

APKASS 2026 Korea & ICKAS 2026

Asia-Pacific Knee, Arthroscopy, Arthroplasty, Shoulder, and Sports Medicine Society
in conjunction with 2026 Annual International Congress of the Korean Arthroscopy Society

September 10 (Thu) - 12 (Sat). 2026 Grand Hyatt, Incheon, Korea

Speaker CV Form

*Please provide your CV of **1-2 pages** in length, including details of the following items. This will be posted on the Congress website.

Name	Shiyi Chen
Current Position & Affiliation	Chair, Sports Med Dept of Huashan Hospital, Fudan University, Shanghai,
Country	China

Educational Background

1998 Ph.D., Orthopaedic Surgery, Fudan University, Shanghai, China
1989 M.Sc., Sports Medicine, Shanghai Medical University, Shanghai, China
1982 M.D., Zhejiang Medical University, Hangzhou, China

Professional Experiences

- Sept. 2017, Visiting Professor, Oxford Monocondyle Advanced Workshop, University of Oxford, UK
- June 2011, Visiting Professor, Annecy Live Surgery Shoulder Advance Course
- Sept. 2010, Visiting Professor, Uni-Condylar Knee replacement, Kaserlaotein Sports Medicine Clinic, Frankfurt, Germany (Dr. Wolfgang Franz)
- May 2009, Visiting Professor, MGH Sports Medicine & Shoulder, Harvard University, Boston, USA (mentors, JP Jon Warner, & Thomas Gill)
- June.-Aug. 2008, Visiting Doctor, Shoulder (Mentor, Steven Burkhart), St. Antonia, USA
- Jul.-Aug. 2007, Visiting Professor, Knee & Shoulder Arthroscopy, Hospital for Special Surgery, New York, USA, (mentor, Scott Rodeo, Codasco)
- Feb.-Mar. 2006, Visiting surgeon, Shoulder Arthroscopy on Massive Rotator Cuff repair, Madi Hospital, Seoul, Korea (mentor, S H Kim)
- Jan. 2003-2004 Surgical Fellow/ Registry Orthopedic Surgeon in Shoulder & Sports Medicine, St. George Hospital, University of New South Wales, Sydney, Australia (Tutor, George AC Murrell)
- Jan.-May. 2002, Visiting Surgeon, Knee Surgery and Sports Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, USA (Tutor, Freddie H. Fu & Savio L-Y Woo)
- May-July. 2000, Visiting Surgeon, Dept. of Orthopedics & Sports Medicine, University of Wisconsin-Madison, Wisconsin & Visiting Scholar, MSRC Orthopedic, University of Pittsburgh Medical Centre, Pittsburgh, PA, USA (Tutor, Ben Graf & Thomas Best)
- Jan. 1995-Jul. 1996, Post-doctor, Institute of Orthopedics Sports Medicine, Linköping University Hospital, Linköping, Sweden (Tutor, Jan Gilquist)
- 1989 -1990, Research Fellow in Experimental Biomechanics, Laboratory of Biomedical Engineering, Tongji University, Shanghai (Tutor, Ding Zhuquan)
- May.-Jun.1988, The course of skeletal muscle biomechanics lectured by Professor K.N. An, Mayo Clinic, Rochester, MN, U.S.A. (Tutor, KN An)
- 1987-1988, Fellow in Institute of Sports Medicine, Beijing Medical University, Beijing, China (Tutor, Qu Mianyu)

Main Scientific Publications (recent 15 years publications)

APKASS 2026 Korea & ICKAS 2026

Asia-Pacific Knee, Arthroscopy, Arthroplasty, Shoulder, and Sports Medicine Society
in conjunction with 2026 Annual International Congress of the Korean Arthroscopy Society

