Nesrin Hasirci

List of Publications by Year
in descending order

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180 papers	6,401 citations	87401 40 h-index	90395 73 g-index
191 all docs	191 docs citations	191 times ranked	9500 citing authors

#	Article	IF	Citations
1	Corrosion Resistance and Cytocompatibility of Magnesiumâ€“Calcium Alloys Modified with Zinc- or Gallium-Doped Calcium Phosphate Coatings. ACS Applied Materials & Interfaces, 2022, 14, 104-122.	4.0	14
2	pH responsive release of curcumin from photocrosslinked pectin/gelatin hydrogel wound dressings. Materials Science and Engineering C, 2022, 134, 112717.	3.8	19
3	Lithocholic acid conjugated mPEG-b-PCL micelles for pH responsive delivery to breast cancer cells. International Journal of Pharmaceutics, 2022, 621, 121779.	2.6	4
4	Potential of pectin for biomedical applications: a comprehensive review. Journal of Biomaterials Science, Polymer Edition, 2022, 33, 1866-1900.	1.9	10
5	LOCAL-IGF-1 and GH application IMPROVES germ cell histology, spermatogenesis and fertility after experimental testicular torsion and detorsion. Journal of Pediatric Urology, 2022, 18, 410.e1-410.e8.	0.6	1
6	Bioinksâ€"materials used in printing cells in designed 3D forms. Journal of Biomaterials Science, Polymer Edition, 2021, 32, 1072-1106.	1.9	9
7	<scp>3D</scp> printed hybrid bone constructs of <scp>PCL</scp> and dental pulp stem cells loaded <scp>GelMA</scp>. Journal of Biomedical Materials Research - Part A, 2021, 109, 2425-2437.	2.1	38
8	Enhancing esophageal repair with bioactive bilayer mesh containing FGF. Scientific Reports, 2021, 11, 19203.	1.6	2
9	A two-compartment bone tumor model to investigate interactions between healthy and tumor cells. Biomedical Materials (Bristol), 2020, 15, 035007.	1.7	4
10	Multifunctional periodontal membrane for treatment and regeneration purposes. Journal of Bioactive and Compatible Polymers, 2020, 35, 117-138.	0.8	7
11	3D and 4D Printing of Polymers for Tissue Engineering Applications. Frontiers in Bioengineering and Biotechnology, 2019, 7, 164.	2.0	275
12	Synthesis and characterization of polycaprolactone-based segmentedpolyurethanes. Turkish Journal of Chemistry, 2019, 43, 452-463.	0.5	5
13	Highly Crystalline Poly(<scp>l</scp>-lactic acid) Porous Films Prepared with CO₂-philic, Hybrid, Liquid Cell Nucleators. Industrial & Engineering Chemistry Research, 2019, 58, 22541-22550.	1.8	6
14	Biomechanical analysis of a modified suture technique for septal extension grafts: Transloop suture. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2019, 72, 1825-1831.	0.5	3
15	An estradiol releasing, proangiogenic hydrogel as a candidate material for use in soft tissue interposition. Neurourology and Urodynamics, 2019, 38, 1195-1202.	0.8	5
16	Dual- and Multistimuli-Responsive Polymers for Biomedical Applications. , 2019, , 255-278.		6
17	Square prism micropillars on poly(methyl methacrylate) surfaces modulate the morphology and differentiation of human dental pulp mesenchymal stem cells. Colloids and Surfaces B: Biointerfaces, 2019, 178, 44-55.	2.5	22
18	Hydrogels of agarose, and methacrylated gelatin and hyaluronic acid are more supportive for in vitro meniscus regeneration than three dimensional printed polycaprolactone scaffolds. International Journal of Biological Macromolecules, 2019, 122, 1152-1162.	3.6	52

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19	Cell behavior on the alginate-coated PLLA/PLGA scaffolds. International Journal of Biological Macromolecules, 2019, 124, 444-450.	3.6	19
