

Tai-Horng Young

List of Publications by Year in descending order

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136
papers

2,931
citations

186265
28
h-index

197818
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138
all docs

138
docs citations

138
times ranked

4205
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of spheroid formation of human adipose-derived stem cells on chitosan films on stemness and differentiation capabilities. <i>Biomaterials</i> , 2012, 33, 1748-1758.	11.4	309
2	Direct-write laser micromachining and universal surface modification of PMMA for device development. <i>Sensors and Actuators B: Chemical</i> , 2004, 99, 186-196.	7.8	220
3	Sustained release of adipose-derived stem cells by thermosensitive chitosan/gelatin hydrogel for therapeutic angiogenesis. <i>Acta Biomaterialia</i> , 2017, 51, 258-267.	8.3	133
4	Control of cell attachment on pH-responsive chitosan surface by precise adjustment of medium pH. <i>Biomaterials</i> , 2012, 33, 1336-1342.	11.4	106
5	Crack-free direct-writing on glass using a low-power UV laser in the manufacture of a microfluidic chip. <i>Journal of Micromechanics and Microengineering</i> , 2005, 15, 1147-1156.	2.6	104
6	Self-assembly of dermal papilla cells into inductive spheroidal microtissues on poly(ethylene-co-vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	11.4	89
7	A novel method to prepare chitosan/montmorillonite nanocomposites. <i>Journal of Applied Polymer Science</i> , 2005, 98, 2042-2047.	2.6	76
8	Modulation of gene expression and collagen production of anterior cruciate ligament cells through cell shape changes on polycaprolactone/chitosan blends. <i>Biomaterials</i> , 2010, 31, 4695-4705.	11.4	71
9	Formation of melanocyte spheroids on the chitosan-coated surface. <i>Biomaterials</i> , 2005, 26, 1413-1422.	11.4	69
10	Synthesis of iron oxide/poly(methyl methacrylate) composite latex particles: Nucleation mechanism and morphology. <i>Journal of Polymer Science Part A</i> , 2004, 42, 5695-5705.	2.3	67
11	Behavior of embryonic rat cerebral cortical stem cells on the PVA and EVAL substrates. <i>Biomaterials</i> , 2005, 26, 4291-4299.	11.4	60
12	Phase Behavior of EVAL Polymers in Water-2-Propanol Cosolvent. <i>Macromolecules</i> , 1998, 31, 1229-1235.	4.8	54
13	High glucose-induced reactive oxygen species generation promotes stemness in human adipose-derived stem cells. <i>Cytotherapy</i> , 2016, 18, 371-383.	0.7	54
14	Assessment of GaN chips for culturing cerebellar granule neurons. <i>Biomaterials</i> , 2006, 27, 3361-3367.	11.4	52
15	The enhancement of dermal papilla cell aggregation by extracellular matrix proteins through effects on cell's substratum adhesivity and cell motility. <i>Biomaterials</i> , 2009, 30, 5031-5040.	11.4	51
16	Rapid cell-patterning and microfluidic chip fabrication by crack-free CO ₂ laser ablation on glass. <i>Journal of Micromechanics and Microengineering</i> , 2006, 16, 1143-1153.	2.6	46
17	Preparation and clinical application of immunomagnetic latex. <i>Journal of Polymer Science Part A</i> , 2005, 43, 1342-1356.	2.3	43
18	Formation of Keratocyte Spheroids on Chitosan-Coated Surface Can Maintain Keratocyte Phenotypes. <i>Tissue Engineering - Part A</i> , 2009, 15, 2001-2013.	3.1	42

