Tai-Horng Young

List of Publications by Year
in descending order

136 papers	2,931 citations	186265 28 h-index	197818 49 g-index
138 all docs	138 docs citations	138 times ranked	4205 citing authors

#	Article	IF	Citations
1	Controlled Decomposable Hydrogel Triggered with a Specific Enzyme. ACS Omega, 2022, 7, 3254-3261.	3.5	3
2	Biological properties of human periodontal ligament cell spheroids cultivated on chitosan and polyvinyl alcohol membranes. Journal of the Formosan Medical Association, 2022, 121, 2191-2202.	1.7	4
3	Overexpression of Nâ€acetylglucosaminyltransferase V promotes human parotid gland acinar cell immortalization via the epidermal receptor activation. Journal of Cellular Physiology, 2022, 237, 1780-1789.	4.1	0
4	Novel Application of Photo-Crosslinked Urocanic-Acid-Modified Chitosan in Corneal Wounds. ACS Biomaterials Science and Engineering, 2022, 8, 2016-2027.	5.2	1
5	Time-lapse imaging using dual-color coded quantitative differential phase contrast microscopy. Journal of Biomedical Optics, 2022, 27, .	2.6	2
6	Development of Injectable Calcium Sulfate and Self-Setting Calcium Phosphate Composite Bone Graft Materials for Minimally Invasive Surgery. International Journal of Molecular Sciences, 2022, 23, 7590.	4.1	4
7	Doxorubicin Loaded PLGA Nanoparticle with Cationic/Anionic Polyelectrolyte Decoration: Characterization, and Its Therapeutic Potency. Polymers, 2021, 13, 693.	4.5	12
8	Chemical Cross-Linking of Corneal Tissue to Reduce Progression of Loss of Sight in Patients With Keratoconus. Translational Vision Science and Technology, 2021, 10, 6.	2.2	2
9	Regeneration of olfactory neuroepithelium in 3-methylindole-induced anosmic rats treated with intranasal chitosan. Biomaterials, 2021, 271, 120738.	11.4	4
10	Developing a Glyoxal-Crosslinked Chitosan/Gelatin Hydrogel for Sustained Release of Human Platelet Lysate to Promote Tissue Regeneration. International Journal of Molecular Sciences, 2021, 22, 6451.	4.1	9
11	Cell detachment ratio on pH-responsive chitosan: A useful biometric for prognostic judgment and drug efficacy assessment in oncology. Carbohydrate Polymers, 2021, 261, 117911.	10.2	2
12	Dopamine-Modified Alginate Hydrogel with Effectiveness and Safety for Preoperative Localization of Lung Nodules. ACS Biomaterials Science and Engineering, 2021, 7, 4637-4644.	5.2	5
13	Effects of Electromagnets on Bovine Corneal Endothelial Cells Treated with Dendrimer Functionalized Magnetic Nanoparticles. Polymers, 2021, 13, 3306.	4.5	1
14	The Feasibility and Efficiency of Remote Spirometry System on the Pulmonary Function for Multiple Ribs Fracture Patients. Journal of Personalized Medicine, 2021, 11, 1067.	2.5	1
15	Poly(allylguanidine)-Coated Surfaces Regulate TGF-Î² in Glioblastoma Cells to Induce Apoptosis via NF-ÎºB Pathway Activation. ACS Applied Materials & Interfaces, 2021, 13, 59400-59410.	8.0	5
16	A self-assembled layer-by-layer surface modification to fabricate the neuron-rich model from neural stem/precursor cells. Journal of the Formosan Medical Association, 2020, 119, 430-438.	1.7	2
17	Inhibition of melanin synthesis and melanosome transfer by chitosan biomaterials. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 1239-1250.	3.4	9
18	One injection for one-week controlled release: In vitro and in vivo assessment of ultrasound-triggered drug release from injectable thermoresponsive biocompatible hydrogels. Ultrasonics Sonochemistry, 2020, 62, 104875.	8.2	24

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19	The influence of fibroblast growth factor 2 on the senescence of human adipose-derived mesenchymal stem cells during long-term culture. Stem Cells Translational Medicine, 2020, 9, 518-530.	3.3	19
20	Influence of Human Platelet Lysate on Extracellular Matrix Deposition and Cellular Characteristics in Adipose-Derived Stem Cell Sheets. Frontiers in Cell and Developmental Biology, 2020, 8, 558354.	3.7	14