20	A 3D printed PCL/hydrogel construct with zone-specific biochemical composition mimicking that of the meniscus. Biofabrication, 2019, 11, 025002.	3.7	89
21	Preparation and characterization of poly(Îµ-caprolactone) scaffolds modified with cell-loaded fibrin gel. International Journal of Biological Macromolecules, 2019, 125, 683-689.	3.6	17
22	Multilayer polymeric films for controlled release of ceftriaxone sodium. Turk Hijiyen Ve Deneysel Biyoloji Dergisi Turkish Bulletin of Hygiene and Experimental Biology, 2019, 76, 303-312.	0.1	2
23	Effects of microarchitecture and mechanical properties of 3D microporous PLLA-PLGA scaffolds on fibrochondrocyte and L929 fibroblast behavior. Biomedical Materials (Bristol), 2018, 13, 035005.	1.7	23
24	Nuclear targeting peptide-modified, DOX-loaded, PHBV nanoparticles enhance drug efficacy by targeting to Saos-2 cell nuclear membranes. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 507-519.	1.9	17
25	PCL-TCP wet spun scaffolds carrying antibiotic-loaded microspheres for bone tissue engineering. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 805-824.	1.9	25
26	PCL and PCL-based materials in biomedical applications. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 863-893.	1.9	529
27	Fundamentals of Biomaterials. , 2018, , .		20
28	Biomaterials and Devices in Soft Tissue Augmentation. , 2018, , 199-218.		0
29	Tissue-Biomaterial Interactions. , 2018, , 141-157.		0
30	Sterilization of Biomaterials. , 2018, , 187-198.		3
31	Blood Interfacing Applications. , 2018, , 233-256.		0
32	Tissue Engineering and Regenerative Medicine. , 2018, , 281-302.		2
33	Nano- and Microarchitecture of Biomaterial Surfaces. , 2018, , 303-329.		1
34	Properties of Solids. , 2018, , 15-34.		0
35	Polymers as Biomaterials. , 2018, , 65-82.		0
36	Carbon as a Biomaterial. , 2018, , 83-94.		1

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37	Building Blocks of the Human Body. , 2018, , 95-115.		0
38	Effect of chemical structure on properties of polyurethanes: Temperature responsiveness and biocompatibility. Journal of Bioactive and Compatible Polymers, 2018, 33, 479-497.	0.8	5
39	A bilayer scaffold prepared from collagen and carboxymethyl cellulose for skin tissue engineering applications. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 1764-1784.	1.9	31
40	Hydrogels as a New Platform to Recapitulate the Tumor Microenvironment. , 2018, , 463-494.		9
41	Square prism micropillars improve osteogenicity of poly(methyl methacrylate) surfaces. Journal of Materials Science: Materials in Medicine, 2018, 29, 53.	1.7	15
42	Composites as Biomaterials. , 2018, , 117-130.		0
43	A cell attracting composite of lumbar fusion cage. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 749-767.	1.9	3
44	Development of a UV crosslinked biodegradable hydrogel containing adipose derived stem cells to promote vascularization for skin wounds and tissue engineering. Biomaterials, 2017, 129, 188-198.	5.7	317
45	3D printed poly(Îµ-caprolactone) scaffolds modified with hydroxyapatite and poly(propylene fumarate) and their effects on the healing of rabbit femur defects. Biomaterials Science, 2017, 5, 2144-2158.	2.6	72
46	1.22 Polymer Fundamentals: Polymer Synthesis â˜†. , 2017, , 478-506.		3
47	Supercritical processing of CO 2 -philic polyhedral oligomeric silsesquioxane (POSS)-poly(l -lactic) Tj ETQq1 1 0.784314 rgBT /Overloc	1.6	9