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19	Fabrication of a bioengineered corneal endothelial cell sheet using chitosan/polycaprolactone blend membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 403-410.	5.0	38
20	Use of a diffusion model for assessing the performance of poly(vinyl alcohol) bioartificial pancreases. , 1998, 40, 385-391.		37
21	Differentiation of Neural Stem/Progenitor Cells Using Low-Intensity Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 2195-2206.	1.5	37
22	Ultrasound-responsive NIPAM-based hydrogels with tunable profile of controlled release of large molecules. <i>Ultrasonics</i> , 2018, 83, 157-163.	3.9	36
23	Assessment and modeling of poly(vinyl alcohol) bioartificial pancreas in vivo. <i>Biomaterials</i> , 2002, 23, 3495-3501.	11.4	33
24	Crack-free micromachining on glass using an economic Q-switched 532 nm laser. <i>Journal of Micromechanics and Microengineering</i> , 2006, 16, 2420-2424.	2.6	32
25	Investigating the effect of chitosan/ polycaprolactone blends in differentiation of corneal endothelial cells and extracellular matrix compositions. <i>Experimental Eye Research</i> , 2019, 185, 107679.	2.6	32
26	The phenotypic responses of human anterior cruciate ligament cells cultured on poly(ε-caprolactone) and chitosan. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 93A, 1297-1305.	4.0	31
27	Chitosan as an adjuvant-like substrate for dendritic cell culture to enhance antitumor effects. <i>Biomaterials</i> , 2014, 35, 8867-8875.	11.4	30
28	Development of biodegradable polyesterurethane membranes with different surface morphologies for the culture of osteoblasts. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 51, 761-770.	3.1	29
29	Differences in the effect on neural stem cells of fetal bovine serum in substrate-coated and soluble form. <i>Biomaterials</i> , 2006, 27, 5901-5908.	11.4	29
30	Polyethylene failure in New Jersey low-contact stress total knee arthroplasty. , 1998, 39, 153-160.		28
31	The specificity of chitosan in promoting branching morphogenesis of progenitor salivary tissue. <i>Biochemical and Biophysical Research Communications</i> , 2009, 381, 466-470.	2.1	25
32	Human monocyte adhesion and activation on crystalline polymers with different morphology and wettability in vitro. , 2000, 50, 490-498.		24
33	One injection for one-week controlled release: In vitro and in vivo assessment of ultrasound-triggered drug release from injectable thermoresponsive biocompatible hydrogels. <i>Ultrasonics Sonochemistry</i> , 2020, 62, 104875.	8.2	24
34	The role of cell density in the survival of cultured cerebellar granule neurons. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 52, 748-753.	3.1	23
35	Combination of media, biomaterials and extracellular matrix proteins to enhance the differentiation of neural stem/precursor cells into neurons. <i>Acta Biomaterialia</i> , 2012, 8, 3035-3048.	8.3	23
36	Therapeutic vaccine targeting Epstein-Barr virus latent protein, LMP1, suppresses LMP1-expressing tumor growth and metastasis in vivo. <i>BMC Cancer</i> , 2017, 17, 18.	2.6	22

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37	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
38	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
39	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
40	Covalent bonding of lysine to EVAL membrane surface to improve survival of cultured cerebellar granule neurons. Biomaterials, 2003, 24, 1477-1486.	11.4	20
41	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
42	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
43	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
44	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
45	The effect of poly (ethylene-co-vinyl alcohol) on senescence-associated alterations of human dermal fibroblasts. Biomaterials, 2010, 31, 1568-1577.	11.4	18
46	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
47	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
48	Human salivary gland acinar cells spontaneously form three-dimensional structures and change the protein expression patterns. Journal of Cellular Physiology, 2011, 226, 3076-3085.	4.1	17
49	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
50	Far-infrared ray radiation promotes neurite outgrowth of neuron-like PC12 cells through AKT1 signaling. Journal of the Formosan Medical Association, 2019, 118, 600-610.	1.7	16
51	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
52	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
53	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
54	Prevention of Arterial Stiffening by Using Low-Dose Atorvastatin in Diabetes Is Associated with Decreased Malondialdehyde. PLoS ONE, 2014, 9, e90471.	2.5	13

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55	COMPARISON OF PLGA, PCL, AND CHITOSAN IN SALIVARY GLAND BRANCHING MORPHOGENESIS. Biomedical Engineering - Applications, Basis and Communications, 2008, 20, 287-296.	0.6	12
56	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
57	Doxorubicin Loaded PLGA Nanoparticle with Cationic/Anionic Polyelectrolyte Decoration: Characterization, and Its Therapeutic Potency. Polymers, 2021, 13, 693.	4.5	12
58	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
59	Electrophoretic Properties of Latex Particles with Immobilized Bovine Serum Albumin. Journal of Colloid and Interface Science, 2001, 239, 563-567.	9.4	10
60	Determination of surface charge properties of PC-12 cells by electrophoresis. Journal of Colloid and Interface Science, 2005, 285, 557-561.	9.4	10
61	Chondrogenesis of human bone marrow mesenchymal cells by transforming growth factors β 1 through cell shape changes on controlled biomaterials. Journal of Biomedical Materials Research - Part A, 2012, 100A, 3344-3352.	4.0	10
62	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
63	Detection of Cell Carcinogenic Transformation by a Quadruplex DNA Binding Fluorescent Probe. PLoS ONE, 2014, 9, e86143.	2.5	10
64	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
65	<i>In vitro</i> study of SDF-1 β -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
66	PEI/EVAL blend membranes for granule neuronal cell culture. Journal of Polymer Research, 2007, 14, 229-243.	2.4	9
67	Hexosamine-Induced TGF- β 1 Signaling and Osteogenic Differentiation of Dental Pulp Stem Cells Are Dependent on N-Acetylglucosaminyltransferase V. BioMed Research International, 2015, 2015, 1-11.	1.9	9
68	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
69	Chitosan delaying human fibroblast senescence through downregulation of TGF- β 2 signaling pathway. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1-12.	2.8	9
70	Hyaluronan antagonizes the differentiation effect of TGF- β 1 on nasal epithelial cells through down-regulation of TGF- β 2 type I receptor. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 254-263.	2.8	9
71	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
72	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