21	Magnetic nanomedicine for CD133-expressing cancer therapy using locoregional hyperthermia combined with chemotherapy. Nanomedicine, 2020, 15, 2543-2561.	3.3	7
22	In vitro study of SDF-1Î±-loaded injectable and thermally responsive hydrogels for adipose stem cell therapy by SDF-1/CXCR4 axis. Journal of Materials Chemistry B, 2020, 8, 10360-10372.	5.8	10
23	Synergic Effect of Novel WS2 Carriers Holding Spherical Cobalt Ferrite @cubic Fe3O4 (WS2/s-CoFe2O4@c-Fe3O4) Nanocomposites in Magnetic Resonance Imaging and Photothermal Therapy for Ocular Treatments and Investigation of Corneal Endothelial Cell Migration. Nanomaterials, 2020, 10, 2555.	4.1	8
24	Hyaluronic acid on the urokinase sustained release with a hydrogel system composed of poloxamer 407: HA/P407 hydrogel system for drug delivery. PLoS ONE, 2020, 15, e0227784.	2.5	21
25	Label-free platform on pH-responsive chitosan: Adhesive heterogeneity for cancer stem-like cell isolation from A549 cells via integrin Î²4. Carbohydrate Polymers, 2020, 239, 116168.	10.2	5
26	PCL-Blended Chitosan Substrates for Patterning the Heterotypic Cell Distribution in an Epithelial and Mesenchymal Coculture System. ACS Biomaterials Science and Engineering, 2020, 6, 4225-4235.	5.2	4
27	Intraventricular Medium B Treatment Benefits an Ischemic Stroke Rodent Model via Enhancement of Neurogenesis and Anti-apoptosis. Scientific Reports, 2020, 10, 6596.	3.3	5
28	Application of 4T-PET fibers/nonwovens for leucocyte filters. Journal of Industrial Textiles, 2019, 49, 633-647.	2.4	1
29	Aggregation of human dental pulp cells into 3D spheroids enhances their migration ability after reseeding. Journal of Cellular Physiology, 2019, 234, 976-986.	4.1	8
30	Regulation of chitosan-mediated differentiation of human olfactory receptor neurons by insulin-like growth factor binding protein-2. Acta Biomaterialia, 2019, 97, 399-408.	8.3	6
31	Neuropeptide Y increases differentiation of human olfactory receptor neurons through the Y1 receptor. Neuropeptides, 2019, 78, 101964.	2.2	3
32	Investigating the effect of chitosan/ polycaprolactone blends in differentiation of corneal endothelial cells and extracellular matrix compositions. Experimental Eye Research, 2019, 185, 107679.	2.6	32
33	Chitosan-hyaluronan: promotion of mucociliary differentiation of respiratory epithelial cells and development of olfactory receptor neurons. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 564-570.	2.8	8
34	Increased Cell Detachment Ratio of Mesenchymal-Type Lung Cancer Cells on pH-Responsive Chitosan through the Î²3 Integrin. Marine Drugs, 2019, 17, 659.	4.6	6
35	Selective Regulation of Neurons, Glial Cells, and Neural Stem/Precursor Cells by Poly(allylguanidine)-Coated Surfaces. ACS Applied Materials & Interfaces, 2019, 11, 48381-48392.	8.0	8
36	Far-infrared ray radiation promotes neurite outgrowth of neuron-like PC12Âcells through AKT1 signaling. Journal of the Formosan Medical Association, 2019, 118, 600-610.	1.7	16

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37	Dual-triggered drug-release vehicles for synergistic cancer therapy. Colloids and Surfaces B: Biointerfaces, 2019, 173, 788-797.	5.0	8
38	Evaluation of pleurodesis by poly-Îµ-caprolactone (PCL) gel in an animal model using New Zealand white rabbits. Asian Journal of Surgery, 2019, 42, 495-500.	0.4	3
39	Characteristics of melanocyte spheroids formed through different biomaterial-induced processes. Journal of the Formosan Medical Association, 2019, 118, 152-161.	1.7	6
40	Chitosan delaying human fibroblast senescence through downregulation of TGF-Î² signaling pathway. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1-12.	2.8	9
41	Evaluation of digital real-time PCR assay as a molecular diagnostic tool for single-cell analysis. Scientific Reports, 2018, 8, 3432.	3.3	5
42	The Proliferation Capacity of Cultured Neural Stem Cells Promoted by CSF Collected from SAH Patients Correlates to Clinical Outcome. Scientific Reports, 2018, 8, 1109.	3.3	7