48	Quantification of Type, Timing, and Extent of Cell Body and Nucleus Deformations Caused by the Dimensions and Hydrophilicity of Square Prism Micropillars. Advanced Healthcare Materials, 2016, 5, 2972-2982.	3.9	28
49	Construction of a patterned hydrogelâ€"fibrous mat bilayer structure to mimic choroid and Bruch's membrane layers of retina. Journal of Biomedical Materials Research - Part A, 2016, 104, 2166-2177.	2.1	35
50	Polyacrylamideâ€based semiâ€interpenetrating networks for entrapment of laccase and their use in azo dye decolorization. Biotechnology and Applied Biochemistry, 2016, 63, 699-707.	1.4	13
51	Modified chitosan scaffolds: Proliferative, cytotoxic, apoptotic, and necrotic effects on Saos-2 cells and antimicrobial effect on Escherichia coli. Journal of Bioactive and Compatible Polymers, 2016, 31, 304-319.	0.8	8
52	Hydrogels in Regenerative Medicine. , 2016, , 1-52.		18
53	Immobilization of heparin on chitosan-grafted polyurethane films to enhance anti-adhesive and antibacterial properties. Journal of Bioactive and Compatible Polymers, 2016, 31, 72-90.	0.8	32
54	Preparation and characterization of Chitosan and PLGAâ€based scaffolds for tissue engineering applications. Polymer Composites, 2015, 36, 1917-1930.	2.3	13

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55	Enhancement of antibacterial properties of polyurethanes by chitosan and heparin immobilization. Applied Surface Science, 2015, 357, 1692-1702.	3.1	40
56	The Effects of Local and Systemic Growth Hormone Treatment on Germ Cell Population and Fertility in an Experimental Unilateral Testicular Torsion and Orchiectomy Model. Journal of Urology, 2015, 194, 1816-1822.	0.2	5
57	Biocompatibility of Dead Sea Water and retinyl palmitate carrying poly(3-hydroxybutyrate-co-3-hydroxyvalerate) micro/nanoparticles designed for transdermal skin therapy. Journal of Bioactive and Compatible Polymers, 2015, 30, 455-471.	0.8	6
58	Poly(sebacic anhydride) nanocapsules as carriers: effects of preparation parameters on properties and release of doxorubicin. Journal of Microencapsulation, 2015, 32, 166-174.	1.2	7
59	Poly(ester-urethane) scaffolds: effect of structure on properties and osteogenic activity of stem cells. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 930-942.	1.3	15
60	pH-Responsive Nano Carriers for Doxorubicin Delivery. Pharmaceutical Research, 2015, 32, 1249-1263.	1.7	21
61	Heparin/Chitosan/Alginate Complex Scaffolds as Wound Dressings: Characterization and Antibacterial Study Against <I>Staphylococcus epidermidis</I>. Journal of Biomaterials and Tissue Engineering, 2015, 5, 104-113.	0.0	9
62	Properties and phase segregation of crosslinked PCLâ€based polyurethanes. Journal of Applied Polymer Science, 2014, 131, .	1.3	28
63	Stimuli-Responsive Structures from Cationic Polymers for Biomedical Applications. RSC Polymer Chemistry Series, 2014, , 149-177.	0.1	1
64	Peripheral nerve conduits: technology update. Medical Devices: Evidence and Research, 2014, 7, 405.	0.4	129
65	Acrylic bone cements: Effects of the poly(methyl methacrylate) powder size and chitosan addition on their properties. Journal of Applied Polymer Science, 2014, 131, .	1.3	19
66	Construction and in vitro testing of a multilayered, tissue-engineered meniscus. Journal of Bioactive and Compatible Polymers, 2014, 29, 235-253.	0.8	19
67	In vitro and transdermal penetration of PHBV micro/nanoparticles. Journal of Materials Science: Materials in Medicine, 2014, 25, 1471-1481.	1.7	27