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73	Selective culture of different types of human parotid gland cells. Head and Neck, 2011, 33, 407-414.	2.0	8
74	The mechanism for keratinocyte detaching from pH-responsive chitosan. Biomaterials, 2014, 35, 9247-9254.	11.4	8
75	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
76	Aggregation of human dental pulp cells into 3D spheroids enhances their migration ability after reseeded. Journal of Cellular Physiology, 2019, 234, 976-986.	4.1	8
77	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
78	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
79	Dual-triggered drug-release vehicles for synergistic cancer therapy. Colloids and Surfaces B: Biointerfaces, 2019, 173, 788-797.	5.0	8
80	Synergic Effect of Novel WS2 Carriers Holding Spherical Cobalt Ferrite @cubic Fe ₃ O ₄ (WS ₂ /s-CoFe ₂ O ₄ @c-Fe ₃ O ₄) 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
81	Immobilization of L-Lysine on Microporous PVDF Membranes for Neuron Culture. Journal of Biomaterials Science, Polymer Edition, 2009, 20, 703-720.	3.5	7
82	Chitosan Treatment Delays the Induction of Senescence in Human Foreskin Fibroblast Strains. PLoS ONE, 2015, 10, e0140747.	2.5	7
83	Effects of biomaterial-derived fibroblast conditioned medium on the α -amylase expression of parotid gland acinar cells. Acta Biomaterialia, 2015, 27, 214-223.	8.3	7
84	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
85	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
86	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
87	Magnetic nanomedicine for CD133-expressing cancer therapy using locoregional hyperthermia combined with chemotherapy. Nanomedicine, 2020, 15, 2543-2561.	3.3	7
88	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
89	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
90	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

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91	Regulation of chitosan-mediated differentiation of human olfactory receptor neurons by insulin-like growth factor binding protein-2. <i>Acta Biomaterialia</i> , 2019, 97, 399-408.	8.3	6
92	Increased Cell Detachment Ratio of Mesenchymal-Type Lung Cancer Cells on pH-Responsive Chitosan through the $\alpha_3\beta_1$ Integrin. <i>Marine Drugs</i> , 2019, 17, 659.	4.6	6
93	Characteristics of melanocyte spheroids formed through different biomaterial-induced processes. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 152-161.	1.7	6
94	Serum-free culture of rat proximal tubule cells with enhanced function on chitosan. <i>Acta Biomaterialia</i> , 2013, 9, 8942-8951.	8.3	5
95	Evaluation of digital real-time PCR assay as a molecular diagnostic tool for single-cell analysis. <i>Scientific Reports</i> , 2018, 8, 3432.	3.3	5
96	Label-free platform on pH-responsive chitosan: Adhesive heterogeneity for cancer stem-like cell isolation from A549 cells via integrin $\alpha_4\beta_1$. <i>Carbohydrate Polymers</i> , 2020, 239, 116168.	10.2	5
97	Intraventricular Medium B Treatment Benefits an Ischemic Stroke Rodent Model via Enhancement of Neurogenesis and Anti-apoptosis. <i>Scientific Reports</i> , 2020, 10, 6596.	3.3	5
98	Dopamine-Modified Alginate Hydrogel with Effectiveness and Safety for Preoperative Localization of Lung Nodules. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4637-4644.	5.2	5
99	Determining arterial wave transit time from a single aortic pressure pulse in rats: vascular impulse response analysis. <i>Scientific Reports</i> , 2017, 7, 40998.	3.3	5
100	Poly(allylguanidine)-Coated Surfaces Regulate TGF- β_2 in Glioblastoma Cells to Induce Apoptosis via NF- κ B Pathway Activation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 59400-59410.	8.0	5
101	Study of poly- ϵ -caprolactone membranes for pleurodesis. <i>Journal of the Formosan Medical Association</i> , 2017, 116, 880-887.	1.7	4
102	Poly (ethylene-co-vinyl alcohol) is a suitable substrate for human olfactory neuroepithelial cell differentiation in vitro through a defined regulatory pathway. <i>Acta Biomaterialia</i> , 2018, 68, 204-213.	8.3	4
103	Development of a chitosan-based tissue-engineered renal proximal tubule conduit. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 9-20.	3.4	4
104	PCL-Blended Chitosan Substrates for Patterning the Heterotypic Cell Distribution in an Epithelial and Mesenchymal Coculture System. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 4225-4235.	5.2	4
105	Regeneration of olfactory neuroepithelium in 3-methylindole-induced anosmic rats treated with intranasal chitosan. <i>Biomaterials</i> , 2021, 271, 120738.	11.4	4
106	Biological properties of human periodontal ligament cell spheroids cultivated on chitosan and polyvinyl alcohol membranes. <i>Journal of the Formosan Medical Association</i> , 2022, 121, 2191-2202.	1.7	4
107	Development of Injectable Calcium Sulfate and Self-Setting Calcium Phosphate Composite Bone Graft Materials for Minimally Invasive Surgery. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7590.	4.1	4
108	NEURONS CULTURED ON GaN AND IS ASSOCIATED WITH SYNAPSIN I AND MAP2 EXPRESSION. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2008, 20, 75-82.	0.6	3

