

# Vasif Hasirci

## 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.

136  
papers

4,014  
citations

33  
h-index

59  
g-index

145  
ext. papers

4,771  
ext. citations

5.4  
avg, IF

5.94  
L-index

#	Paper	IF	Citations
136	In vitro evaluation of injectable Tideglusib-loaded hyaluronic acid hydrogels incorporated with Rg1-loaded chitosan microspheres for vital pulp regeneration.. <i>Carbohydrate Polymers</i> , <b>2022</b> , 278, 118976	10.3	2
135	Corrosion Resistance and Cytocompatibility of Magnesium-Calcium Alloys Modified with Zinc- or Gallium-Doped Calcium Phosphate Coatings.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> ,	9.5	1
134	Fabrication of a 3D Printed PCL Nerve Guide: In Vitro and In Vivo Testing.. <i>Macromolecular Bioscience</i> , <b>2021</b> , e2100389	5.5	0
133	The role of biomaterials and scaffolds in immune responses in regenerative medicine: macrophage phenotype modulation by biomaterial properties and scaffold architectures. <i>Biomaterials Science</i> , <b>2021</b> , 9, 8090-8110	7.4	2
132	Engineered Hydrogels <b>2021</b> , 89-114		1
131	Mechanobiology <b>2021</b> , 229-270		
130	Evaluating Oxygen Tensions Related to Bone Marrow and Matrix for MSC Differentiation in 2D and 3D Biomimetic Lamellar Scaffolds. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
129	Engineered Biopolymers <b>2021</b> , 65-88		0
128	Evaluation of a collagen-bioaggregate composite scaffold in the repair of sheep pulp tissue. <i>European Oral Research</i> , <b>2021</b> , 55, 152-161	0.9	0
127	3D printed hybrid bone constructs of PCL and dental pulp stem cells loaded GelMA. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2021</b> , 109, 2425-2437	5.4	7
126	Micropatterned Surfaces: Micropatterned Surfaces Expose the Coupling between Actin Cytoskeleton-Lamin/Nesprin and Nuclear Deformability of Breast Cancer Cells with Different Malignancies (Adv. Biology 1/2021). <i>Advanced Biology</i> , <b>2021</b> , 5, 2170012		0
125	Micropatterned Surfaces Expose the Coupling between Actin Cytoskeleton-Lamin/Nesprin and Nuclear Deformability of Breast Cancer Cells with Different Malignancies. <i>Advanced Biology</i> , <b>2021</b> , 5, e2000048		4
124	A Circulating Bioreactor Reprograms Cancer Cells Toward a More Mesenchymal Niche. <i>Advanced Biology</i> , <b>2020</b> , 4, e1900139	3.5	1
123	A two-compartment bone tumor model to investigate interactions between healthy and tumor cells. <i>Biomedical Materials (Bristol)</i> , <b>2020</b> , 15, 035007	3.5	2
122	3D cellular alignment and biomimetic mechanical stimulation enhance human adipose-derived stem cell myogenesis. <i>Biomedical Materials (Bristol)</i> , <b>2020</b> , 15, 055017	3.5	7
121	The effect of introduction of filament shift on degradation behaviour of PLGA- and PLCL-based scaffolds fabricated via additive manufacturing. <i>Polymer Degradation and Stability</i> , <b>2020</b> , 171, 109030	4.7	10
120	3D printing of polymeric tissue engineering scaffolds using open-source fused deposition modeling. <i>Emergent Materials</i> , <b>2020</b> , 3, 429-439	3.5	7