68	Electrospinning of chitosan/poly(lactic acid-co-glycolic acid)/hydroxyapatite composite nanofibrous mats for tissue engineering applications. Polymer Bulletin, 2014, 71, 2999-3016.	1.7	10
69	A multilayer tissue engineered meniscus substitute. Journal of Materials Science: Materials in Medicine, 2014, 25, 1195-1209.	1.7	16
70	Synthesis and surface modification of polyurethanes with chitosan for antibacterial properties. Carbohydrate Polymers, 2014, 112, 39-47.	5.1	135
71	Poly(Îµâ€caprolactone) composite scaffolds loaded with gentamicinâ€containing Î²â€tricalcium phosphate/gelatin microspheres for bone tissue engineering applications. Journal of Applied Polymer Science, 2014, 131, .	1.3	8
72	Proliferation and Differentiation of Mesenchymal Stem Cells in Chitosan Scaffolds Loaded with Nanocapsules Containing Bone Morphogenetic Proteins-4, Platelet-Derived Growth Factor and Insulin-Like Growth Factor 1. Journal of Biomaterials and Tissue Engineering, 2014, 4, 181-188.	0.0	8

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73	Modification of Poly(methyl methacrylate) Surfaces with Oxygen, Nitrogen and Argon Plasma. Journal of Biomaterials and Tissue Engineering, 2014, 4, 479-487.	0.0	5
74	<I>In Vivo</I> Performance of Poly(<I>Îµ</I>-caprolactone) Constructs Loaded with Gentamicin Releasing Composite Microspheres for Use in Bone Regeneration. Journal of Biomaterials and Tissue Engineering, 2014, 4, 786-795.	0.0	4
75	Poly(Îµâ€caprolactone) composites containing gentamicinâ€loaded Î²â€tricalcium phosphate/gelatin microspheres as bone tissue supports. Journal of Applied Polymer Science, 2013, 127, 2132-2139.	1.3	13
76	Anin vivostudy on the effect of scaffold geometry and growth factor release on the healing of bone defects. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 687-696.	1.3	32
77	Semi-IPN chitosan/polyvinylpyrrolidone microspheres and films: sustained release and property optimisation. Journal of Microencapsulation, 2013, 30, 762-770.	1.2	9
78	Chitosanâ€based wetâ€spun scaffolds for bioactive agent delivery. Journal of Applied Polymer Science, 2013, 130, 3759-3769.	1.3	22
79	Surface characterization and radical decay studies of oxygen plasmaâ€treated PMMA films. Surface and Interface Analysis, 2013, 45, 844-853.	0.8	34
80	A biomimetic growth factor delivery strategy for enhanced regeneration of iliac crest defects. Biomedical Materials (Bristol), 2013, 8, 045009.	1.7	10
81	Gelatin Based Scaffolds and Effect of EGF Dose on Wound Healing. Journal of Biomaterials and Tissue Engineering, 2013, 3, 205-211.	0.0	12
82	A Mechanically Functional Collagen-Based Construct Designed as a Meniscus Substitute. Journal of Biomaterials and Tissue Engineering, 2013, 3, 173-184.	0.0	3
83	Synthesis of Emulsion-Templated Acrylic-Based Porous Polymers: From Brittle to Elastomeric. Soft Materials, 2012, 10, 449-461.	0.8	16
84	Gentamicin loaded Î²â€tricalcium phosphate/gelatin composite microspheres as biodegradable bone fillers. Polymer Composites, 2012, 33, 1644-1651.	2.3	10
85	Blood compatibility of polymers derived from natural materials. Journal of Bioactive and Compatible Polymers, 2012, 27, 295-312.	0.8	28
86	Porous Agarose-Based Semi-IPN Hydrogels: Characterization and Cell Affinity Studies. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 2273-2286.	1.9	7
87	Semi-IPN Chitosan/PEG Microspheres and Films for Biomedical Applications: Characterization and Sustained Release Optimization. Industrial & Engineering Chemistry Research, 2012, 51, 11946-11954.	1.8	24
