

Ching-Chuan Jiang

List of Publications by Year in descending order

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43
papers

1,459
citations

346980

22
h-index

355658

38
g-index

46
all docs

46
docs citations

46
times ranked

2260
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospective Application of Partially Digested Autologous Chondrocyte for Meniscus Tissue Engineering. <i>Pharmaceutics</i> , 2022, 14, 605.	2.0	1
2	Sulfation pattern of chondroitin sulfate in human osteoarthritis cartilages reveals a lower level of chondroitin-4-sulfate. <i>Carbohydrate Polymers</i> , 2020, 229, 115496.	5.1	19
3	Analysis of the following Related Surgeries of Unicompartmental Knee Arthroplasty and Total Knee Arthroplasty: A Taiwanese National Health Insurance Research Database Population-Based Study. <i>BioMed Research International</i> , 2020, 2020, 1-9.	0.9	1
4	Collagenase treatment of cartilaginous matrix promotes fusion of adjacent cartilage. <i>Regenerative Therapy</i> , 2020, 15, 97-102.	1.4	1
5	The five-year outcome of a clinical feasibility study using a biphasic construct with minced autologous cartilage to repair osteochondral defects in the knee. <i>International Orthopaedics</i> , 2020, 44, 1745-1754.	0.9	8
6	Topical anesthesia for staple removal from surgical wounds on the knee: a prospective, double-blind, randomized trial. <i>Journal of Surgical Research</i> , 2017, 215, 167-172.	0.8	4
7	Local bone quality affects the outcome of prosthetic total knee arthroplasty. <i>Journal of Orthopaedic Research</i> , 2016, 34, 240-248.	1.2	24
8	Clinical characteristics, microbiology, and outcomes of prosthetic joint infection in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2015, 48, 198-204.	1.5	28
9	Proteomic analysis of osteoarthritic chondrocyte reveals the hyaluronic acid-regulated proteins involved in chondroprotective effect under oxidative stress. <i>Journal of Proteomics</i> , 2014, 99, 40-53.	1.2	48
10	Higher expression of cytochrome P450 3A4 in human mesenchymal and adipose-derived stem cells than in dermal fibroblasts: With emphasis on the correlation with basal pregnane X receptor expression. <i>Process Biochemistry</i> , 2014, 49, 1983-1989.	1.8	3
11	Proteomic analysis of hyaluronate-regulated proteins involved in chondroprotective effect under oxidative stress (LB177). <i>FASEB Journal</i> , 2014, 28, LB177.	0.2	0
12	Development of the equine vibration arthrometry system (EVAS) for the study of equine lameness. <i>Computers and Electronics in Agriculture</i> , 2013, 95, 38-47.	3.7	0
13	Early Neuromechanical Outcomes of the Triceps Surae Muscle-Tendon After an Achilles' Tendon Repair. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 1590-1598.	0.5	31
14	Effects of Methylprednisolone on Femoral Bone Marrow: Age-Dependent Susceptibility. <i>HIP International</i> , 2013, 23, 500-506.	0.9	0
15	Comparison of quadriceps-sparing minimally invasive and medial parapatellar total knee arthroplasty: A 2-year follow-up study. <i>Journal of the Formosan Medical Association</i> , 2012, 111, 698-704.	0.8	15
16	Risk Factors for Hip Fracture Sites and Mortality in Older Adults. <i>Journal of Trauma</i> , 2011, 71, 191-197.	2.3	31
17	Differences Between Chondrocytes and Bone Marrow-Derived Chondrogenic Cells. <i>Tissue Engineering - Part A</i> , 2011, 17, 2919-2929.	1.6	29
18	Relationship of Idiopathic Osteonecrosis of the Femoral Head to Perfusion Changes in the Proximal Femur by Dynamic Contrast-Enhanced MRI. <i>American Journal of Roentgenology</i> , 2011, 196, 637-643.	1.0	42