September 10 (Thu) - 12 (Sat). 2026 Grand Hyatt, Incheon, Korea

1. Shiyi Chen, Jiwu Chen, Jingzhen Yang, Selections from Recent Chinese Language Journals, *AJSM*, 2011 39(12) ,2697-2698
2. Chen Shiqiu, Jiwu Chen, Shiyi Chen, et al. Effects ShRNA-mediated Gene Silencing Smad4 on the Myofibrogenesis of C2C12 Myoblasts, *Chinese Journal of Sports Medicine*, 2011, 30(12): 1100-1105
3. Ziyang Wu, Jiwu Chen, Shiyi Chen, et al. Arthroscopic femoral osteoplasty for cam-type femoroacetabular impingement, *Chin J Orthop*, 2012,32(2):132-137
4. Wei Yao, YH Hua, Shiyi Chen. The comparison of effectiveness of EMS Shock waver therapy on Insertional or Non-insertional Achilles tendinopathy, *Chinese Journal of Sports Medicine*, 2012, 31(1):59-61
5. Hong Li, Zhenjun Yao, Jia Jiang, Shiyi Chen, Biologic Failure of a Ligament Advanced Reinforcement System Artificial Ligament in Anterior Cruciate Ligament Reconstruction: A Report of Serious Knee Synovitis , *Arthroscopy: The Journal of Arthroscopic and Related Surgery*, Vol 28, No 4 (April), 2012: pp 583-586
6. Hongyun Li, Shiyi Chen, Jian Zhang, et al. The Effect of Astragaloside and Tanshinone IIA on the Expression of Embryonic Myosin Heavy Chain and Vimentin following Acute Skeletal Muscles Contusion in Rats, *Chinese Journal of Sports Medicine*, 2012, 31(1):59-61
7. Shurong Zhang, Jiarui Chen, Shiyi Chen, et al. Sports Injury and Illnesses in the 2011 FINA World Championships, *Chinese Journal of Sports Medicine*, 2012, 31(3):221-225
8. Hong Li, Hongyue Tao, Samson Cho, Shuang Chen, Zhenjun Yao, Shiyi Chen. Difference in Graft Maturity of the Reconstructed Anterior Cruciate Ligament 2 Years Postoperatively, A Comparison Between Autografts and Allografts in Young Men Using Clinical and 3.0-T Magnetic Resonance Imaging Evaluation. *AJSM*, 2012, 40(4)
9. Li H, Ge Y, Zhang P, Wu L, Chen S. The Effect of Layer-by-Layer Chitosan-Hyaluronic Acid Coating on Graft-to-Bone Healing of a Poly (Ethylene Terephthalate) Artificial Ligament. *J Biomater Sci Polym Ed*.
10. Li H, Ge Y, Zhang P, Wu L, Chen SY. The Effect of Layer-by-Layer Chitosan-Hyaluronic Acid Coating on Graft-to-Bone Healing of a Poly (Ethylene Terephthalate) Artificial Ligament. *J Biomater Sci Polym Ed*. 2012.23: 23:425-438
11. Li H, Chen SY, Wu Y, Jiang J, Ge Y, Gao K, Zhang P, Wu L. Enhancement of the osseointegration of a polyethylene terephthalate artificial ligament graft in a bone tunnel using 58S bioglass. *Int Orthop*.. 2012;36(1):191-7
12. Li H, Jiang J, Ge Y, Xu J, Zhang P, Zhong W, Chen SY. Layer-by-layer hyaluronic acid-chitosan coating promoted new collagen ingrowth into a poly (ethylene terephthalate) artificial ligament in a rabbit medical collateral ligament (MCL) reconstruction model. *J Biomater Sci Polym Ed*. 2012
13. Li H, Jiang J, Wu Y, Chen SY. Potential mechanisms of a periosteum patch as an effective and favourable approach to enhance tendon-bone healing in the human body. *Int Orthop*. 2012;36(3):665-9.
14. Li H, Chen C, Zhang S, Jiang J, Tao H, Xu J, Sun J, Zhong W, Chen SY. The use of layer-by-layer self assembled coatings of hyaluronic acid and cationized gelatin to improve the biocompatibility of poly (ethylene terephthalate) artificial ligaments for the reconstruction of anterior cruciate ligament. *Acta Biomaterial*. 2012. DOI: 10.1016/j.actbio.2012.07.008
15. Hua Y, Chen SY, Jin Y, et al. Anatomical reconstruction of the lateral ligaments of the ankle with semitendinosus allograft. *Int Orthopedic*, 2012 Jun 22
16. Wu Z, Hua YH, Li Y, Shiyi Chen et al. Endoscopic treatment of Haglund's syndrome with a three-portal technique. *Int Orthop* 2012 36:1623-1627
17. Xiliang Shang, Yuanyuan Bao, Shiyi Chen, Huimin Ren, He Huang, Yunxia Li. Expression and purification of TAT-fused carbonic anhydrase III and its effect on C2C12 cells apoptosis induced by hypoxia/reoxygenation. *Archives of Medical Science*, (IF1.2) 21
18. Xiliang Shang, Jiawen Zhang, Jiwu Chen, Yunxia Li, Shiyi Chen. Features of acetabular labral tears on X-ray, MRI and hip arthroscopy. *Archives of Medical Science* 185.
19. Xiliang Shang, Chen Shiyi, Yunxia Li. Application of Hyluronic acid in Sports Medicine. *Shanghai Medical & Pharmaceutical Journal*. 2012.8:12-15
20. Gao Kai, Yunxia Li, Chen Shiyi, Research progress of osteoporosis drug treatment, *Shanghai Medical & Pharmaceutical Journal*. 2012.8:16-18
21. Li Hongyun, Chen Jiwu, Chen Shiyi, The Effect of Smad4 Small Interfering RNAs in Injured Mouse Skeletal Muscle after Acute Contusion, *Chinese Journal of Sports Medicine*, 2012, 31(7):569-576 188.