43	Poly (ethylene-co-vinyl alcohol) is a suitable substrate for human olfactory neuroepithelial cell differentiation in vitro through a defined regulatory pathway. Acta Biomaterialia, 2018, 68, 204-213.	8.3	4
44	Development of a chitosanâ€based tissueâ€engineered renal proximal tubule conduit. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 9-20.	3.4	4
45	Ultrasound-responsive NIPAM-based hydrogels with tunable profile of controlled release of large molecules. Ultrasonics, 2018, 83, 157-163.	3.9	36
46	Poly(Nâ€(4â€aminobutyl)â€acrylamide) as mimetic polylysine for improving survival and differentiation of cerebellar granule neurons. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 1194-1201.	3.4	1
47	Core/shell multicellular spheroids on chitosan as in vitro 3D coculture tumor models. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, S651-S660.	2.8	8
48	Hyaluronan antagonizes the differentiation effect of TGF-Î²1 on nasal epithelial cells through down-regulation of TGF-Î² type I receptor. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 254-263.	2.8	9
49	Therapeutic vaccine targeting Epstein-Barr virus latent protein, LMP1, suppresses LMP1-expressing tumor growth and metastasis in vivo. BMC Cancer, 2017, 17, 18.	2.6	22
50	Sustained release of adipose-derived stem cells by thermosensitive chitosan/gelatin hydrogel for therapeutic angiogenesis. Acta Biomaterialia, 2017, 51, 258-267.	8.3	133
51	Association between ischaemic bowel syndromes and androgen deprivation therapy in patients with prostate cancer: a retrospective cohort study. BMJ Open, 2017, 7, e012950.	1.9	1
52	Study of poly-É›-caprolactone membranes for pleurodesis. Journal of the Formosan Medical Association, 2017, 116, 880-887.	1.7	4
53	Far infrared radiation promotes rabbit renal proximal tubule cell proliferation and functional characteristics, and protects against cisplatin-induced nephrotoxicity. PLoS ONE, 2017, 12, e0180872.	2.5	7
54	Induced pluripotent stem cells, form in vitro tissue engineering to in vivo allogeneic transplantation. Journal of Thoracic Disease, 2017, 9, 455-459.	1.4	21

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55	Determining arterial wave transit time from a single aortic pressure pulse in rats: vascular impulse response analysis. Scientific Reports, 2017, 7, 40998.	3.3	5
56	Quantification of contractile mechanics in the rat heart from ventricular pressure alone. Oncotarget, 2017, 8, 96161-96170.	1.8	2
57	CD44 expression trends of mesenchymal stem-derived cell, cancer cell and fibroblast spheroids on chitosan-coated surfaces. Pure and Applied Chemistry, 2016, 88, 843-852.	1.9	3
58	Intraventricular infusion of a low fraction of serum enhances neurogenesis and improves recovery in a rodent stroke model. Neuroscience Letters, 2016, 611, 14-20.	2.1	6
59	Effects of fibroblasts on the function of acinar cells from the same human parotid gland. Head and Neck, 2016, 38, E279-86.	2.0	7
60	Citrus polyphenol for oral wound healing in oral ulcers and periodontal diseases. Journal of the Formosan Medical Association, 2016, 115, 100-107.	1.7	9
61	High glucose-induced reactive oxygen species generation promotes stemness in human adipose-derived stem cells. Cytotherapy, 2016, 18, 371-383.	0.7	54
62	Synthesis and application of polyurethane basic organic-inorganic hybrid materials as highly hydrophobic coatings. Journal of Polymer Research, 2016, 23, 1.	2.4	2
63	Inhibition of growth and migration of oral and cervical cancer cells by citrus polyphenol. Journal of the Formosan Medical Association, 2016, 115, 171-185.	1.7	10
64	Novel microinjector for carrying bone substitutes for bone regeneration in periodontal diseases. Journal of the Formosan Medical Association, 2016, 115, 45-50.	1.7	12
65	Chitosan Treatment Delays the Induction of Senescence in Human Foreskin Fibroblast Strains. PLoS ONE, 2015, 10, e0140747.	2.5	7