88	Development of porous chitosan-gelatin/hydroxyapatite composite scaffolds for hard tissue-engineering applications. Journal of Tissue Engineering and Regenerative Medicine, 2012, 6, 135-143.	1.3	86
89	Preparation of chitosanâ€coated magnetite nanoparticles and application for immobilization of laccase. Journal of Applied Polymer Science, 2012, 123, 707-716.	1.3	129
90	Adsorption of reactive yellow 145 onto chitosan coated magnetite nanoparticles. Journal of Applied Polymer Science, 2012, 124, 576-584.	1.3	53

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91	Lysine Based Poly(ester-urethane) Films for Tissue Engineering Applications. Journal of Biomaterials and Tissue Engineering, 2012, 2, 143-153.	0.0	6
92	Modification of Acrylic Bone Cements with Oxygen Plasma and Additives. Journal of Biomaterials and Tissue Engineering, 2012, 2, 236-243.	0.0	7
93	Detailed Characterization of Structure-Property Relationship of Polyurethanes Synthesized as Biomaterials. Journal of Biomaterials and Tissue Engineering, 2012, 2, 345-354.	0.0	7
94	Fate of Poly-3-Hydroxybutyrate-co3-Hydroxyvalerate on Skin. Journal of Siberian Federal University - Biology, 2012, 5, 404-416.	0.2	3
95	Alpha-tricalcium phosphate (Î±-TCP): solid state synthesis from different calcium precursors and the hydraulic reactivity. Journal of Materials Science: Materials in Medicine, 2011, 22, 809-817.	1.7	29
96	Microfabrication of PDLLA scaffolds. Journal of Tissue Engineering and Regenerative Medicine, 2011, 5, 569-577.	1.3	16
97	A cost-effective and simple culture method for primary hepatocytes. Animal Cells and Systems, 2011, 15, 19-27.	0.8	5
98	Sequential BMPâ€2/BMPâ€7 delivery from polyester nanocapsules. Journal of Biomedical Materials Research - Part A, 2010, 93A, 528-536.	2.1	96
99	Effect of scaffold architecture and BMP-2/BMP-7 delivery on in vitro bone regeneration. Journal of Materials Science: Materials in Medicine, 2010, 21, 2999-3008.	1.7	73
100	Immobilization of laccase in Îº-carrageenan based semi-interpenetrating polymer networks. Journal of Biotechnology, 2010, 148, 216-220.	1.9	61
101	Acrylic-based high internal phase emulsion polymeric monolith for capillary electrochromatography. Journal of Chromatography A, 2010, 1217, 1654-1659.	1.8	47
102	Effect of oxygen plasma on surface properties and biocompatibility of PLGA films. Surface and Interface Analysis, 2010, 42, 486-491.	0.8	34
103	Preparation and characterization of natural polymer-based composite films for hard tissue engineering approaches. , 2010, , .		0
104	Effects of Local and Sustained Release of FGF, IGF, and GH on Germ Cells in Unilateral Undescended Testis in Rats. Urology, 2010, 75, 223-228.	0.5	14
105	Effect of oxygen plasma on surface properties and biocompatibility of PLGA films. , 2010, , .		1
106	Synthesis, characterization and biocompatibility of biodegradable poly(ester-urethane) for tissue engineering applications. , 2010, , .		1
107	Effects of ingredients on thermal and mechanical properties of acrylic bone cements. Journal of Applied Polymer Science, 2009, 113, 4077-4084.	1.3	21
108	Epidermal growth factorâ€containing wound closure enhances wound healing in nonâ€diabetic and diabetic rats. International Wound Journal, 2009, 6, 107-115.	1.3	56

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109	Semi-interpenetrating polymer networks (semi-IPNs) for entrapment of laccase and their use in Acid Orange 52 decolorization. Process Biochemistry, 2009, 44, 440-445.	1.8	52