APKASS 2026 Korea & ICKAS 2026

Asia-Pacific Knee, Arthroscopy, Arthroplasty, Shoulder, and Sports Medicine Society
in conjunction with 2026 Annual International Congress of the Korean Arthroscopy Society

September 10 (Thu) - 12 (Sat). 2026 Grand Hyatt, Incheon, Korea

22. Wu Yang, Chen Shiyi. The effect of Genda on athletics ACL injury, *Chin J Orthop Trauma*, 2012, 14(5): 447-449
23. Wu Yang, Chen Shiyi. Effect of polyethylene terephthalates coated with bioactive glass on osteoblastic proliferation and cytoactivity in vitro, *Chin J Exp Surg*, 2012, 29(7): 1259-1261
24. Wu Yang, Chen Shiyi. Effects of bioglass-modified polyethylene terephthalate materials on bone healing, *Chinese Orthopedic Journal*, 2012
25. Chen Shiyi, Xiao Honghu. Several key problems of arthroscopic repair of massive rotator cuff tears, *Chinese Orthopedic Journal of Clinical and Basic Research*, 2012(4):86-89
26. Jianjun Yang, Jia Jiang, Chen Shiyi, Research progress of ligamentization after anterior cruciate ligament reconstruction, *Int J Orthop*, No.25,2012. Vol 33:389-391
27. Hong Li, Chengtie Wu, Jiang Chang, Yunshen Ge and Chen Shiyi. Functional Polyethylene Terephthalate with Nanometer-Sized Bioactive Glass Coatings Stimulating In Vitro and In Vivo Osseointegration for Anterior Cruciate Ligament Reconstruction. Article first published online: 9 APR 2014, DOI: 10.1002/admi. 201400027, 2014 WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim
28. Gao K, Hua YH, Chen Shiyi. Arthroscopic excision of juxta-articular cancellous osteoid osteoma in the talar neck, *Knee Surg Sports Traumatol Arthrosc*, 2013, 21:1300-1303.
29. Li Hong, Chen SY, Layer-by-layer hyaluronic acid-chitosan coating promoted new collagen ingrowth into a poly (ethylene terephthalate) artificial ligament in a rabbit medial collateral ligament (MCL) reconstruction model. *J Biomater Sci Polym Ed*. 2013, 24(4):431-46
30. Li Hong, Chen SY, Quantitative magnetic resonance imaging assessment of cartilage status: a comparison between young men with and without anterior cruciate ligament reconstruction. *Arthroscopy*. 2013;29 (12):2012-9
31. Hua YH, Chen SY, Arthroscopic treatment for posterior tibial tendon lesions with a posterior approach. *Knee Surg Sports Traumatol Arthrosc*. 2013 Aug 24
32. Cao SC, Chen SY, Cationised gelatin and hyaluronic acid coating enhanced polyethylene terephthalate artificial ligament graft osseointegration in porcine bone tunnels, *International Orthopaedics*, 2013, 37:507-513 IF2.319
33. Hang SR, Li YX, Chen SY, Delayed Early Passive Motion Is Harmless to Shoulder Rotator Cuff Healing in a Rabbit Model, *AJSM*, Vol41, No.8, 2013:1885-1892
34. Li H, Chen C, Ge Y, Chen SY, Spray painted human fibronectin coating as an effective strategy to enhance graft ligamentization of a polyethylene terephthalate artificial ligament. *Biotechnol Lett*. 36(5):1079-88. 2014.(IF1.736)
35. Chen C, Li H, Guo c, Chen SY, Preparation and In Vitro Evaluation of a Biomimetic Nanoscale Calcium Phosphate Coating on a Poly (ethylene terephthalate) Artificial Ligament. *Experimental and Therapeutic Medicine*.ETM-3452-E131045. 2014
36. Hong Li, Chengtie Wu, Jiang Chang, Yunshen Ge, Chen SY, Functional Polyethylene Terephthalate with Nanometer-Sized Bioactive Glass Coatings Stimulating In Vitro and In Vivo Osseointegration for Anterior Cruciate Ligament Reconstruction, *Advanced Materials Interfaces*, 2014, 1, 5
37. Ge Y, Li H, Tao H, Hua Y, Chen J, Chen SY. Comparison of tendon-bone healing between autografts and allografts after anterior cruciate ligament reconstruction using magnetic resonance imaging. *Knee Surg Sports Traumatol Arthrosc*. 2014
38. Li H, Chen SY. Posttraumatic knee osteoarthritis after anterior cruciate ligament injury: potential biochemical mediators of degenerative alteration and specific biochemical markers. *Biomedical Reports*. 2014. 22
39. Li H, Chen SY. Biomedical coatings on polyethylene terephthalate artificial ligaments. *J Biomed Mater Res A*. 2014 May 13. doi: 10.1002/jbm.a.35218
40. Hong Li, Shuang Chen, Hongyue Tao, Hongyun Li, Chen SY. Correlation analysis of potential factors influencing graft maturity after anterior cruciate ligament reconstruction. *Ortho j sports med*. 2014.2 (10)
41. Li H, Chen S, Tao H, Chen S. Quantitative magnetic resonance imaging T2 relaxation time evaluation of knee cartilage: comparison of meniscus intact or injured knees after anterior cruciate ligament reconstruction. *Am j sports med*.2014. DOI: 10.1177/0363546514564151 Jessica JJ, Chen SY. Enhancement of osseointegration of polyethylene terephthalate artificial ligament by coating of silk fibroin and depositing of hydroxyapatite, *International journal of nanomedicine* 2014; 9 4569 80(IF 4.195)
42. Wu Yang, Dong Yu, Chen Shiyi, et al, Effect of Platelet-Rich Plasma and Bioactive Glass Powder for the Improvement of Rotator Cuff Tendon-to-Bone Healing in a Rabbit Model, *Int J Mol Sci*,2014,15,21980-