119	Methacrylated gelatin hydrogels as corneal stroma substitutes: study. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2019</b> , 30, 1803-1821	3.5	10
118	An estradiol releasing, proangiogenic hydrogel as a candidate material for use in soft tissue interposition. <i>Neurourology and Urodynamics</i> , <b>2019</b> , 38, 1195-1202	2.3	3
117	Square prism micropillars on poly(methyl methacrylate) surfaces modulate the morphology and differentiation of human dental pulp mesenchymal stem cells. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 178, 44-55	6	14
116	Amplification of nuclear deformation of breast cancer cells by seeding on micropatterned surfaces to better distinguish their malignancies. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 183, 110402	6	9
115	Anatomical meniscus construct with zone specific biochemical composition and structural organization. <i>Biomaterials</i> , <b>2019</b> , 218, 119361	15.6	19
114	3D and 4D Printing of Polymers for Tissue Engineering Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2019</b> , 7, 164	5.8	162
113	Cell loaded 3D bioprinted GelMA hydrogels for corneal stroma engineering. <i>Biomaterials Science</i> , <b>2019</b> , 8, 438-449	7.4	40
112	Cell Loaded GelMA:HEMA IPN hydrogels for corneal stroma engineering. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2019</b> , 31, 2	4.5	9
111	Hydrogels of agarose, and methacrylated gelatin and hyaluronic acid are more supportive for in vitro meniscus regeneration than three dimensional printed polycaprolactone scaffolds. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 122, 1152-1162	7.9	32
110	Microfibrous scaffolds from poly(L-lactide-co-ε-caprolactone) blended with xeno-free collagen/hyaluronic acid for improvement of vascularization in tissue engineering applications. <i>Materials Science and Engineering C</i> , <b>2019</b> , 97, 31-44	8.3	32
109	Cell behavior on the alginate-coated PLLA/PLGA scaffolds. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 124, 444-450	7.9	11
108	A novel GelMA-pHEMA hydrogel nerve guide for the treatment of peripheral nerve damages. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 121, 699-706	7.9	29
107	A 3D printed PCL/hydrogel construct with zone-specific biochemical composition mimicking that of the meniscus. <i>Biofabrication</i> , <b>2019</b> , 11, 025002	10.5	52
106	Engineered natural and synthetic polymer surfaces induce nuclear deformation in osteosarcoma cells. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2019</b> , 107, 366-376	3.5	6
105	Development of PEI-RANK siRNA Complex Loaded PLGA Nanocapsules for the Treatment of Osteoporosis. <i>Tissue Engineering - Part A</i> , <b>2019</b> , 25, 34-43	3.9	15
104	Effects of microarchitecture and mechanical properties of 3D microporous PLLA-PLGA scaffolds on fibrochondrocyte and L929 fibroblast behavior. <i>Biomedical Materials (Bristol)</i> , <b>2018</b> , 13, 035005	3.5	16
103	Nuclear targeting peptide-modified, DOX-loaded, PHBV nanoparticles enhance drug efficacy by targeting to Saos-2 cell nuclear membranes. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2018</b> , 29, 507-519	3.5	10
102	PCL-TCP wet spun scaffolds carrying antibiotic-loaded microspheres for bone tissue engineering. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2018</b> , 29, 805-824	3.5	18

101	PCL and PCL-based materials in biomedical applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2018</b> , 29, 863-893	3.5	321
100	PHBV wet-spun scaffold coated with ELR-REDV improves vascularization for bone tissue engineering. <i>Biomedical Materials (Bristol)</i> , <b>2018</b> , 13, 055010	3.5	14
99	A bilayer scaffold prepared from collagen and carboxymethyl cellulose for skin tissue engineering applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2018</b> , 29, 1764-1784	3.5	19
98	Hydrogels as a New Platform to Recapitulate the Tumor Microenvironment <b>2018</b> , 463-494		6
97	Square prism micropillars improve osteogenicity of poly(methyl methacrylate) surfaces. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2018</b> , 29, 53	4.5	8
96	Composites as Biomaterials <b>2018</b> , 117-130		
95	Fundamentals of Human Biology and Anatomy <b>2018</b> , 131-140		
94	Mimicking corneal stroma using keratocyte-loaded photopolymerizable methacrylated gelatin hydrogels. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2018</b> , 12, e1899-e1910	4.4	48
93	Fundamentals of Biomaterials <b>2018</b> ,		10
92	Biomaterials and Devices in Soft Tissue Augmentation <b>2018</b> , 199-218		
91	Controlled Release Systems <b>2018</b> , 257-279		1
90	Tissue-Biomaterial Interactions <b>2018</b> , 141-157		
89	Sterilization of Biomaterials <b>2018</b> , 187-198		1
88	Blood Interfacing Applications <b>2018</b> , 233-256		
87	Tissue Engineering and Regenerative Medicine <b>2018</b> , 281-302		1
86	Nano- and Microarchitecture of Biomaterial Surfaces <b>2018</b> , 303-329		0
85	Properties of Solids <b>2018</b> , 15-34		
84	Metals as Biomaterials <b>2018</b> , 35-49		2

83 Polymers as Biomaterials **2018**, 65-82

82 Carbon as a Biomaterial **2018**, 83-94

1

81 Building Blocks of the Human Body **2018**, 95-115

80 Micro and Nanofabrication methods to control cell-substrate interactions and cell behavior: A review from the tissue engineering perspective. *Bioactive Materials*, **2018**, 3, 355-369

