterization of PLGA microspheres for the controlled delivery of IL-1 β for tumor immunotherapy. <i>Journal of Controlled Release</i> , 1997, 43, 261-272.	9.9	102
44	Periostin in cardiovascular disease and development: a tale of two distinct roles. <i>Basic Research in Cardiology</i> , 2018, 113, 1.	5.9	101
45	A continuous delivery system of IL-1 receptor antagonist reduces angiogenesis and inhibits tumor development. <i>FASEB Journal</i> , 2004, 18, 161-163.	0.5	91
46	Electric Field Stimulation Integrated into Perfusion Bioreactor for Cardiac Tissue Engineering. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 1417-1426.	2.1	87
47	Vascular Endothelial Growth Factor-Releasing Scaffolds Enhance Vascularization and Engraftment of Hepatocytes Transplanted on Liver Lobes. <i>Tissue Engineering</i> , 2005, 11, 715-722.	4.6	86
48	Targeting of polymeric nanoparticles to lung metastases by surface-attachment of YIGSR peptide from laminin. <i>Biomaterials</i> , 2011, 32, 152-161.	11.4	82
49	Myocardial Tissue Engineering: Creating a Muscle Patch for a Wounded Heart. <i>Annals of the New York Academy of Sciences</i> , 2004, 1015, 312-319.	3.8	74
50	In vitro evaluation of polymerized liposomes as an oral drug delivery system. <i>Pharmaceutical Research</i> , 1995, 12, 576-582.	3.5	71
51	Cardiac tissue engineering, ex-vivo: design principles in biomaterials and bioreactors. <i>Heart Failure Reviews</i> , 2003, 8, 271-276.	3.9	66
52	Controlled release using ionotropic polyphosphazene hydrogels. <i>Journal of Controlled Release</i> , 1993, 27, 69-77.	9.9	64
53	Controlled protein release from polyethyleneimine-coated poly(L-lactic acid)/pluronic blend matrices. <i>Pharmaceutical Research</i> , 1992, 09, 37-39.	3.5	59
54	A multi-shear perfusion bioreactor for investigating shear stress effects in endothelial cell constructs. <i>Lab on A Chip</i> , 2012, 12, 2696.	6.0	59

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55	Cardiac tissue engineering in magnetically actuated scaffolds. <i>Nanotechnology</i> , 2014, 25, 014009.	2.6	58
56	Magnetically actuated tissue engineered scaffold: insights into mechanism of physical stimulation. <i>Nanoscale</i> , 2016, 8, 3386-3399.	5.6	57
57	Induced differentiation and maturation of newborn liver cells into functional hepatic tissue in macroporous alginate scaffolds. <i>FASEB Journal</i> , 2008, 22, 1440-1449.	0.5	56
58	Novel Approaches to Controlled-Release Antigen Delivery. <i>International Journal of Technology Assessment in Health Care</i> , 1994, 10, 121-130.	0.5	54
59	Bioengineered Cardiac Grafts. <i>Circulation</i> , 2000, 102, .	1.6	54
60	Human adipose-derived stromal cells in a clinically applicable injectable alginate hydrogel: Phenotypic and immunomodulatory evaluation. <i>Cytotherapy</i> , 2015, 17, 1104-1118.	0.7	49
61	Selective separation of cis-trans geometrical isomers of β -carotene via CO ₂ supercritical fluid extraction. <i>Biotechnology and Bioengineering</i> , 2002, 80, 169-174.	3.3	48
62	Ultrastructural and Functional Investigations of Adult Hepatocyte Spheroids during in Vitro Cultivation. <i>Tissue Engineering</i> , 2004, 10, 1806-1817.	4.6	46
63	Sustained delivery of IL-1Ra from biodegradable microspheres reduces the number of murine B16 melanoma lung metastases. <i>Journal of Controlled Release</i> , 2007, 123, 123-130.	9.9	46
64	Renovation of the injured heart with myocardial tissue engineering. <i>Expert Review of Cardiovascular Therapy</i> , 2006, 4, 239-252.	1.5	43
65	Rebuilding Broken Hearts. <i>Scientific American</i> , 2004, 291, 44-51.	1.0	42
66	Effects of mechanical stimulation induced by compression and medium perfusion on cardiac tissue engineering. <i>Biotechnology Progress</i> , 2012, 28, 1551-1559.	2.6	42
67	Microfabrication of channel arrays promotes vessel-like network formation in cardiac cell construct and vascularization <i>in vivo</i> . <i>Biofabrication</i> , 2014, 6, 024102.	7.1	42