APKASS 2026 Korea & ICKAS 2026

Asia-Pacific Knee, Arthroscopy, Arthroplasty, Shoulder, and Sports Medicine Society
in conjunction with 2026 Annual International Congress of the Korean Arthroscopy Society

September 10 (Thu) - 12 (Sat). 2026 Grand Hyatt, Incheon, Korea

-
- 21991
43. Hua Yinghui, Li Yunxia, Chen Shiyi, Efficiency of arthroscopic subtalar arthrodesis in treatment of terminal subtalar arthritis, VOL.37,2015,207-210
 44. Li Hong, Chen Chen, Chen SY, Posttraumatic knee osteoarthritis following anterior cruciate ligament injury: Potential biochemical mediators of degenerative alteration and specific biochemical markers (Review), BIOMEDICAL REPORTS 3:147-151, 2015
 45. Li H, Chen SY, et al. Mussel-Inspired Artificial Grafts for Functional Ligament Reconstruction. ACS Appl Mater Interfaces. 2015, 7(27):14708-19. (IF=6.723)
 46. Li H, Chen S, et al. Remnant Repair-enhanced Polyethylene Terephthalate Artificial Ligament Graft Ligamentization. Int J Sports Med.2015; 36:1-6. (IF= 2.065)
 47. Li H, Chen SY, et al. Osteochondral repair with synovial membrane derived mesenchymal stem cells. Mol Med Rep. 2015. (IF=1.554)
 48. Jiang Jia, Chen SY, et al. surface modification of nano-silica on the ligament advanced reinforcement system for accelerated bone formation: primary human osteoblasts testing in vitro and animal testing in vivo, Nanoscale 2015, 7, 8071-8075(IF=7.39)
 49. Hua Y, Chen SY, Li Y, Wu Z. Arthroscopic treatment for posterior tibial tendon lesions with a posterior approach. Knee Surg Sports Traumatol Arthrosc. 2015, 23(3):879-83(IF=2.676)
 50. Shang XL, Chen SY. The risk factors and surgical technique analysis of rotator cuff retear after arthroscopic repair. Journal of Orthopaedics. 2015, 7(1):37-46
 51. Tianwu Chen, Jia Jiang, Shiyi Chen. Status and headway of the clinical application of artificial ligaments. Asia Pacific Knee, Arthroscopy and Sports Medicine Society, Vol. 2, Issue 1: 15-26
 52. Chen Chen, Hong Li, Shiyi Chen. Preparation and in vitro evaluation of a biomimetic nanoscale calcium phosphate coating on a polyethylene terephthalate artificial ligament, EXPERIMENTAL AND THERAPEUTIC MEDICINE 12:302-306, 2016
 53. Jiwu Chen, Kai Gao, Shiyi Chen, Arthroscopic excision of giant cell tumour of the tendon sheath in the knee mimicking patellar tendinopathy: A case report, Oncology letters, 2016 May 11 (5): 3543-5, IF =1.482
 54. Yinghui Hua, Shiyi Chen, Arthroscopic treatment for posterior tibial tendon lesions with a posterior approach, Knee surgery, sports traumatology, arthroscopy: 2015 Mar; 23 (3): 879-83, IF=3.053 222.