16.7 130

79 Effect of chemical structure on properties of polyurethanes: Temperature responsiveness and biocompatibility. *Journal of Bioactive and Compatible Polymers*, **2018**, 33, 479-497

2 3

78 Cartilage tissue engineering on macroporous scaffolds using human tooth germ stem cells. *Journal of Tissue Engineering and Regenerative Medicine*, **2017**, 11, 765-777

4.4 8

77 Human adipose derived stem cells are superior to human osteoblasts (HOB) in bone tissue engineering on a collagen-fibroin-ELR blend. *Bioactive Materials*, **2017**, 2, 71-81

16.7 16

76 A cell attracting composite of lumbar fusion cage. *Journal of Biomaterials Science, Polymer Edition*, **2017**, 28, 749-767

3.5 3

75 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

15.6 217

74 1.22 Polymer Fundamentals: Polymer Synthesis ? **2017**, 478-506

3

73 3D printed poly( $\epsilon$ -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

7.4 54

72 Construction of a PLGA based, targeted siRNA delivery system for treatment of osteoporosis. *Journal of Biomaterials Science, Polymer Edition*, **2017**, 28, 1859-1873

3.5 13

71 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

10.1 22

70 Construction of a patterned hydrogel-fibrous mat bilayer structure to mimic choroid and Bruch's membrane layers of retina. *Journal of Biomedical Materials Research - Part A*, **2016**, 104, 2166-77

5.4 25

69 Hydrogels in Regenerative Medicine **2016**, 1-52

11

68 Influence of co-culture on osteogenesis and angiogenesis of bone marrow mesenchymal stem cells and aortic endothelial cells. *Microvascular Research*, **2016**, 108, 1-9

3.7 27

67 A high throughput approach for analysis of cell nuclear deformability at single cell level. *Scientific Reports*, **2016**, 6, 36917

4.9 25

66 Osteogenic differentiation of adipose derived stem cells on high and low aspect ratio micropatterns. *Journal of Biomaterials Science, Polymer Edition*, **2015**, 26, 1402-24

3.5 17

65	Biocompatibility of Dead Sea Water and retinyl palmitate carrying poly(3-hydroxybutyrate-co-3-hydroxyvalerate) micro/nanoparticles designed for transdermal skin therapy. <i>Journal of Bioactive and Compatible Polymers</i> , <b>2015</b> , 30, 455-471	2	4
64	Poly(sebacic anhydride) nanocapsules as carriers: effects of preparation parameters on properties and release of doxorubicin. <i>Journal of Microencapsulation</i> , <b>2015</b> , 32, 166-74	3-4	6
63	Tissue engineering of oral mucosa: a shared concept with skin. <i>Journal of Artificial Organs</i> , <b>2015</b> , 18, 8-19	18	31
62	pH-responsive nano carriers for doxorubicin delivery. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 1249-63	4-5	15
61	Preparation and characterization of Chitosan and PLGA-based scaffolds for tissue engineering applications. <i>Polymer Composites</i> , <b>2015</b> , 36, 1917-1930	3	8
60	In vitro and transdermal penetration of PHBV micro/nanoparticles. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2014</b> , 25, 1471-81	4-5	23
59	Contribution of Physical Forces on the Design of Biomimetic Tissue Substitutes <b>2014</b> , 59-76		
58	Electrospinning of chitosan/poly(lactic acid-co-glycolic acid)/hydroxyapatite composite nanofibrous mats for tissue engineering applications. <i>Polymer Bulletin</i> , <b>2014</b> , 71, 2999-3016	2-4	8
57	A collagen-based corneal stroma substitute with micro-designed architecture. <i>Biomaterials Science</i> , <b>2014</b> , 2, 318-29	7-4	34
56	A multilayer tissue engineered meniscus substitute. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2014</b> , 25, 1195-209	4-5	12
55	Construction of a collagen-based, split-thickness cornea substitute. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2014</b> , 25, 1110-32	3-5	28
54	Systematically organized nanopillar arrays reveal differences in adhesion and alignment properties of BMSC and Saos-2 cells. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 119, 71-81	6	9
53	Poly(L-lactide) composite scaffolds loaded with gentamicin-containing β-tricalcium phosphate/gelatin microspheres for bone tissue engineering applications. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2-9	6
52	Micro- and nano-modified surfaces for better polymeric implants <b>2014</b> , 30-42		1
51	Protein-based materials in load-bearing tissue-engineering applications. <i>Regenerative Medicine</i> , <b>2014</b> , 9, 687-701	2-5	22
50	Peripheral nerve conduits: technology update. <i>Medical Devices: Evidence and Research</i> , <b>2014</b> , 7, 405-24	1-5	96
49	Multiwalled CNT-pHEMA composite conduit for peripheral nerve repair. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2014</b> , 102, 828-41	5-4	44
48	Construction and in vitro testing of a multilayered, tissue-engineered meniscus. <i>Journal of Bioactive and Compatible Polymers</i> , <b>2014</b> , 29, 235-253	2	14

