

Jui-Sheng Sun

List of Publications by Year in descending order

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153
papers

5,896
citations

57758

44
h-index

95266

68
g-index

153
all docs

153
docs citations

153
times ranked

8359
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer as an infectious disease: A different treatment alternative using a combination of tigecycline and pyruvium pamoate “ An example of breast cancer. <i>Journal of Microbiology, Immunology and Infection</i> , 2022, 55, 51-59.	3.1	7
2	Metformin-Incorporated Gelatin/Hydroxyapatite Nanofiber Scaffold for Bone Regeneration. <i>Tissue Engineering - Part A</i> , 2022, 28, 1-12.	3.1	12
3	Metformin-Incorporated Gelatin/Nano-Hydroxyapatite Scaffolds Promotes Bone Regeneration in Critical Size Rat Alveolar Bone Defect Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 558.	4.1	14
4	Cyclic mechanical stretch regulates the AMPK/Egr1 pathway in tenocytes via Ca ²⁺ -mediated mechanosensing. <i>Connective Tissue Research</i> , 2022, 63, 590-602.	2.3	3
5	Decoronation-induced infected alveolar socket defect rat model for ridge preservation. <i>Scientific Reports</i> , 2022, 12, .	3.3	0
6	Transglutaminase Cross-Linked Gelatin-Alginate-Antibacterial Hydrogel as the Drug Delivery-Coatings for Implant-Related Infections. <i>Polymers</i> , 2021, 13, 414.	4.5	25
7	Kartogenin Enhances Chondrogenic Differentiation of MSCs in 3D Tri-Copolymer Scaffolds and the Self-Designed Bioreactor System. <i>Biomolecules</i> , 2021, 11, 115.	4.0	11
8	Biocompatibility and Biological Performance Evaluation of Additive-Manufactured Bioabsorbable Iron-Based Porous Suture Anchor in a Rabbit Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7368.	4.1	8
9	Efficacy and Safety of Postmenopausal Osteoporosis Treatments: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials. <i>Journal of Clinical Medicine</i> , 2021, 10, 3043.	2.4	15
10	3D laser-printed porous Ti6Al4V dental implants for compromised bone support. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 420-429.	1.7	28
11	Novel design of additive manufactured hollow porous implants. <i>Dental Materials</i> , 2020, 36, 1437-1451.	3.5	20
12	A Dynamic Hanging-Drop System for Mesenchymal Stem Cell Culture. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4298.	4.1	30
13	Improving patient safety during intrahospital transportation of mechanically ventilated patients with critical illness. <i>BMJ Open Quality</i> , 2020, 9, e000698.	1.1	13
14	Partial enzyme digestion facilitates regeneration of crushed nerve in rat. <i>Translational Neuroscience</i> , 2020, 11, 251-263.	1.4	2
15	Augmentation of DMLS Biomimetic Dental Implants with Weight-Bearing Strut to Balance of Biologic and Mechanical Demands: From Bench to Animal. <i>Materials</i> , 2019, 12, 164.	2.9	23
16	The chitosan/tri-calcium phosphate bio-composite bone cement promotes better osteo-integration: an in vitro and in vivo study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 162.	2.3	31
17	Multi-scale mapping for collagen-regulated mineralization in bone remodeling of additive manufacturing porous implants. <i>Materials Chemistry and Physics</i> , 2019, 230, 83-92.	4.0	17
18	Biomimetic Synthesis of Nanocrystalline Hydroxyapatite Composites: Therapeutic Potential and Effects on Bone Regeneration. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6002.	4.1	38