 55. Shang Xiliang, Chen Shiyi, Observation of CAIII catalase and peroxidase activity, China Science and Technology Papers Online Excellent Paper 2016,9(17):1748-52
 56. Jun Chen, Shiyi Chen, Yunxia Li, Direct water-phase synthesis of lead sulphide quantum dots encapsulated by β -lactoglobulin for in vivo second near infrared window imaging with reduced toxicity, Chemical communications 2016 Mar 14; 52 (21): 4025-8, IF =6.567
 57. Yunlong Zhi, Shiyi Chen, Electrospun silk fibroin mat enhances tendon-bone healing in a rabbit extra-articular model, Biotechnology letters 2016 Oct ; 38 (10): 1827-35, IF=1.639 23
 58. Jun Chen, Shiyi Chen, Highly Fluorescent Ribonuclease-A-Encapsulated Lead Sulfide Quantum Dots for Ultrasensitive Fluorescence in Vivo Imaging in the Second Near-Infrared Window, Chemistry of materials 2016 May 10; 28 (9): 3041-50, IF=9.407
 59. Peng Zhang, Shiyi Chen, Local delivery of controlled-release simvastatin to improve the biocompatibility of polyethylene terephthalate artificial ligaments for reconstruction of the anterior cruciate ligament, International journal of nanomedicine, 2016 Jan 27; 11 465-78, IF=4.32
 60. Hong Li, Shiyi Chen, MRI-based ACL graft maturity does not predict clinical and functional outcomes during the first year after ACL reconstruction, Molecular Medicine Reports 2016, 13(3):2071-7, IF=1.559
 61. Jun Chen, Shiyi Chen, Preparation and In Vitro Evaluation of a Biomimetic Nanoscale Calcium Phosphate Coating on a Poly (ethylene terephthalate) Artificial Ligament, Biomaterials, 2016 Oct; 103 256-64, IF=8.387 229.
 62. Jun Chen, Shiyi Chen, Yunxia Li, Recycled Synthesis of Whey-Protein-Capped Lead Sulphide Quantum Dots as the Second Near-infrared Reporter for Bioimaging Application, ACS Sustainable Chem Eng, 2016, 4, 2932-8, IF=5.267
 63. Jessica J Jiang, Shiyi Chen, The study on vascularisation and osteogenesis of BMP/VEGF co-modified tissue engineering bone in vivo, Resc Advances 2016, 6(48):41800-8, IF=3.289
 64. Shang Xiliang, Chen Shiyi, Construction of carbonic anhydrase III-siRNA lentiviral vector and transfection of L6 cells, China Science and Technology Papers Online 2016,1-10
 65. Shang Xiliang, Chen Shiyi, Construction of carbonic anhydrase III recombinant lentiviral overexpression
-

APKASS 2026 Korea & ICKAS 2026

Asia-Pacific Knee, Arthroscopy, Arthroplasty, Shoulder, and Sports Medicine Society
in conjunction with 2026 Annual International Congress of the Korean Arthroscopy Society