66	Hexosamine-Induced TGF-Î²Signaling and Osteogenic Differentiation of Dental Pulp Stem Cells Are Dependent on N-Acetylglucosaminyltransferase V. BioMed Research International, 2015, 2015, 1-11.	1.9	9
67	3,6-Bis(1-methyl-4-vinylpyridinium)-carbazole diiodide as a marker for tracking living neural stem/precursor cells. Journal of Materials Chemistry B, 2015, 3, 2067-2074.	5.8	2
68	Novel Porous Oral Patches for Patients with Mild Obstructive Sleep Apnea and Mouth Breathing. Otolaryngology - Head and Neck Surgery, 2015, 152, 369-373.	1.9	16
69	Preparation and characterization of methoxyâ€poly(ethylene glycol) side chain grafted onto chitosan as a wound dressing film. Journal of Applied Polymer Science, 2015, 132, .	2.6	6
70	Programmable Laser-Assisted Surface Microfabrication on a Poly(Vinyl Alcohol)-Coated Glass Chip with Self-Changing Cell Adhesivity for Heterotypic Cell Patterning. ACS Applied Materials & Interfaces, 2015, 7, 22322-22332.	8.0	21
71	Effects of biomaterial-derived fibroblast conditioned medium on the Î±-amylase expression of parotid gland acinar cells. Acta Biomaterialia, 2015, 27, 214-223.	8.3	7
72	Detection of Cell Carcinogenic Transformation by a Quadruplex DNA Binding Fluorescent Probe. PLoS ONE, 2014, 9, e86143.	2.5	10

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73	Prevention of Arterial Stiffening by Using Low-Dose Atorvastatin in Diabetes Is Associated with Decreased Malondialdehyde. PLoS ONE, 2014, 9, e90471.	2.5	13
74	Fabrication of a bioengineered corneal endothelial cell sheet using chitosan/polycaprolactone blend membranes. Colloids and Surfaces B: Biointerfaces, 2014, 116, 403-410.	5.0	38
75	The mechanism for keratinocyte detaching from pH-responsive chitosan. Biomaterials, 2014, 35, 9247-9254.	11.4	8
76	Chitosan as an adjuvant-like substrate for dendritic cell culture to enhance antitumor effects. Biomaterials, 2014, 35, 8867-8875.	11.4	30
77	Differentiation of Neural Stem/Progenitor Cells Using Low-Intensity Ultrasound. Ultrasound in Medicine and Biology, 2014, 40, 2195-2206.	1.5	37
78	Increased mucociliary differentiation and aquaporins formation of respiratory epithelial cells on retinoic acid-loaded hyaluronan-derivative membranes. Acta Biomaterialia, 2013, 9, 6783-6789.	8.3	10
79	Serum-free culture of rat proximal tubule cells with enhanced function on chitosan. Acta Biomaterialia, 2013, 9, 8942-8951.	8.3	5
80	Covalent bonding of GYIGSR to EVAL membrane surface to improve migration and adhesion of cultured neural stem/precursor cells. Colloids and Surfaces B: Biointerfaces, 2013, 102, 53-62.	5.0	19
81	INDUCTION OF NEURONAL DIFFERENTIATION OF EMBRYONIC RAT CORTICAL NEUROSPHERES BY NERVE GROWTH FACTOR AND FETAL BOVINE SERUM ON THE NONADHERENT AND ADHERENT SUBSTRATES. Biomedical Engineering - Applications, Basis and Communications, 2013, 25, 1250053.	0.6	0
82	Combination of media, biomaterials and extracellular matrix proteins to enhance the differentiation of neural stem/precursor cells into neurons. Acta Biomaterialia, 2012, 8, 3035-3048.	8.3	23
83	Chitosan Biomaterials Induce Branching Morphogenesis in a Model of Tissue-Engineered Glandular Organs in Serum-Free Conditions. Tissue Engineering - Part A, 2012, 18, 2220-2230.	3.1	14
84	Chondrogenesis of human bone marrow mesenchymal cells by transforming growth factors Î²1 through cell shape changes on controlled biomaterials. Journal of Biomedical Materials Research - Part A, 2012, 100A, 3344-3352.	4.0	10
85	Formation of post-confluence structure in human parotid gland acinar cells on PLGA through regulation of E-cadherin. Biomaterials, 2012, 33, 464-472.	11.4	15
86	Control of cell attachment on pH-responsive chitosan surface by precise adjustment of medium pH. Biomaterials, 2012, 33, 1336-1342.	11.4	106
87	The influence of spheroid formation of human adipose-derived stem cells on chitosan films on stemness and differentiation capabilities. Biomaterials, 2012, 33, 1748-1758.	11.4	309
88	Selective culture of different types of human parotid gland cells. Head and Neck, 2011, 33, 407-414.	2.0	8
