

# Ching-Chuan Jiang

## List of Publications by Year in descending order

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43  
papers

1,459  
citations

304743

22  
h-index

315739

38  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of articular cartilage repair using biodegradable nanofibrous scaffolds in a swine model: a pilot study. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009, 3, 1-10.	2.7	145
2	Repair of Articular Cartilage Defects: Review and Perspectives. <i>Journal of the Formosan Medical Association</i> , 2009, 108, 87-101.	1.7	138
3	Repair of porcine articular cartilage defect with a biphasic osteochondral composite. <i>Journal of Orthopaedic Research</i> , 2007, 25, 1277-1290.	2.3	131
4	Perioperative celecoxib administration for pain management after total knee arthroplasty – A randomized, controlled study. <i>BMC Musculoskeletal Disorders</i> , 2008, 9, 77.	1.9	128
5	Multipotential Mesenchymal Stem Cells from Femoral Bone Marrow Near the Site of Osteonecrosis. <i>Stem Cells</i> , 2003, 21, 190-199.	3.2	125
6	Repair of porcine articular cartilage defect with autologous chondrocyte transplantation. <i>Journal of Orthopaedic Research</i> , 2005, 23, 584-593.	2.3	66
7	The effect of posterior capsule repair upon post-operative hip dislocation following primary total hip arthroplasty. <i>BMC Musculoskeletal Disorders</i> , 2008, 9, 29.	1.9	65
8	Immediate Effect and Predictors of Effectiveness of Taping for Patellofemoral Pain Syndrome. <i>American Journal of Sports Medicine</i> , 2010, 38, 1626-1630.	4.2	50
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.	2.4	48
10	Imaging Human Bone Marrow Stem Cell Morphogenesis in Polyglycolic Acid Scaffold by Multiphoton Microscopy. <i>Tissue Engineering</i> , 2006, 12, 2835-2841.	4.6	42
11	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.	2.2	42
12	Magnetic resonance imaging of anterior cruciate ligament rupture. <i>BMC Musculoskeletal Disorders</i> , 2004, 5, 21.	1.9	40
13	Quadriceps-Sparing, Minimal-Incision Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2009, 24, 1024-1032.	3.1	36
14	Multiphoton Imaging and Quantitative Analysis of Collagen Production by Chondrogenic Human Mesenchymal Stem Cells Cultured in Chitosan Scaffold. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 913-920.	2.1	34
15	Risk Factors for Hip Fracture Sites and Mortality in Older Adults. <i>Journal of Trauma</i> , 2011, 71, 191-197.	2.3	31
16	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.	0.9	31
17	Differences Between Chondrocytes and Bone Marrow-Derived Chondrogenic Cells. <i>Tissue Engineering - Part A</i> , 2011, 17, 2919-2929.	3.1	29
18	Clinical characteristics, microbiology, and outcomes of prosthetic joint infection in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2015, 48, 198-204.	3.1	28

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19	Vibration arthrometry in the patients with failed total knee replacement. IEEE Transactions on Biomedical Engineering, 2000, 47, 219-227.	4.2	26
20	Humeral Head Osteonecrosis After Extracorporeal Shock-Wave Treatment for Rotator Cuff Tendinopathy. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1353-1356.	3.0	26
21	Dome-shaped High Tibial Osteotomy: A Long-term Follow-up Study. Journal of the Formosan Medical Association, 2006, 105, 214-219.	1.7	24
22	Local bone quality affects the outcome of prosthetic total knee arthroplasty. Journal of Orthopaedic Research, 2016, 34, 240-248.	2.3	24
23	Vibration arthrometry in patients with knee joint disorders. IEEE Transactions on Biomedical Engineering, 2000, 47, 1131-1133.	4.2	19
24	Above-knee amputation after recurrent dislocations of total knee arthroplasty. Journal of Arthroplasty, 2003, 18, 105-109.	3.1	19
25	Role of Sonographic Examination in Traumatic Knee Internal Derangement. Archives of Physical Medicine and Rehabilitation, 2007, 88, 984-987.	0.9	19
26	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.	4.0	19
27	Sulfation pattern of chondroitin sulfate in human osteoarthritis cartilages reveals a lower level of chondroitin-4-sulfate. Carbohydrate Polymers, 2020, 229, 115496.	10.2	19
28	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.	2.1	15
29	Comparison of quadriceps-sparing minimally invasive and medial parapatellar total knee arthroplasty: A 2-year follow-up study. Journal of the Formosan Medical Association, 2012, 111, 698-704.	1.7	15
30	The five-year outcome of a clinical feasibility study using a biphasic construct with minced autologous cartilage to repair osteochondral defects in the knee. International Orthopaedics, 2020, 44, 1745-1754.	1.9	8
31	Topical anesthesia for staple removal from surgical wounds on the knee: a prospective, double-blind, randomized trial. Journal of Surgical Research, 2017, 215, 167-172.	1.6	4
32	REPAIR OF ARTICULAR CARTILAGE INJURY. Biomedical Engineering - Applications, Basis and Communications, 2005, 17, 243-251.	0.6	3
33	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. Process Biochemistry, 2014, 49, 1983-1989.	3.7	3
34	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.	1.7	2
35	Patella baja after revision total knee arthroplasty. Formosan Journal of Musculoskeletal Disorders, 2010, 1, 11-15.	0.2	1
36	Analysis of the following Related Surgeries of Unicompartmental Knee Arthroplasty and Total Knee Arthroplasty: A Taiwanese National Health Insurance Research Database Population-Based Study. BioMed Research International, 2020, 2020, 1-9.	1.9	1

#	ARTICLE	IF	CITATIONS
37	Collagenase treatment of cartilaginous matrix promotes fusion of adjacent cartilage. <i>Regenerative Therapy</i> , 2020, 15, 97-102.	3.0	1
38	Imaging Human Bone Marrow Stem Cell Morphogenesis in Polyglycolic Acid Scaffold by Multiphoton Microscopy. <i>Tissue Engineering</i> , 2006, .	4.6	1
39	Prospective Application of Partially Digested Autologous Chondrocyte for Meniscus Tissue Engineering. <i>Pharmaceutics</i> , 2022, 14, 605.	4.5	1
40	Imaging the bone marrow stem cells morphogenesis in PGA scaffold by multiphoton autofluorescence and second harmonic (SHG) imaging. , 2006, , .		0
41	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.	7.7	0
42	Effects of Methylprednisolone on Femoral Bone Marrow: Age-Dependent Susceptibility. <i>HIP International</i> , 2013, 23, 500-506.	1.7	0
43	Proteomic analysis of hyaluronate-regulated proteins involved in chondroprotective effect under oxidative stress (LB177). <i>FASEB Journal</i> , 2014, 28, LB177.	0.5	0