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19	A leadership-based program can reduce boarding time of emergency department admissions. <i>American Journal of Emergency Medicine</i> , 2019, 37, 783-788.	1.6	0
20	Comparison of complaints to the intensive care units and those to the general wards: an analysis using the Healthcare Complaint Analysis Tool in an academic medical center in Taiwan. <i>Critical Care</i> , 2018, 22, 335.	5.8	17
21	Hyperglycemia Augments the Adipogenic Transdifferentiation Potential of Tenocytes and Is Alleviated by Cyclic Mechanical Stretch. <i>International Journal of Molecular Sciences</i> , 2018, 19, 90.	4.1	14
22	Glycosaminoglycan-based hybrid hydrogel encapsulated with polyelectrolyte complex nanoparticles for endogenous stem cell regulation in central nervous system regeneration. <i>Biomaterials</i> , 2018, 174, 17-30.	11.4	61
23	Improvement of bone-tendon fixation by porous titanium interference screw: A rabbit animal model. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2633-2640.	2.3	22
24	Treatment of osteoarthritis with collagen-based scaffold: A porcine animal model with xenograft mesenchymal stem cells. <i>Histology and Histopathology</i> , 2018, 33, 1271-1286.	0.7	9
25	A Modified Broström Repair with Transosseous Fixation for Chronic Ankle Instability: A Midterm Followup Study in Soldiers. <i>Indian Journal of Orthopaedics</i> , 2018, 52, 315-321.	1.1	6
26	The effects of tibia profile, distraction angle, and knee load on wedge instability and hinge fracture: A finite element study. <i>Medical Engineering and Physics</i> , 2017, 42, 48-54.	1.7	23
27	Wing-augmentation reduces femoral head cutting out of dynamic hip screw. <i>Medical Engineering and Physics</i> , 2017, 44, 73-78.	1.7	1
28	High glucose alters tendon homeostasis through downregulation of the AMPK/Egr1 pathway. <i>Scientific Reports</i> , 2017, 7, 44199.	3.3	39
29	Multichanneled Nerve Guidance Conduit with Spatial Gradients of Neurotrophic Factors and Oriented Nanotopography for Repairing the Peripheral Nervous System. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 37623-37636.	8.0	92
30	Enzyme-crosslinked gene-activated matrix for the induction of mesenchymal stem cells in osteochondral tissue regeneration. <i>Acta Biomaterialia</i> , 2017, 63, 210-226.	8.3	42
31	Incidence of patient safety events and process-related human failures during intra-hospital transportation of patients: retrospective exploration from the institutional incident reporting system. <i>BMJ Open</i> , 2017, 7, e017932.	1.9	14
32	Workplace interpersonal conflicts among the healthcare workers: Retrospective exploration from the institutional incident reporting system of a university-affiliated medical center. <i>PLoS ONE</i> , 2017, 12, e0171696.	2.5	34
33	Magnetic hyperthermia enhance the treatment efficacy of peri-implant osteomyelitis. <i>BMC Infectious Diseases</i> , 2017, 17, 516.	2.9	41
34	Development and Characterization of a Bioinspired Bone Matrix with Aligned Nanocrystalline Hydroxyapatite on Collagen Nanofibers. <i>Materials</i> , 2016, 9, 198.	2.9	20
35	An injectable extracellular matrix for the reconstruction of epidural fat and the prevention of epidural fibrosis. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 035010.	3.3	29
36	Tissue transglutaminase is involved in mechanical load-induced osteogenic differentiation of human ligamentum flavum cells. <i>Connective Tissue Research</i> , 2016, 57, 307-318.	2.3	4