68	Articular cartilage regeneration using acellular bioactive affinity-binding alginate hydrogel: A 6-month study in a mini-pig model of osteochondral defects. <i>Journal of Orthopaedic Translation</i> , 2019, 16, 40-52.	3.9	42
69	THERMODYNAMICS OF PORPHYRIN BINDING TO SERUM ALBUMIN: EFFECTS OF TEMPERATURE, OF PORPHYRIN SPECIES and OF ALBUMIN-CARRIED FATTY ACIDS. <i>Photochemistry and Photobiology</i> , 1987, 46, 689-693.	2.5	37
70	Myocardial repair: from salvage to tissue reconstruction. <i>Expert Review of Cardiovascular Therapy</i> , 2008, 6, 669-686.	1.5	37
71	Highly efficient osteogenic differentiation of human mesenchymal stem cells by eradication of STAT3 signaling. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1823-1830.	2.8	37
72	Designer scaffolds for tissue engineering and regeneration. <i>Israel Journal of Chemistry</i> , 2005, 45, 487-494.	2.3	36

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73	Characterization of microencapsulated liposome systems for the controlled delivery of liposome-associated macromolecules. <i>Journal of Controlled Release</i> , 1997, 43, 35-45.	9.9	34
74	Alginate-coated magnetic nanoparticles for noninvasive MRI of extracellular calcium. <i>NMR in Biomedicine</i> , 2014, 27, 774-783.	2.8	33
75	A Novel Synthetic Method for Hybridoma Cell Encapsulation. <i>Nature Biotechnology</i> , 1991, 9, 468-471.	17.5	32
76	Calcium-siRNA nanocomplexes: What reversibility is all about. <i>Journal of Controlled Release</i> , 2015, 203, 150-160.	9.9	32
77	Reconstruction of the ovary microenvironment utilizing macroporous scaffold with affinity-bound growth factors. <i>Biomaterials</i> , 2019, 205, 11-22.	11.4	32
78	Evaluation of a Peritoneal-Generated Cardiac Patch in a Rat Model of Heterotopic Heart Transplantation. <i>Cell Transplantation</i> , 2009, 18, 275-282.	2.5	31
79	Alginate scaffold for organ culture of cryopreserved-thawed human ovarian cortical follicles. <i>Journal of Assisted Reproduction and Genetics</i> , 2011, 28, 761-769.	2.5	31
80	Bioengineering the Infarcted Heart by Applying Bio-inspired Materials. <i>Journal of Cardiovascular Translational Research</i> , 2011, 4, 559-574.	2.4	30
81	Mechanisms of cellular uptake and endosomal escape of calcium-siRNA nanocomplexes. <i>International Journal of Pharmaceutics</i> , 2016, 515, 46-56.	5.2	30
82	Inducing Endogenous Cardiac Regeneration: Can Biomaterials Connect the Dots?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 126.	4.1	30
83	Perfusion Cell Seeding and Cultivation Induce the Assembly of Thick and Functional Hepatocellular Tissue-like Construct. <i>Tissue Engineering - Part A</i> , 2009, 15, 751-760.	3.1	29
84	Reduced liver cell death using an alginate scaffold bandage: A novel approach for liver reconstruction after extended partial hepatectomy. <i>Acta Biomaterialia</i> , 2014, 10, 3209-3216.	8.3	28
85	Spontaneous Coassembly of Biologically Active Nanoparticles via Affinity Binding of Heparin-Binding Proteins to Alginate-Sulfate. <i>Nano Letters</i> , 2016, 16, 883-888.	9.1	27
86	MACROPHAGE ACTIVATION FOR THE PRODUCTION OF IMMUNOSTIMULATORY CYTOKINES BY DELIVERING INTERLEUKIN 1 VIA BIODEGRADABLE MICROSPHERES. <i>Cytokine</i> , 2000, 12, 1683-1690.	3.2	26
87	Magnetic Induction of Multiscale Anisotropy in Macroporous Alginate Scaffolds. <i>Nano Letters</i> , 2018, 18, 7314-7322.	9.1	26
88	High throughput microfluidic system with multiple oxygen levels for the study of hypoxia in tumor spheroids. <i>Biofabrication</i> , 2021, 13, 035037.	7.1	26
89	Controlled release of peptides and proteins from biodegradable polyester microspheres: an approach for treating infectious diseases and malignancies. <i>Reactive & Functional Polymers</i> , 1995, 25, 177-187.	0.8	22
90	Rapid End-Group Modification of Polysaccharides for Biomaterial Applications in Regenerative Medicine. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1754-1762.	3.9	22