110	Incorporation of a sequential BMP-2/BMP-7 delivery system into chitosan-based scaffolds for bone tissue engineering. Biomaterials, 2009, 30, 3551-3559.	5.7	304
111	How safe is the use of prosthetic materials in the repair of abdominal-wall defects in malnourished subjects?. Open Medicine (Poland), 2009, 4, 331-336.	0.6	2
112	Preparation and characterization of chitosan containing acrylic bone cement formulations. , 2009, , .		0
113	Reduction of peritoneal adhesions by sustained and local administration of epidermal growth factor. Pediatric Surgery International, 2008, 24, 191-197.	0.6	11
114	Nanopatterned collagen tubes for vascular tissue engineering. Journal of Tissue Engineering and Regenerative Medicine, 2008, 2, 373-377.	1.3	18
115	Evaluation of surface free energy for PMMA films. Journal of Applied Polymer Science, 2008, 108, 438-446.	1.3	66
116	Preparation and characterization of antibacterial zeoliteâ€“polyurethane composites. Journal of Applied Polymer Science, 2008, 110, 2854-2861.	1.3	41
117	COVALENT IMMOBILIZATION OF INVERTASE ON CHEMICALLY ACTIVATED POLY (STYRENE-2-HYDROXYETHYL) Tj ETQq1 1 0.784314 rgB	1.2	18
118	IMMOBILIZATION OF GLUCOSE ISOMERASE IN SURFACE-MODIFIED ALGINATE GEL BEADS. Journal of Food Biochemistry, 2008, 32, 234-246.	1.2	40
119	Surface Modification of Polyurethanes with Covalent Immobilization of Heparin. Macromolecular Symposia, 2008, 269, 145-153.	0.4	35
120	The effects of local and sustained release of fibroblast growth factor on wound healing in esophageal anastomoses. Journal of Pediatric Surgery, 2008, 43, 290-295.	0.8	25
121	Influence of Oxygen Plasma Modification on Surface Free Energy of PMMA Films and Cell Attachment. Macromolecular Symposia, 2008, 269, 128-137.	0.4	34
122	Plasma Protein Adsorption and Platelet Adhesion on Heparin-Immobilized Polyurethane Films. Journal of Bioactive and Compatible Polymers, 2008, 23, 505-519.	0.8	34
123	3D Plotted PCL Scaffolds for Stem Cell Based Bone Tissue Engineering. Macromolecular Symposia, 2008, 269, 92-99.	0.4	102
124	Pulley Reconstruction With Different Materials: Experimental Study. Annals of Plastic Surgery, 2008, 61, 215-220.	0.5	3
125	Effects of resterilization on mechanical properties of polypropylene meshes. American Journal of Surgery, 2007, 194, 375-379.	0.9	14
126	Synthesis and Modifications of Polyurethanes for Biomedical Purposes. High Performance Polymers, 2007, 19, 621-637.	0.8	50

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127	Evaluation of Neointimal Hyperplasia on Tranilast-Coated Synthetic Vascular Grafts: An Experimental Study. Journal of Investigative Surgery, 2007, 20, 167-173.	0.6	3
128	Micro and Nano Systems in Biomedicine and Drug Delivery. , 2007, , 1-26.		15
129	Plasma modification of PMMA films: surface free energy and cell-attachment studies. Journal of Biomaterials Science, Polymer Edition, 2007, 18, 759-773.	1.9	45
130	Preparation and characterization of zeolite betaâ€“polyurethane composite membranes. Journal of Applied Polymer Science, 2007, 104, 3378-3387.	1.3	21
131	Adsorption of human salivary mucin MG1 onto glow-discharge plasma treated acrylic resin surfaces. Journal of Oral Rehabilitation, 2006, 33, 775-783.	1.3	13
132	Comonomer effects on binding performances and morphology of acrylate-based imprinted polymers. Polymer, 2006, 47, 6931-6940.	1.8	32
133	Semi-interpenetrating polymer networks (IPNs) for entrapment of glucose isomerase. Reactive and Functional Polymers, 2006, 66, 389-394.	2.0	42