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37	Targeted Delivery of Hyaluronan-Immobilized Magnetic Ceramic Nanocrystals. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 103-113.	1.1	4
38	Ibuprofen-conjugated hyaluronate/polygalacturonic acid hydrogel for the prevention of epidural fibrosis. <i>Journal of Biomaterials Applications</i> , 2016, 30, 1589-1600.	2.4	19
39	3D Porous Calcium-Alginate Scaffolds Cell Culture System Improved Human Osteoblast Cell Clusters for Cell Therapy. <i>Theranostics</i> , 2015, 5, 643-655.	10.0	81
40	Low-intensity pulsed ultrasound stimulates matrix metabolism of human annulus fibrosus cells mediated by transforming growth factor- β 1 and extracellular signal-regulated kinase pathway. <i>Connective Tissue Research</i> , 2015, 56, 219-227.	2.3	17
41	A microfabricated coil for implantable applications of magnetic spinal cord stimulation. , 2015, 2015, 6912-5.		0
42	Radix <i>Scrophulariae</i> extracts (harpagoside) suppresses hypoxia-induced microglial activation and neurotoxicity. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 324.	3.7	19
43	In situ forming hydrogel composed of hyaluronate and polygalacturonic acid for prevention of peridural fibrosis. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 168.	3.6	15
44	Arthropod steroid hormone (20-Hydroxyecdysone) suppresses IL-1 β - induced catabolic gene expression in cartilage. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 1.	3.7	181
45	Second messengers mediating the proliferation and collagen synthesis of tenocytes induced by low-level laser irradiation. <i>Lasers in Medical Science</i> , 2015, 30, 263-272.	2.1	21
46	Fabrication and properties of acellular porcine anulus fibrosus for tissue engineering in spine surgery. <i>Journal of Orthopaedic Surgery and Research</i> , 2014, 9, 118.	2.3	12
47	Better Osteoporotic Fracture Healing with Sintered Dicalcium Pyrophosphate (SDCP) Treatment. <i>Journal of Histochemistry and Cytochemistry</i> , 2014, 62, 565-576.	2.5	3
48	Mechanical stress-induced apoptosis of nucleus pulposus cells: an in vitro and in vivo rat model. <i>Journal of Orthopaedic Science</i> , 2014, 19, 313-322.	1.1	32
49	Extracorporeal shockwave therapy improves short-term functional outcomes of shoulder adhesive capsulitis. <i>Journal of Shoulder and Elbow Surgery</i> , 2014, 23, 1843-1851.	2.6	49
50	Developing intelligent human-machine interface for next generation ICU by using user-centered system development approach. , 2014, , .		1
51	Dose-dependent regulation of cell proliferation and collagen degradation by estradiol on ligamentum flavum. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 238.	1.9	12
52	A mutation of the Col2a1 gene (G1170S) alters the transgenic murine phenotype and cartilage matrix homeostasis. <i>Journal of the Formosan Medical Association</i> , 2014, 113, 803-812.	1.7	8
53	Fabrication of large perfusable macroporous cell-laden hydrogel scaffolds using microbial transglutaminase. <i>Acta Biomaterialia</i> , 2014, 10, 912-920.	8.3	40
54	A Novel Albumin-Based Tissue Scaffold for Autogenic Tissue Engineering Applications. <i>Scientific Reports</i> , 2014, 4, 5600.	3.3	45