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91	Local Delivery of IL-1 β Polymeric Microspheres for the Immunotherapy of an Experimental Fibrosarcoma. <i>Cancer Investigation</i> , 2003, 21, 720-728.	1.3	21
92	Silencing of proinflammatory genes targeted to peritoneal-residing macrophages using siRNA encapsulated in biodegradable microspheres. <i>Biomaterials</i> , 2010, 31, 2627-2636.	11.4	21
93	GalNAc bio-functionalization of nanoparticles assembled by electrostatic interactions improves siRNA targeting to the liver. <i>Journal of Controlled Release</i> , 2017, 266, 310-320.	9.9	21
94	Co-assembled Ca ²⁺ Alginate-Sulfate Nanoparticles for Intracellular Plasmid DNA Delivery. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 16, 378-390.	5.1	21
95	TGF- β ² affinity-bound to a macroporous alginate scaffold generates local and peripheral immunotolerant responses and improves allocell transplantation. <i>Acta Biomaterialia</i> , 2016, 45, 196-209.	8.3	20
96	High-throughput microfluidic 3D biomimetic model enabling quantitative description of the human breast tumor microenvironment. <i>Acta Biomaterialia</i> , 2021, 132, 473-488.	8.3	20
97	Signal transducer and activator of transcription 3 "A key molecular switch for human mesenchymal stem cell proliferation. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 2606-2618.	2.8	19
98	A bridge to silencing: Co-assembling anionic nanoparticles of siRNA and hyaluronan sulfate via calcium ion bridges. <i>Journal of Controlled Release</i> , 2016, 232, 215-227.	9.9	18
99	Cardiac Tissue Engineering: Principles, Materials, and Applications. <i>Synthesis Lectures on Tissue Engineering</i> , 2012, 4, 1-200.	0.3	17
100	Magnetically Actuated Alginate Scaffold: A Novel Platform for Promoting Tissue Organization and Vascularization. <i>Methods in Molecular Biology</i> , 2014, 1181, 83-95.	0.9	17
101	Exploring peptide-functionalized alginate scaffolds for engineering cardiac tissue from human embryonic stem cell-derived cardiomyocytes in serum-free medium. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2493-2505.	3.2	16
102	Autospecies and Post-Myocardial Infarction Sera Enhance the Viability, Proliferation, and Maturation of 3D Cardiac Cell Culture. <i>Tissue Engineering</i> , 2006, 12, 3467-3475.	4.6	15
103	Primary Human Hepatocytes from Metabolic-Disordered Children Recreate Highly Differentiated Liver-Tissue-Like Spheroids on Alginate Scaffolds. <i>Tissue Engineering - Part A</i> , 2012, 18, 1443-1453.	3.1	15
104	Determinants of liposome partitioning in aqueous two-phase systems: Evaluation by means of a factorial design. , 1996, 52, 529-537.		14
105	Retention and Functional Effect of Adipose-Derived Stromal Cells Administered in Alginate Hydrogel in a Rat Model of Acute Myocardial Infarction. <i>Stem Cells International</i> , 2018, 2018, 1-13.	2.5	12
106	Hypoxia-sensitive drug delivery to tumors. <i>Journal of Controlled Release</i> , 2022, 341, 431-442.	9.9	11
107	Rebuilding broken hearts. Biologists and engineers working together in the fledgling field of tissue engineering are within reach of one of their greatest goals: constructing a living human heart patch. <i>Scientific American</i> , 2004, 291, 44-51.	1.0	10
108	Sustained release of IL-1Ra from biodegradable microspheres prolongs its IL-1-neutralizing effects. <i>Israel Journal of Chemistry</i> , 2005, 45, 457-464.	2.3	9

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109	Prevention of acetaminophen-induced liver injury by alginate. <i>Toxicology and Applied Pharmacology</i> , 2019, 363, 72-78.	2.8	9
110	Spectral and chemical evidence for the formation of zinc-porphyrin in aged, initially metal-free, porphyrin-ix solutions. <i>Journal of Inorganic Biochemistry</i> , 1985, 25, 187-195.	3.5	8
111	The influence of sustained dual-factor presentation on the expansion and differentiation of neural progenitors in affinity-binding alginate scaffolds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2015, 9, 918-929.	2.7	8