134	Activation of poly(dimer acid-co-alkyl polyamine) particles for covalent immobilization of Î±-amylase. Reactive and Functional Polymers, 2006, 66, 1546-1551.	2.0	43
135	Covalent immobilization of invertase on chemically activated poly(2-hydroxyethyl methacrylate) microbeads. Russian Chemical Bulletin, 2006, 55, 1860-1864.	0.4	7
136	Preparation, modification, and characterization of acrylic cements. Journal of Applied Polymer Science, 2006, 99, 3631-3637.	1.3	15
137	Desferrioxamine release from gelatin-based systems. Biotechnology and Applied Biochemistry, 2005, 42, 237.	1.4	12
138	Adherence of Candida albicans to glow-discharge modified acrylic denture base polymers. Journal of Oral Rehabilitation, 2005, 32, 518-525.	1.3	60
139	Preparation and characterization of a biodegradable drug targeting system for anticancer drug delivery: Microsphere-antibody conjugate. Journal of Drug Targeting, 2005, 13, 151-159.	2.1	27
140	The effect of sustained and local administration of epidermal growth factor on improving bilateral testicular tissue after torsion. Urological Research, 2004, 32, 323-331.	1.5	43
141	Thermal and mechanical properties of hydroxyapatite impregnated acrylic bone cements. Polymer Testing, 2004, 23, 145-155.	2.3	96
142	Prolonged cytotoxic effect of colchicine released from biodegradable microspheres. Journal of Biomedical Materials Research Part B, 2004, 71B, 295-304.	3.0	45
143	Cytotoxicity of 5-fluorouracil entrapped in gelatin microspheres. Journal of Microencapsulation, 2004, 21, 293-306.	1.2	26
144	Polyurethanes in Biomedical Applications. Advances in Experimental Medicine and Biology, 2004, 553, 83-101.	0.8	73

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145	Sustained local application of low-dose epidermal growth factor on steroid-inhibited colonic wound healing. Journal of Pediatric Surgery, 2004, 39, 591-595.	0.8	28
146	The effects of local and sustained release of fibroblast growth factor on testicular blood flow and morphology in spermatic arteryâ€" and vein-ligated rats. Journal of Pediatric Surgery, 2004, 39, 709-716.	0.8	13
147	Oxygen plasma modification of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) film surfaces for tissue engineering purposes. Journal of Applied Polymer Science, 2003, 87, 1285-1289.	1.3	39
148	Macroporous poly(3-hydroxybutyrate-co-3-hydroxyvalerate) matrices for bone tissue engineering. Biomaterials, 2003, 24, 1949-1958.	5.7	178
149	The Use of Antibodies in Diagnosis and Therapy of Cancer. Advances in Experimental Medicine and Biology, 2003, 534, 309-325.	0.8	3
150	Gelatin Microspheres and Sponges for Delivery of Macromolecules. Journal of Biomaterials Applications, 2002, 16, 227-241.	1.2	46
151	Cytotoxicity evaluation of gelatin sponges prepared with different cross-linking agents. Journal of Biomaterials Science, Polymer Edition, 2002, 13, 1203-1219.	1.9	118
152	Iron(III) ion removal from solution through adsorption on chitosan. Journal of Applied Polymer Science, 2002, 84, 1185-1192.	1.3	70
153	Oxygen plasma modification of polyurethane membranes. Journal of Materials Science: Materials in Medicine, 2002, 13, 1147-1152.	1.7	67
154	EGF containing gelatin-based wound dressings. Biomaterials, 2001, 22, 1345-1356.	5.7	278
155	Adsorption of blood proteins on glow-discharge-modified polyurethane membranes. Journal of Applied Polymer Science, 2001, 81, 1322-1332.	1.3	32
156	Covalent immobilization of Î±-amylase onto poly(2-hydroxyethyl methacrylate) and poly(styrene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Chemistry, 2000, 68, 259-266.	4.2	62