47	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. <i>Journal of Biomaterials and Tissue Engineering</i> , <b>2014</b> , 4, 181-188	0.3	7
46	In Vivo Performance of Poly( $\epsilon$ -caprolactone) Constructs Loaded with Gentamicin Releasing Composite Microspheres for Use in Bone Regeneration. <i>Journal of Biomaterials and Tissue Engineering</i> , <b>2014</b> , 4, 786-795	0.3	3
45	Poly( $\epsilon$ -caprolactone) composites containing gentamicin-loaded $\beta$ -tricalcium phosphate/gelatin microspheres as bone tissue supports. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 127, 2132-2139	2.9	12
44	Chitosan-based wet-spun scaffolds for bioactive agent delivery. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 130, 3759-3769	2.9	19
43	Understanding the cell behavior on nano-/micro-patterned surfaces. <i>Nanomedicine</i> , <b>2012</b> , 7, 1375-89	5.6	18
42	Modification of Acrylic Bone Cements with Oxygen Plasma and Additives. <i>Journal of Biomaterials and Tissue Engineering</i> , <b>2012</b> , 2, 236-243	0.3	6
41	A smart bilayer scaffold of elastin-like recombinamer and collagen for soft tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2011</b> , 22, 1541-54	4.5	44
40	The influence of elastin-like recombinant polymer on the self-renewing potential of a 3D tissue equivalent derived from human lamina propria fibroblasts and oral epithelial cells. <i>Biomaterials</i> , <b>2011</b> , 32, 5756-64	15.6	31
39	Topographically induced self-deformation of the nuclei of cells: dependence on cell type and proposed mechanisms. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2010</b> , 21, 939-46	4.5	41
38	Effect of oxygen plasma on surface properties and biocompatibility of PLGA films. <i>Surface and Interface Analysis</i> , <b>2010</b> , 42, 486-491	1.5	28
37	Microstructured Surfaces Cause Severe but Non-Detrimental Deformation of the Cell Nucleus. <i>Advanced Materials</i> , <b>2009</b> , 21, 3586-3590	24	90
36	Incorporation of a sequential BMP-2/BMP-7 delivery system into chitosan-based scaffolds for bone tissue engineering. <i>Biomaterials</i> , <b>2009</b> , 30, 3551-9	15.6	273
35	Nanopatterning of collagen scaffolds improve the mechanical properties of tissue engineered vascular grafts. <i>Biomacromolecules</i> , <b>2009</b> , 10, 814-21	6.9	62
34	Surface Modification of Polyurethanes with Covalent Immobilization of Heparin. <i>Macromolecular Symposia</i> , <b>2008</b> , 269, 145-153	0.8	33
33	Influence of Oxygen Plasma Modification on Surface Free Energy of PMMA Films and Cell Attachment. <i>Macromolecular Symposia</i> , <b>2008</b> , 269, 128-137	0.8	30
32	Plasma Protein Adsorption and Platelet Adhesion on Heparin-Immobilized Polyurethane Films. <i>Journal of Bioactive and Compatible Polymers</i> , <b>2008</b> , 23, 505-519	2	31
31	Development of a reconstructed cornea from collagen-chondroitin sulfate foams and human cell cultures <b>2008</b> , 49, 5325-31		77
30	3D Plotted PCL Scaffolds for Stem Cell Based Bone Tissue Engineering. <i>Macromolecular Symposia</i> , <b>2008</b> , 269, 92-99	0.8	85