September 10 (Thu) - 12 (Sat). 2026 Grand Hyatt, Incheon, Korea

-
- vector and its expression in L6 cells, China Science and Technology Papers Online 2016,1-8
66. Zhu Wenhui, Chen Shiyi, Research progress of topical NSAIDs in the treatment of musculoskeletal pain, Chinese Journal of Sports Medicine 2016 Jun; 35(5): 512 ~ 4
 67. Zhang Peng, Chen Shiyi, Research progress on tissue engineered ligaments, Chinese Journal of Sports Medicine 2016, 34(4): 409-14
 68. Dong Yu, Chen Shiyi, Improvement of arthroscopic technique is helpful for precise treatment of knee injury, Chinese Journal of Orthopaedics 2017.Apr(30):293-294
 69. Achillesas Boutsiadis, Shiyi Chen, Chunyan Jiang, Hubert Lenoir, Philippe Delsol, Johannes Barth, Long head of the Biceps as a suitable available local tissue autograft for superior capsular reconstruction: "the Chinese Way", Arthroscopy Techniques, 2017.6.30.
 70. Chen Tianwu, Chen Shiyi: Vigorously develop sports rehabilitation to benefit the majority of sports people, Rehabilitation. International Clinical and Rehabilitation Medicine, 2017.8(C):15-18 238.
 71. Chen Shiyi, Shang Xiliang: Review and Prospect of the Development of Sports Medicine in Shanghai - Talking about the 60th Anniversary of the Development of Sports Medicine in China, Shanghai Medical Journal, 2017.6., 40: 327-332
 72. Ai Chengchong, Chen Shiyi, Application and basic research progress of ultra-high molecular weight polyethylene in the field of orthopaedics, Fudan Journal (Medical Edition) 2017, 43(6):717-23 240.
 73. Ai Chengchong, Chen Shiyi, The biological mechanism of osteolysis around hip prosthesis, Chinese Journal of Orthopaedics 2017, 37(7):441-8
 74. Cai Jiangyu, Chen Shiyi, Progress of proteomics-related technologies in the study of exercise-induced skeletal muscle remodelling, Chinese Journal of Sports Medicine 2017, 36 (5), 456-9
 75. Cai Jiangyu, Chen Shiyi, Bioinformatics analysis of gene chip data related to early model of osteoarthritis induced by anterior cruciate ligament amputation combined with meniscectomy, Chinese Journal of Sports Medicine, 2017, 36(9)788-792
 76. Cai Jiangyu, Chen Shiyi, Experimental study on the effect of silk fibroin/poly(lactic acid-polycaprolactone) nanofiber scaffold on rabbit tendon-bone healing, Chinese Journal of Repair and Reconstruction Surgery 2017, 31 (8), 957-62
 77. Chai Fang, Chen Shiyi, Research progress of biotherapeutic technology to promote tendon-bone healing of anterior cruciate ligament, Chinese Journal of Sports Medicine 2017, 35(4):372-7 24
 78. Chen Yuzhou, Chen Shiyi, Research progress on re-tear after rotator cuff repair, Chinese Journal of Orthopaedics 2017, 37 (3): 173-82
 79. Yuzhou Chen, Shiyi Chen, A Long Preoperative Duration of Symptoms Is Associated With Worse Functional Outcomes After 1-Stage Arthroscopic Treatment of Rotator Cuff Tears With Shoulder Stiffness, The American journal of sports medicine 2017 Aug; 45 (10): 2336-44, IF=5.673
 80. Hong Li, Shiyi Chen, An osteogenesis/angiogenesis-stimulation artificial ligament for anterior cruciate ligament reconstruction, Acta biomaterialia 2017 May; 54 399-410, IF6.319
 81. Tianwu Chen, Shiyi Chen, Long-Term Outcomes of Anterior Cruciate Ligament Reconstruction Using Either Synthetics With Remnant Preservation or Hamstring Autografts: A 10-Year Longitudinal Study. The American journal of sports medicine 2017 Oct; 45 (12): 2739-50, IF=5.673
 82. Peng Zhang, Yunlong Zhi, Shiyi Chen, The effects of polyvinylpyrrolidone-iodine on tendon-bone healing in a rabbit extra-articular model. Experimental and therapeutic medicine 2017 Jun; 13 (6): 2751-6, IF= 1.261
 83. Yang Wu, Shiyi Chen, Evaluation of the Bone-ligament and tendon insertions based on Raman spectrum and its PCA and CLS analysis, Scientific reports 2017 Jan 31; 7 38706, IF 4.259
 84. Xiliang Shang, Shiyi Chen, A meta-analysis comparing tenotomy and tenodesis for treating rotator cuff tears combined with long head of the biceps tendon lesions, PloS one 2017;12 (10): e0185788, IF =2.806
 85. Tianwu Chen, Shiyi Chen, Translation, cultural adaptation and validation of simplified Chinese version of the anterior cruciate ligament return to sport after injury (ACL-RSI) scale., PloS one 2017; 12 (8): e0183095, IF= 2.806
 86. 陈世益、王坤正 , 玻璃酸钠在骨科与运动医学相关疾病中的应用于专家共识 (2017年修订版) , 共识来源 : 中国医师协会骨科医师分会运动医学专业委员会, 中国医学前沿杂志 (电子版) , 2017,9 (11) : 1-8
 87. Chengchong Ai, Shiyi Chen, Surface modification of vascular endothelial growth factor-loaded silk fibroin to improve biological performance of ultra-high-molecular-weight polyethylene via promoting
-