157	Bond strength and failure analysis of lining materials to denture resin. Dental Materials, 1999, 15, 211-218.	1.6	96
158	Covalent Immobilization of a Î±-Amylase onto Poly(methyl methacrylate-2-hydroxyethyl methacrylate) Microspheres and the Effect of Ca2+ Ions on the Enzyme Activity. Starch/Staerke, 1999, 51, 211-217.	1.1	11
159	Stability of Î±-amylase immobilized on poly(methyl methacrylate-acrylic acid) microspheres. Journal of Biotechnology, 1998, 60, 37-46.	1.9	97
160	Polymeric Materials in Wound Healing. , 1998, , 145-153.		1
161	Color removal by white-rot fungi. Studies in Environmental Science, 1997, , 211-222.	0.0	6
162	Controlled release of biologically active agents for purposes of agricultural crop management. Resources, Conservation and Recycling, 1996, 16, 289-320.	5.3	120

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163	Preparation and characterization of crosslinked gelatin microspheres. Journal of Applied Polymer Science, 1995, 58, 95-100.	1.3	91
164	Entrapment of Urease in glycol-containing polymeric matrices and estimation of effective diffusion coefficient of urea. Polymer, 1995, 36, 4091-4096.	1.8	9
165	Immobilization of urease and estimation of effective diffusion coefficients of urea in HEMA and VP copolymer matrices. Polymer International, 1994, 35, 321-327.	1.6	30
166	Effects of thermal ageing on the properties and lifetime prediction of hydroxyl-terminated polybutadiene. Polymer, 1994, 35, 2568-2572.	1.8	28
167	Properties of plasma-modified polyurethane surfaces. Colloids and Surfaces B: Biointerfaces, 1993, 1, 261-269.	2.5	16
168	Covalent immobilization of Aspergillus niger on pHEMA membrane: Application to continuous flow reactors. Journal of Chemical Technology and Biotechnology, 1993, 58, 281-285.	1.6	24
169	Polyurethanes: effect of chemical composition on mechanical properties and oxygen permeability. Polymer, 1992, 33, 2084-2088.	1.8	27
170	Polyvinylpyridineâ€“ethanol systems. Journal of Applied Polymer Science, 1992, 46, 1307-1310.	1.3	4
171	A comparative study of the performance of solid supported and soluble urease for the enzymatic hydrolysis of urea. Journal of Chemical Technology and Biotechnology, 1992, 55, 319-323.	1.6	12
172	Polyurethanes as biomedical materials. British Polymer Journal, 1990, 23, 267-272.	0.7	20
173	Permeability properties of charged hydrogel-carrying membranes. Polymer, 1990, 31, 270-275.	1.8	9
174	Mode of crosslinking of degradable poly(vinylpyridine N-oxide) gels. Polymer, 1990, 31, 2393-2396.	1.8	3
175	A Novel Polyurethane Film for Biomedical Use. Journal of Bioactive and Compatible Polymers, 1987, 2, 131-141.	0.8	12
176	Silicone polymerization by glow discharge application. Journal of Applied Polymer Science, 1987, 34, 1135-1144.	1.3	8
177	Surface modification of charcoal by glow-discharge: The effect on blood cells. Journal of Applied Polymer Science, 1987, 34, 2457-2468.	1.3	14
178	Polymer coating for hemoperfusion over activated charcoal. Journal of Biomedical Materials Research Part B, 1986, 20, 963-970.	3.0	17
179	Polymerization of hexamethyldisiloxane by plasma on activated charcoal: Investigation of parameters. Journal of Applied Polymer Science, 1984, 29, 2617-2625.	1.3	10
180	Coating of silver nanoparticles on polyurethane film surface by green chemistry approach and investigation of antibacterial activity against S. epidermidis. Journal of Bioactive and Compatible Polymers, 0, , 088391152210980.	0.8	1