89	Human salivary gland acinar cells spontaneously form threeâ€dimensional structures and change the protein expression patterns. Journal of Cellular Physiology, 2011, 226, 3076-3085.	4.1	17
90	A TRANSDERMAL DRUG DELIVERY SYSTEM CONTAINING DEFERIOXAMINE MESYLATE FOR THE TREATMENT OF BETA-THALASSAEMIA MAJOR. Biomedical Engineering - Applications, Basis and Communications, 2011, 23, 29-35.	0.6	0

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91	The phenotypic responses of human anterior cruciate ligament cells cultured on poly(Ïµâ€caprolactone) and chitosan. Journal of Biomedical Materials Research - Part A, 2010, 93A, 1297-1305.	4.0	31
92	The effect of poly (ethylene-co-vinyl alcohol) on senescence-associated alterations of human dermal fibroblasts. Biomaterials, 2010, 31, 1568-1577.	11.4	18
93	Modulation of gene expression and collagen production of anterior cruciate ligament cells through cell shape changes on polycaprolactone/chitosan blends. Biomaterials, 2010, 31, 4695-4705.	11.4	71
94	COLORECTAL CANCER CELL DETECTION BY FOLIC ACID-CONJUGATED CHITOSAN NANOPARTICLES. Biomedical Engineering - Applications, Basis and Communications, 2010, 22, 9-17.	0.6	3
95	The application of macroelectrophoresis in studying the cellular behaviors on biomaterials: The relationship between cell membrane potention and cellular behaviors. , 2010, , .		0
96	The exhibition of polyethylene imine/DNA coated with oligonucleotides for gene delivery. , 2010, , .		0
97	Immobilization of L-Lysine on Microporous PVDF Membranes for Neuron Culture. Journal of Biomaterials Science, Polymer Edition, 2009, 20, 703-720.	3.5	7
98	The enhancement of dermal papilla cell aggregation by extracellular matrix proteins through effects on cellâ€“substratum adhesivity and cell motility. Biomaterials, 2009, 30, 5031-5040.	11.4	51
99	Induction of differentiation and mineralization in rat tooth germ cells on PVA through inhibition of ERK1/2. Biomaterials, 2009, 30, 541-547.	11.4	11
100	Gallium nitride induces neuronal differentiation markers in neural stem/precursor cells derived from rat cerebral cortex. Acta Biomaterialia, 2009, 5, 2610-2617.	8.3	19
101	The specificity of chitosan in promoting branching morphogenesis of progenitor salivary tissue. Biochemical and Biophysical Research Communications, 2009, 381, 466-470.	2.1	25
102	Formation of Keratocyte Spheroids on Chitosan-Coated Surface Can Maintain Keratocyte Phenotypes. Tissue Engineering - Part A, 2009, 15, 2001-2013.	3.1	42
103	Self-assembly of dermal papilla cells into inductive spheroidal microtissues on poly(ethylene-co-vinyl) Tj ETQq1 1 0.784314 rgBT /Over	11.4	89
104	COMPARISON OF PLGA, PCL, AND CHITOSAN IN SALIVARY GLAND BRANCHING MORPHOGENESIS. Biomedical Engineering - Applications, Basis and Communications, 2008, 20, 287-296.	0.6	12
105	NEURONS CULTURED ON GaN AND IS ASSOCIATED WITH SYNAPSIN I AND MAP2 EXPRESSION. Biomedical Engineering - Applications, Basis and Communications, 2008, 20, 75-82.	0.6	3
106	EFFECT OF SURFACE CHARACTERISTICS OF POLYHYDROXYALKANOATES (PHAs) ON METABOLIC ACTIVITIES AND MORPHOLOGY OF HUMAN SCHWANN CELLS-LIKE (hSCs-LIKE). Biomedical Engineering - Applications, Basis and Communications, 2007, 19, 91-97.	0.6	0
107	PEI/EVAL blend membranes for granule neuronal cell culture. Journal of Polymer Research, 2007, 14, 229-243.	2.4	9
108	Assessment of GaN chips for culturing cerebellar granule neurons. Biomaterials, 2006, 27, 3361-3367.	11.4	52

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109	Differences in the effect on neural stem cells of fetal bovine serum in substrate-coated and soluble form. Biomaterials, 2006, 27, 5901-5908.	11.4	29
110	Synthesis of Fe3O4/PMMA composite latex particles: Kinetic modeling. Journal of Applied Polymer Science, 2006, 100, 4925-4934.	2.6	2
111	Preparation of Clay/PMMA Nanocomposites with Intercalated or Exfoliated Structure for Bone Cement Synthesis. Macromolecular Materials and Engineering, 2006, 291, 661-669.	3.6	20