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55	Biological characterization of oxidized hyaluronic acid/resveratrol hydrogel for cartilage tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101, 3457-3466.	4.0	50
56	Thermo-Induced Shape-Memory PEG-PCL Copolymer as a Dual-Drug-Eluting Biodegradable Stent. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 10985-10994.	8.0	107
57	Stimuli-responsive HA-PEI nanoparticles encapsulating endostatin plasmid for stem cell gene therapy. <i>RSC Advances</i> , 2013, 3, 12922.	3.6	21
58	Real-time visualization of pH-responsive PLGA hollow particles containing a gas-generating agent targeted for acidic organelles for overcoming multi-drug resistance. <i>Biomaterials</i> , 2013, 34, 1-10.	11.4	111
59	Injectable and Thermo-responsive Self-Assembled Nanocomposite Hydrogel for Long-Term Anticancer Drug Delivery. <i>Langmuir</i> , 2013, 29, 3721-3729.	3.5	105
60	Centrifugal Force Induces Human Ligamentum Flavum Fibroblasts Inflammation Through Activation of JNK and p38 Pathways. <i>Connective Tissue Research</i> , 2012, 53, 422-429.	2.3	14
61	Elastin-Derived Peptides Induce Inflammatory Responses through the Activation of NF- κ B in Human Ligamentum Flavum Cells. <i>Connective Tissue Research</i> , 2012, 53, 407-414.	2.3	11
62	High false negative rate of Tc-99m MDP whole-body bone scintigraphy in detecting skeletal metastases for patients with hepatoma. <i>Journal of the Formosan Medical Association</i> , 2012, 111, 140-146.	1.7	15
63	Calcitonin Inhibits SDCP-Induced Osteoclast Apoptosis and Increases Its Efficacy in a Rat Model of Osteoporosis. <i>PLoS ONE</i> , 2012, 7, e40272.	2.5	21
64	Traumatic Femoral Vein Rupture Resulting in Compartment Syndrome with Concomitant Closed Femoral Diaphyseal Fracture. <i>JBJS Case Connector</i> , 2012, 2, e18.	0.3	0
65	The Effect of a New Anular Repair After Discectomy in Intervertebral Disc Degeneration. <i>Spine</i> , 2011, 36, 761-769.	2.0	51
66	Characterization of Magnetic Hydroxyapatite Nanocrystallites and Potential Application for MRI Contrast Agent. <i>Current Nanoscience</i> , 2011, 7, 902-907.	1.2	5
67	Effects of Low Intensity Pulsed Ultrasound on Rat Schwann Cells Metabolism. <i>Artificial Organs</i> , 2011, 35, 373-383.	1.9	38
68	Icariin inhibits osteoclast differentiation and bone resorption by suppression of MAPKs/NF- κ B regulated HIF-1 α and PGE2 synthesis. <i>Phytomedicine</i> , 2011, 18, 176-185.	5.3	151
69	The protective effects of coumestrol against amyloid-beta peptide- and lipopolysaccharide-induced toxicity on mice astrocytes. <i>Neurological Research</i> , 2011, 33, 663-672.	1.3	15
70	The cross-talk between transforming growth factor-beta1 and ultrasound stimulation during mechanotransduction of rat tenocytes. <i>Connective Tissue Research</i> , 2011, 52, 313-321.	2.3	8
71	Estrogen augments shear stress-induced signaling and gene expression in osteoblast-like cells via estrogen receptor-mediated expression of I β 1-integrin. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 627-639.	2.8	35
72	Icariin isolated from <i>Epimedium pubescens</i> regulates osteoblasts anabolism through BMP-2, SMAD4, and Cbfa1 expression. <i>Phytomedicine</i> , 2010, 17, 414-423.	5.3	137

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73	Malignant peripheral nerve sheath tumour of the hand. <i>Journal of Hand Surgery: European Volume</i> , 2010, 35, 246-248.	1.0	0
74	Icariin protects murine chondrocytes from lipopolysaccharide-induced inflammatory responses and extracellular matrix degradation. <i>Nutrition Research</i> , 2010, 30, 57-65.	2.9	75
75	Simvastatin promotes osteoblast viability and differentiation via Ras/Smad/Erk/BMP-2 signaling pathway. <i>Nutrition Research</i> , 2010, 30, 191-199.	2.9	144
76	Anti-inflammatory effects of daidzein on primary astroglial cell culture. <i>Nutritional Neuroscience</i> , 2009, 12, 123-134.	3.1	37
77	Regulation of adult human mesenchymal stem cells into osteogenic and chondrogenic lineages by different bioreactor systems. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 935-946.	4.0	57
78	Vitamin-D Binding Protein Does Not Enhance Healing in Rat Bone Defects: A Pilot Study. <i>Clinical Orthopaedics and Related Research</i> , 2009, 467, 3156-3164.	1.5	10
79	Isoflavones prevent bone loss following ovariectomy in young adult rats. <i>Journal of Orthopaedic Surgery and Research</i> , 2008, 3, 12.	2.3	13
80	Effects of Shock Waves on Tenocyte Proliferation and Extracellular Matrix Metabolism. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 841-852.	1.5	78
81	Ex Vivo Magnetofection With Magnetic Nanoparticles: A Novel Platform for Nonviral Tissue Engineering. <i>Artificial Organs</i> , 2008, 32, 195-204.	1.9	37
82	Studies of Photokilling of Bacteria Using Titanium Dioxide Nanoparticles. <i>Artificial Organs</i> , 2008, 32, 167-174.	1.9	201
83	Effects of coumestrol on neonatal and adult mice osteoblasts activities. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 81A, 214-223.	4.0	15
84	Fibrin glue mixed with gelatin/hyaluronic acid/chondroitin-6-sulfate tri-copolymer for articular cartilage tissue engineering: The results of real-time polymerase chain reaction. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 82A, 757-767.	4.0	49
85	Evaluation and biological characterization of bilayer gelatin/chondroitin-6-sulphate/hyaluronic acid membrane. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007, 82B, 390-399.	3.4	21
86	Coculture of endothelial and smooth muscle cells on a collagen membrane in the development of a small-diameter vascular graft. <i>Biomaterials</i> , 2007, 28, 1385-1392.	11.4	84
87	Isokinetic eccentric exercise can induce skeletal muscle injury within the physiologic excursion of muscle-tendon unit: a rabbit model. <i>Journal of Orthopaedic Surgery and Research</i> , 2007, 2, 13.	2.3	5
88	A novel biomagnetic nanoparticle based on hydroxyapatite. <i>Nanotechnology</i> , 2007, 18, 165601.	2.6	100
89	Direct effects of caffeine on osteoblastic cells metabolism: the possible causal effect of caffeine on the formation of osteoporosis. <i>Journal of Orthopaedic Surgery and Research</i> , 2006, 1, 7.	2.3	60
90	Biomimetic Bilayered Gelatin-Chondroitin 6 Sulfate-Hyaluronic Acid Biopolymer as a Scaffold for Skin Equivalent Tissue Engineering. <i>Artificial Organs</i> , 2006, 30, 141-149.	1.9	66