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19	Immediate Effect and Predictors of Effectiveness of Taping for Patellofemoral Pain Syndrome. American Journal of Sports Medicine, 2010, 38, 1626-1630.	1.9	50
20	Multiphoton Imaging and Quantitative Analysis of Collagen Production by Chondrogenic Human Mesenchymal Stem Cells Cultured in Chitosan Scaffold. Tissue Engineering - Part C: Methods, 2010, 16, 913-920.	1.1	34
21	Comparison of Articular Cartilage Repair by Autologous Chondrocytes With and Without <i>In Vitro</i> Cultivation. Tissue Engineering - Part C: Methods, 2010, 16, 291-300.	1.1	15
22	Patella baja after revision total knee arthroplasty. Formosan Journal of Musculoskeletal Disorders, 2010, 1, 11-15.	0.2	1
23	Quadriceps-Sparing, Minimal-Incision Total Knee Arthroplasty. Journal of Arthroplasty, 2009, 24, 1024-1032.	1.5	36
24	Evaluation of articular cartilage repair using biodegradable nanofibrous scaffolds in a swine model: a pilot study. Journal of Tissue Engineering and Regenerative Medicine, 2009, 3, 1-10.	1.3	145
25	Repair of Articular Cartilage Defects: Review and Perspectives. Journal of the Formosan Medical Association, 2009, 108, 87-101.	0.8	138
26	The effect of posterior capsule repair upon post-operative hip dislocation following primary total hip arthroplasty. BMC Musculoskeletal Disorders, 2008, 9, 29.	0.8	65
27	Perioperative celecoxib administration for pain management after total knee arthroplasty – A randomized, controlled study. BMC Musculoskeletal Disorders, 2008, 9, 77.	0.8	128
28	Role of Sonographic Examination in Traumatic Knee Internal Derangement. Archives of Physical Medicine and Rehabilitation, 2007, 88, 984-987.	0.5	19
29	Injecting partially digested cartilage fragments into a biphasic scaffold to generate osteochondral composites in a nude mice model. Journal of Biomedical Materials Research - Part A, 2007, 81A, 567-577.	2.1	19
30	Repair of porcine articular cartilage defect with a biphasic osteochondral composite. Journal of Orthopaedic Research, 2007, 25, 1277-1290.	1.2	131
31	Dome-shaped High Tibial Osteotomy: A Long-term Follow-up Study. Journal of the Formosan Medical Association, 2006, 105, 214-219.	0.8	24
32	Imaging the bone marrow stem cells morphogenesis in PGA scaffold by multiphoton autofluorescence and second harmonic (SHG) imaging. , 2006, , .		0
33	Humeral Head Osteonecrosis After Extracorporeal Shock-Wave Treatment for Rotator Cuff Tendinopathy. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1353-1356.	1.4	26
34	Imaging Human Bone Marrow Stem Cell Morphogenesis in Polyglycolic Acid Scaffold by Multiphoton Microscopy. Tissue Engineering, 2006, 12, 2835-2841.	4.9	42
35	Imaging Human Bone Marrow Stem Cell Morphogenesis in Polyglycolic Acid Scaffold by Multiphoton Microscopy. Tissue Engineering, 2006, .	4.9	1
36	Repair of porcine articular cartilage defect with autologous chondrocyte transplantation. Journal of Orthopaedic Research, 2005, 23, 584-593.	1.2	66

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37	REPAIR OF ARTICULAR CARTILAGE INJURY. Biomedical Engineering - Applications, Basis and Communications, 2005, 17, 243-251.	0.3	3
38	Magnetic resonance imaging of anterior cruciate ligament rupture. BMC Musculoskeletal Disorders, 2004, 5, 21.	0.8	40
39	Multipotential Mesenchymal Stem Cells from Femoral Bone Marrow Near the Site of Osteonecrosis. Stem Cells, 2003, 21, 190-199.	1.4	125
40	Above-knee amputation after recurrent dislocations of total knee arthroplasty. Journal of Arthroplasty, 2003, 18, 105-109.	1.5	19
41	Osteogenic differentiation of mesenchymal stem cells derived from bone marrow of patients with myeloproliferative disorders. Journal of the Formosan Medical Association, 2002, 101, 124-8.	0.8	2
42	Vibration arthrometry in the patients with failed total knee replacement. IEEE Transactions on Biomedical Engineering, 2000, 47, 219-227.	2.5	26
43	Vibration arthrometry in patients with knee joint disorders. IEEE Transactions on Biomedical Engineering, 2000, 47, 1131-1133.	2.5	19