112	Angiogenesis PET Tracer Uptake (68Ga-NODAGA-E[(cRGDyK)] ₂) in Induced Myocardial Infarction and Stromal Cell Treatment in Minipigs. <i>Diagnostics</i> , 2018, 8, 33.	2.6	8
113	Live imaging flow bioreactor for the simulation of articular cartilage regeneration after treatment with bioactive hydrogel. <i>Biotechnology and Bioengineering</i> , 2018, 115, 2205-2216.	3.3	8
114	MiR-499 Responsive Lethal Construct for Removal of Human Embryonic Stem Cells after Cardiac Differentiation. <i>Scientific Reports</i> , 2019, 9, 14490.	3.3	8
115	Novel liposome-based formulations for prolonged delivery of proteins and vaccines. <i>Journal of Liposome Research</i> , 1995, 5, 813-827.	3.3	6
116	Stromal cell-induced immune regulation in a transplantable lymphoid-like cell constructs. <i>Biomaterials</i> , 2010, 31, 9273-9284.	11.4	6
117	Feasibility of Leadless Cardiac Pacing Using Injectable Magnetic Microparticles. <i>Scientific Reports</i> , 2016, 6, 24635.	3.3	6
118	Microenvironment Design for Stem Cell Fate Determination. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2011, 126, 227-262.	1.1	5
119	Three-Dimensional Perfusion Cultivation of Human Cardiac-Derived Progenitors Facilitates Their Expansion While Maintaining Progenitor State. <i>Tissue Engineering - Part C: Methods</i> , 2014, 20, 886-894.	2.1	5
120	Generation and characterization of three human induced pluripotent stem cell lines (iPSC) from two family members with dilated cardiomyopathy and left ventricular noncompaction (DCM-LVNC) and one healthy heterozygote sibling. <i>Stem Cell Research</i> , 2021, 53, 102382.	0.7	4
121	Physicochemical studies of processes involving potential photodynamic drugs on route to their targets: Self-aggregation and membrane-binding of Zn-hematoporphyrin. <i>Archives of Biochemistry and Biophysics</i> , 1986, 247, 57-61.	3.0	3
122	Pulsatile Release from Microencapsulated Liposomes. <i>Journal of Liposome Research</i> , 1994, 4, 349-360.	3.3	3
123	Effect of heparin and peptide conjugation on structure and functional properties of alginate in solutions and hydrogels. <i>Materials Advances</i> , 2021, 2, 440-447.	5.4	3
124	CHAPTER 11. Applications of Magnetic-Responsive Materials for Cardiovascular Tissue Engineering. <i>RSC Smart Materials</i> , 0, , 290-328.	0.1	3
125	Engineering Biomaterials for Myocardial Regeneration and Repair. <i>Israel Journal of Chemistry</i> , 2013, 53, 695-709.	2.3	2
126	Biomaterials for Cardiac Tissue Engineering and Regeneration. , 2014, , 83-111.		2

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127	Bioreactor Engineering: Regenerating the Dynamic Cell Microenvironment. , 2008, , 517-535.		2
128	Principles of Cardiovascular Tissue Engineering. , 2014, , 627-683.		1
129	Spatiotemporal Focal Delivery of Dual Regenerating Factors for Osteochondral Defect Repair. Advances in Delivery Science and Technology, 2014, , 473-509.	0.4	1
130	Intercellular and Intracellular Targeting of Drugs. Advances in Molecular and Cell Biology, 1994, 9, 217-231.	0.1	0
131	Targeted Delivery of Immunomodulating Agents to Dendritic Cells for Treatment of Autoimmune Disease Using Biodegradable Microspheres. Clinical Immunology, 2007, 123, S145-S146.	3.2	0
132	Creating Unique Cell Microenvironments for the Engineering of a Functional Cardiac Patch. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2010, , 81-94.	1.0	0
133	Instructive Biomaterials for Myocardial Regeneration and Repair. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2011, , 289-328.	1.0	0
134	Enhancing the immunogenicity of liposomal hepatitis B surface antigen (HBsAg) by controlling its delivery from polymeric microspheres. Journal of Pharmaceutical Sciences, 2000, 89, 1550-1557.	3.3	0
135	Temporal Control over Macrophage Phenotype and the Host Response via Magnetically Actuated Scaffolds. ACS Biomaterials Science and Engineering, 2022, 8, 3526-3541.	5.2	0