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91	Investigation of Mitomycin-C-treated Fibroblasts in 3-D Collagen Gel and Conditioned Medium for Keratinocyte Proliferation. <i>Artificial Organs</i> , 2006, 30, 150-159.	1.9	9
92	Skin basement membrane and extracellular matrix proteins characterization and quantification by real time RT-PCR. <i>Biomaterials</i> , 2006, 27, 5059-5068.	11.4	26
93	The effect of gelatin-chondroitin sulfate-hyaluronic acid skin substitute on wound healing in SCID mice. <i>Biomaterials</i> , 2006, 27, 5689-5697.	11.4	104
94	Comparison of ultrasound and electromagnetic field effects on osteoblast growth. <i>Ultrasound in Medicine and Biology</i> , 2006, 32, 769-775.	1.5	59
95	The effect of self-designed bifunctional RGD-containing fusion protein on the behavior of human keratinocytes and dermal fibroblasts. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2006, 79B, 379-387.	3.4	8
96	EFFECT OF CALCIUM ION CONCENTRATION ON KERATINOCYTE BEHAVIORS IN THE DEFINED MEDIA. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2006, 18, 37-41.	0.6	9
97	PREPARATION AND EVALUATION OF GAG-INCORPORATED SKIN SUBSTITUTE: AN IN VITRO STUDY. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2006, 18, 153-157.	0.6	1
98	The role of muscle-derived stem cells in bone tissue engineering. <i>Biomaterials</i> , 2005, 26, 3953-3960.	11.4	65
99	Epidermal morphogenesis in an in-vitro model using a fibroblasts-embedded collagen scaffold. <i>Journal of Biomedical Science</i> , 2005, 12, 855-867.	7.0	13
100	The Effect of Gu-Sui-Bu (<i>Drynaria fortunei</i>) on Bone Cell Activity. <i>The American Journal of Chinese Medicine</i> , 2004, 32, 737-753.	3.8	16
101	The influence on gene-expression profiling of osteoblasts behavior following treatment with the ionic products of sintered β -dicalcium pyrophosphate dissolution. <i>Biomaterials</i> , 2004, 25, 607-616.	11.4	34
102	Effect of pulse-burst electromagnetic field stimulation on osteoblast cell activities. <i>Bioelectromagnetics</i> , 2004, 25, 457-465.	1.6	133
103	Biocompatibility of NGF-grafted GTG membranes for peripheral nerve repair using cultured Schwann cells. <i>Biomaterials</i> , 2004, 25, 5667-5673.	11.4	47
104	Immobilization of Chinese herbal medicine onto the surface-modified calcium hydrogenphosphate. <i>Biomaterials</i> , 2003, 24, 2413-2422.	11.4	24
105	The effect of sintered dicalcium pyrophosphate on osteoclast metabolism: An ultrastructural study. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 64A, 616-621.	3.1	17
106	The effect of Gu-Sui-Bu (<i>Drynaria fortunei</i> J. Sm) immobilized modified calcium hydrogenphosphate on bone cell activities. <i>Biomaterials</i> , 2003, 24, 873-882.	11.4	17
107	Collagen-Hydroxyapatite Microspheres as Carriers for Bone Morphogenic Protein-4. <i>Artificial Organs</i> , 2003, 27, 162-168.	1.9	39
108	Collagen-Hydroxyapatite/Tricalcium Phosphate Microspheres as a Delivery System for Recombinant Human Transforming Growth Factor-beta 1. <i>Artificial Organs</i> , 2003, 27, 605-612.	1.9	34