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109	COLORECTAL CANCER CELL DETECTION BY FOLIC ACID-CONJUGATED CHITOSAN NANOPARTICLES. Biomedical Engineering - Applications, Basis and Communications, 2010, 22, 9-17.	0.6	3
110	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
111	Neuropeptide Y increases differentiation of human olfactory receptor neurons through the Y1 receptor. Neuropeptides, 2019, 78, 101964.	2.2	3
112	Evaluation of pleurodesis by poly- μ -caprolactone (PCL) gel in an animal model using New Zealand white rabbits. Asian Journal of Surgery, 2019, 42, 495-500.	0.4	3
113	Controlled Decomposable Hydrogel Triggered with a Specific Enzyme. ACS Omega, 2022, 7, 3254-3261.	3.5	3
114	Synthesis of Fe ₃ O ₄ /PMMA composite latex particles: Kinetic modeling. Journal of Applied Polymer Science, 2006, 100, 4925-4934.	2.6	2
115	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
116	Synthesis and application of polyurethane basic organic-inorganic hybrid materials as highly hydrophobic coatings. Journal of Polymer Research, 2016, 23, 1.	2.4	2
117	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
118	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
119	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
120	Quantification of contractile mechanics in the rat heart from ventricular pressure alone. Oncotarget, 2017, 8, 96161-96170.	1.8	2
121	Time-lapse imaging using dual-color coded quantitative differential phase contrast microscopy. Journal of Biomedical Optics, 2022, 27, .	2.6	2
122	Kinetic modelling of blood glucose variation in a bioartificial pancreas. Biomaterials, 2003, 24, 2251-2256.	11.4	1
123	IN VITRO RELEASE OF HYDROCORTISONE BY GLYCINE-IMMOBILIZED EVAL MEMBRANE. Biomedical Engineering - Applications, Basis and Communications, 2005, 17, 86-90.	0.6	1
124	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
125	Poly(ϵ -4-aminobutyl)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
126	Application of 4T-PET fibers/nonwovens for leucocyte filters. Journal of Industrial Textiles, 2019, 49, 633-647.	2.4	1

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127	Effects of Electromagnets on Bovine Corneal Endothelial Cells Treated with Dendrimer Functionalized Magnetic Nanoparticles. Polymers, 2021, 13, 3306.	4.5	1
128	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
129	Novel Application of Photo-Crosslinked Urocanic-Acid-Modified Chitosan in Corneal Wounds. ACS Biomaterials Science and Engineering, 2022, 8, 2016-2027.	5.2	1
130	A microfluidic coculture system for cell-cell interaction study. , 0, , .		0
131	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
132	The application of macroelectrophoresis in studying the cellular behaviors on biomaterials: The relationship between cell membrane potentiation and cellular behaviors. , 2010, , .		0
133	The exhibition of polyethylene imine/DNA coated with oligonucleotides for gene delivery. , 2010, , .		0
134	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
135	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
136	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