29	Chemical and topographical modification of PHBV surface to promote osteoblast alignment and confinement. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2008</b> , 85, 1001-10	5.4	40
28	Construction of a choline biosensor through enzyme immobilization on a poly(2-hydroxyethyl methacrylate)-grafted Teflon film. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 104, 3469-3477	2.9	10
27	Influence of keratocytes and retinal pigment epithelial cells on the mechanical properties of polyester-based tissue engineering micropatterned films. <i>Biomaterials</i> , <b>2007</b> , 28, 3489-96	15.6	22
26	Effect of human corneal keratocytes and retinal pigment epithelial cells on the mechanical properties of micropatterned collagen films. <i>Biomaterials</i> , <b>2007</b> , 28, 4303-10	15.6	46
25	EDC/NHS cross-linked collagen foams as scaffolds for artificial corneal stroma. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2007</b> , 18, 1527-1545	3.5	45
24	Cornea engineering on polyester carriers. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2006</b> , 79, 104-13	5.4	21
23	Novel surface patterning approaches for tissue engineering and their effect on cell behavior. <i>Nanomedicine</i> , <b>2006</b> , 1, 73-90	5.6	44
22	Nanobiomaterials: a review of the existing science and technology, and new approaches. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2006</b> , 17, 1241-68	3.5	70
21	Tissue engineering of bone on micropatterned biodegradable polyester films. <i>Biomaterials</i> , <b>2006</b> , 27, 885-95	15.6	59
20	Bone tissue engineering on patterned collagen films: an in vitro study. <i>Biomaterials</i> , <b>2005</b> , 26, 1977-86	15.6	140
19	Poly(3-hydroxybutyric acid-co-3-hydroxyvaleric acid) based tissue engineering matrices. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2003</b> , 14, 121-6	4.5	55
18	Oxygen plasma modification of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) film surfaces for tissue engineering purposes. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 87, 1285-1289	2.9	37
17	Retinal pigment epithelium cell culture on surface modified poly(hydroxybutyrate-co-hydroxyvalerate) thin films. <i>Biomaterials</i> , <b>2003</b> , 24, 4573-83	15.6	107
16	Antihyperalgesic effect of simultaneously released hydromorphone and bupivacaine from polymer fibers in the rat chronic constriction injury model. <i>Life Sciences</i> , <b>2003</b> , 73, 3323-37	6.8	8
15	PLGA bone plates reinforced with crosslinked PPF. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2002</b> , 13, 159-67	4.5	6
14	Fundamentals of tissue engineering: Carrier materials and an application. <i>Technology and Health Care</i> , <b>2002</b> , 10, 187-201	1.1	4
13	In vivo response to biodegradable controlled antibiotic release systems. <i>Journal of Biomedical Materials Research Part B</i> , <b>2001</b> , 55, 217-228		47
12	Versatility of biodegradable biopolymers: degradability and an in vivo application. <i>Journal of Biotechnology</i> , <b>2001</b> , 86, 135-50	3.7	107



11	Expression of liver-specific functions by rat hepatocytes seeded in treated poly(lactic-co-glycolic) acid biodegradable foams. <i>Tissue Engineering</i> , <b>2001</b> , 7, 385-94		81
10	Tissue responses to molecularly reinforced polylactide-co-glycolide implants. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2000</b> , 11, 401-14	3-5	10
9	Sulbactam-cefoperazone polyhydroxybutyrate-co-hydroxyvalerate (PHBV) local antibiotic delivery system: in vivo effectiveness and biocompatibility in the treatment of implant-related experimental osteomyelitis. <i>Journal of Biomedical Materials Research Part B</i> , <b>1999</b> , 46, 494-503		79
8	Controlled release of aldicarb from carboxymethyl cellulose microspheres: in vitro and field applications. <i>Pest Management Science</i> , <b>1999</b> , 55, 1194-1202		22
7	Dye derived and metal incorporated affinity poly(2-hydroxyethyl methacrylate) membranes for use in enzyme immobilization. <i>Polymer International</i> , <b>1998</b> , 46, 345-352	3-3	31
6	Formation of supramolecular structures by negatively charged liposomes in the presence of nucleic acids and divalent cations. <i>Drug Delivery</i> , <b>1998</b> , 5, 135-41	7	16
5	Low-molecular-weight heparin-conjugated liposomes with improved stability and hemocompatibility. <i>Drug Delivery</i> , <b>1998</b> , 5, 257-64	7	15
4	Dye derived and metal incorporated affinity poly(2-hydroxyethyl methacrylate) membranes for use in enzyme immobilization <b>1998</b> , 46, 345		3
3	Comparison of $\beta$ -galactosidase immobilization by entrapment in and adsorption on poly(2-hydroxyethylmethacrylate) membranes. <i>Polymer International</i> , <b>1997</b> , 44, 530-536	3-3	17
2	Immobilization of glucose oxidase: a comparison of entrapment and covalent bonding. <i>Journal of Chemical Technology and Biotechnology</i> , <b>1993</b> , 58, 287-92	3-5	58
1	Covalent immobilization of <i>Aspergillus niger</i> on pHEMA membrane: application to continuous flow reactors. <i>Journal of Chemical Technology and Biotechnology</i> , <b>1993</b> , 58, 281-5	3-5	22