112	Rapid cell-patterning and microfluidic chip fabrication by crack-free CO2laser ablation on glass. Journal of Micromechanics and Microengineering, 2006, 16, 1143-1153.	2.6	46
113	Crack-free micromachining on glass using an economic Q-switched 532 nm laser. Journal of Micromechanics and Microengineering, 2006, 16, 2420-2424.	2.6	32
114	Formation of melanocyte spheroids on the chitosan-coated surface. Biomaterials, 2005, 26, 1413-1422.	11.4	69
115	Behavior of embryonic rat cerebral cortical stem cells on the PVA and EVAL substrates. Biomaterials, 2005, 26, 4291-4299.	11.4	60
116	A novel method to prepare chitosan/montmorillonite nanocomposites. Journal of Applied Polymer Science, 2005, 98, 2042-2047.	2.6	76
117	Determination of surface charge properties of PC-12 cells by electrophoresis. Journal of Colloid and Interface Science, 2005, 285, 557-561.	9.4	10
118	Preparation and clinical application of immunomagnetic latex. Journal of Polymer Science Part A, 2005, 43, 1342-1356.	2.3	43
119	IN VITRO RELEASE OF HYDROCORTISONE BY GLYCINE-IMMOBILIZED EVAL MEMBRANE. Biomedical Engineering - Applications, Basis and Communications, 2005, 17, 86-90.	0.6	1
120	ELECTROOSMOTIC MIXING INDUCED BY NON-UNIFORM ZETA POTENTIAL AND APPLICATION FOR DNA MICROARRAY IN MICROFLUIDIC CHANNEL. Biomedical Engineering - Applications, Basis and Communications, 2005, 17, 281-283.	0.6	6
121	Crack-free direct-writing on glass using a low-power UV laser in the manufacture of a microfluidic chip. Journal of Micromechanics and Microengineering, 2005, 15, 1147-1156.	2.6	104
122	Synthesis of iron oxide/poly(methyl methacrylate) composite latex particles: Nucleation mechanism and morphology. Journal of Polymer Science Part A, 2004, 42, 5695-5705.	2.3	67
123	Direct-write laser micromachining and universal surface modification of PMMA for device development. Sensors and Actuators B: Chemical, 2004, 99, 186-196.	7.8	220
124	Change in electrophoretic mobility of PC12 cells after culturing on PVA membranes modified with different diamines. Journal of Biomedical Materials Research - Part A, 2003, 67A, 1238-1244.	4.0	17
125	Covalent bonding of lysine to EVAL membrane surface to improve survival of cultured cerebellar granule neurons. Biomaterials, 2003, 24, 1477-1486.	11.4	20
126	Kinetic modelling of blood glucose variation in a bioartificial pancreas. Biomaterials, 2003, 24, 2251-2256.	11.4	1

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127	Assessment and modeling of poly(vinyl alcohol) bioartificial pancreas in vivo. Biomaterials, 2002, 23, 3495-3501.	11.4	33
128	Electrophoretic Properties of Latex Particles with Immobilized Bovine Serum Albumin. Journal of Colloid and Interface Science, 2001, 239, 563-567.	9.4	10
129	Human monocyte adhesion and activation on crystalline polymers with different morphology and wettabilityin vitro. , 2000, 50, 490-498.		24
130	Development of biodegradable polyesterurethane membranes with different surface morphologies for the culture of osteoblasts. Journal of Biomedical Materials Research Part B, 2000, 51, 761-770.	3.1	29
131	The role of cell density in the survival of cultured cerebellar granule neurons. Journal of Biomedical Materials Research Part B, 2000, 52, 748-753.	3.1	23
132	Analysis of ultrahigh molecular weight polyethylene failure in artificial knee joints: Thermal effect on long-term performance. Journal of Biomedical Materials Research Part B, 1999, 48, 159-164.	3.1	17
133	Polyethylene failure in New Jersey low-contact stress total knee arthroplasty. , 1998, 39, 153-160.		28
134	Use of a diffusion model for assessing the performance of poly(vinyl alcohol) bioartificial pancreases. , 1998, 40, 385-391.		37
135	Phase Behavior of EVAL Polymers in Water-2-Propanol Cosolvent. Macromolecules, 1998, 31, 1229-1235.	4.8	54
136	A microfluidic coculture system for cell-cell interaction study. , 0, , .		0