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109	The application potential of sintered β -dicalcium pyrophosphate in total joint arthroplasty. <i>Journal of Arthroplasty</i> , 2003, 18, 352-360.	3.1	7
110	Cultured keratinocytes and dermal fibroblasts on a double-layer scaffold with bi-medium culture system. <i>Biomedical Sciences Instrumentation</i> , 2003, 39, 500-5.	0.2	3
111	The Effect of Chinese Medicine on Bone Cell Activities. <i>The American Journal of Chinese Medicine</i> , 2002, 30, 271-285.	3.8	23
112	Study of thermal effects of ultrasound stimulation on fracture healing. <i>Bioelectromagnetics</i> , 2002, 23, 256-263.	1.6	64
113	Sintered dicalcium pyrophosphate increases bone mass in ovariectomized rats. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 59, 246-253.	3.1	17
114	Optimum intensities of ultrasound for pge 2 secretion and growth of osteoblasts. <i>Ultrasound in Medicine and Biology</i> , 2002, 28, 683-690.	1.5	48
115	The effect of Cu-Sui-Bu (<i>Drynaria fortunei</i> J. Sm) on bone cell activities. <i>Biomaterials</i> , 2002, 23, 3377-3385.	11.4	43
116	The effect of Ca/P concentration and temperature of simulated body fluid on the growth of hydroxyapatite coating on alkali-treated 316L stainless steel. <i>Biomaterials</i> , 2002, 23, 4029-4038.	11.4	83
117	Osteogenic Evaluation of Glutaraldehyde Crosslinked Gelatin Composite with Fetal Rat Calvarial Culture Model. <i>Artificial Organs</i> , 2001, 25, 644-654.	1.9	14
118	Petal-like apatite formed on the surface of tricalcium phosphate ceramic after soaking in distilled water. <i>Biomaterials</i> , 2001, 22, 2981-2992.	11.4	56
119	A study on grafting and characterization of HMDI-modified calcium hydrogenphosphate. <i>Biomaterials</i> , 2001, 22, 3179-3189.	11.4	52
120	In vitro effects of low-intensity ultrasound stimulation on the bone cells. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 57, 449-456.	3.1	95
121	Preparation of β -TCP/HAP biphasic ceramics with natural bone structure by heating bovine cancellous bone with the addition of $(\text{NH}_4)_2\text{HPO}_4$. , 2000, 51, 157-163.		48
122	Alveolar mononuclear cells can develop into multinucleated osteoclasts: An in vitro cell culture model. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 52, 142-147.	3.1	9
123	Effect of anti-inflammatory medication on monocyte response to titanium particles. <i>Journal of Biomedical Materials Research Part B</i> , 2000, 52, 509-516.	3.1	11
124	In vivo kinematic study of normal wrist motion: an ultrafast computed tomographic study. <i>Clinical Biomechanics</i> , 2000, 15, 212-216.	1.2	29
125	Antioxidant status following acute ischemic limb injury: A rabbit model. <i>Free Radical Research</i> , 1999, 31, 9-21.	3.3	15
126	Preparation of a biphasic porous bioceramic by heating bovine cancellous bone with $\text{Na}_4\text{P}_2\text{O}_7 \cdot 10\text{H}_2\text{O}$ addition. <i>Biomaterials</i> , 1999, 20, 475-484.	11.4	65

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127	Thermal decomposition and reconstitution of hydroxyapatite in air atmosphere. <i>Biomaterials</i> , 1999, 20, 1807-1813.	11.4	342
128	Effects of age and gender on remote pointing performance and their design implications. <i>International Journal of Industrial Ergonomics</i> , 1999, 23, 461-471.	2.6	16
129	The Effect of Sintered β -Calcium Pyrophosphate Particle Size on Newborn Wistar Rat Osteoblasts. <i>Artificial Organs</i> , 1999, 23, 331-338.	1.9	20
130	Cytokine and Prostaglandin E2 Release from Leukocytes in Response to Metal Ions Derived from Different Prosthetic Materials: An In Vitro Study. <i>Artificial Organs</i> , 1999, 23, 1099-1106.	1.9	20
131	Scavenging effect of benzophenones on the oxidative stress of skeletal muscle cells. <i>Free Radical Biology and Medicine</i> , 1999, 26, 1100-1107.	2.9	14
132	The influence of hydroxyapatite particles on osteoclast cell activities. <i>Journal of Biomedical Materials Research Part B</i> , 1999, 45, 311-321.	3.1	64
133	Bone defect healing enhanced by ultrasound stimulation: An in vitro tissue culture model. , 1999, 46, 253-261.		32
134	Influence of hydroxyapatite particle size on bone cell activities: An in vitro study. <i>Journal of Biomedical Materials Research Part B</i> , 1998, 39, 390-397.	3.1	81
135	Biological effects and cytotoxicity of the composite composed by tricalcium phosphate and glutaraldehyde cross-linked gelatin. <i>Biomaterials</i> , 1998, 19, 905-917.	11.4	86
136	Preparation of high-temperature stabilized β -tricalcium phosphate by heating deficient hydroxyapatite with $\text{Na}_4\text{P}_2\text{O}_7 \cdot 10\text{H}_2\text{O}$ addition. <i>Biomaterials</i> , 1998, 19, 1101-1107.	11.4	47
137	The effect of morphology variety of EVAL membranes on the behavior of myoblasts in vitro. <i>Biomaterials</i> , 1998, 19, 717-724.	11.4	45
138	The effects of cyclic stretching on tensile properties of the rabbit's skeletal muscle. <i>Clinical Biomechanics</i> , 1998, 13, 48-53.	1.2	6
139	Morphological changes of the triceps surae muscle-tendon unit during passive extension: an in vivo rabbit model. <i>Clinical Biomechanics</i> , 1998, 13, 634-640.	1.2	5
140	An ultra-weak chemiluminescence study on oxidative stress in rabbits following acute thermal injury. <i>Burns</i> , 1998, 24, 225-231.	1.9	135
141	Influence of hydroxyapatite particle size on bone cell activities: An in vitro study. , 1998, 39, 390.		1
142	Behavior of fetal rat osteoblasts cultured in vitro on the DP-bioactive glass substratum. <i>Materials Chemistry and Physics</i> , 1997, 49, 270-276.	4.0	10
143	Effect of hydroxyapatite particle size on myoblasts and fibroblasts. <i>Biomaterials</i> , 1997, 18, 683-690.	11.4	66
144	Degradation behaviour of a new bioceramic: $\text{Ca}_2\text{P}_2\text{O}_7$ with addition of $\text{Na}_4\text{P}_2\text{O}_7 \cdot 10\text{H}_2\text{O}$. <i>Biomaterials</i> , 1997, 18, 915-921.	11.4	41

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145	Effects of calcium phosphate bioceramics on skeletal muscle cells. , 1997, 34, 227-233.		9
146	The effects of calcium phosphate particles on the growth of osteoblasts. , 1997, 37, 324-334.		101
147	In vitro cell behavior of osteoblasts on Pyrost bone substitute. The Anatomical Record, 1997, 247, 164-169.	1.8	6
148	Biological effects and cytotoxicity of tricalcium phosphate and formaldehyde cross-linked gelatin composite. Materials Chemistry and Physics, 1996, 45, 6-14.	4.0	42
149	The bonding behavior of DP-Bioglass and bone tissue. Materials Chemistry and Physics, 1996, 46, 36-42.	4.0	12
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