APKASS 2026 Korea & ICKAS 2026

Asia-Pacific Knee, Arthroscopy, Arthroplasty, Shoulder, and Sports Medicine Society
in conjunction with 2026 Annual International Congress of the Korean Arthroscopy Society

September 10 (Thu) - 12 (Sat). 2026 Grand Hyatt, Incheon, Korea

-
- angiogenesis, International journal of nanomedicine 2017; 12 7737-50, IF=4.3
88. Chengchong Ai, Shiyi Chen, Effect of PET graft coated with silk fibroin via EDC/NHS crosslink on graft-bone healing in ACL reconstruction, RSC ADV 2017,7:51303-12, IF= 3.108
 89. Jiangyu Cai, Yimeng Yang, Shiyi Chen, Bone Marrow Stem Cells-Seeded Polyethylene Terephthalate Scaffold in, Artificial organs 2018 Nov ; 42 (11): 1086-94, IF=2.111
 90. Hong Li, Shiyi Chen, Large Critical Shoulder Angle Has Higher Risk of Tendon Rtear After Arthroscopic Rotator Cuff Repair, The American journal of sports medicine 2018 Jul; 46 (8): 1892-900, IF=6.057
 91. Jiangyu Cai, Shiyi Chen, Silk fibroin and hydroxyapatite segmented coating enhances graft ligamentization and osseointegration processes of the polyethylene terephthalate artificial ligament in vitro and in vivo, Journal of Materials Chemistry B 2018, 6, 5738-49, IF=4.776
 92. Jiangyu Cai, Shiyi Chen, The Effect of Remnant Preservation on Tibial Tunnel Enlargement in Anterior Cruciate Ligament Reconstruction with Polyethylene Terephthalate Artificial Ligament in a Large Animal Model, Journal of Knee Surgery 2018, IF=2.079
 93. Jiangyu Cai, Shiyi Chen, Dual-layer aligned-random nanofibrous scaffolds for improving gradient microstructure of tendon-to-bone healing in a rabbit extra-articular model. IF=4.37
 94. Ding Xiaoquan, Chen Shiyi, Research progress of porous tantalum in bone tissue engineering, Chinese Journal of Rehabilitation and Reconstruction Surgery 2018,32(6):753-41
 95. Gao Kai, Chen Shiyi, Arthroscopic synovectomy combined with radiotherapy in the treatment of diffuse pigmented villonodular synovitis of the ankle, Chinese Journal of Sports Medicine 2018, 37(6): 479-82
 96. Sheng Dandan, Chen Shiyi, Application progress of arthroscopic treatment of shoulder osteoarthritis, Chinese Journal of Sports Medicine 2018, 37(12): 1117-21 264. Sheng Dandan, Chen Shiyi, Effects of hydroxyapatite/gelatin-coated PET artificial ligament on bone healing, Chinese Journal of Sports Medicine 2018, 37(5): 400-5
 97. Chen Shiyi, Purpose of Sports Medicine: Pursuing Function First and Returning to Sports-Further Improving the Level of Sports Medicine Diagnosis and Treatment in my country, Orthopedics 2018, 9(3): 1-3 25.
 98. Chen Shiyi, Sixty years of trials and hardships - the new road of sports medicine in Huashan Hospital of Fudan University, Chinese Journal of Sports Medicine 2018, 37(11): 969-974 267.
 99. Yunlong Zhi, Shiyi Chen, Silk enhances the ligamentization of the polyethylene terephthalate artificial ligament in a canine anterior cruciate ligament reconstruction model, Artificial Organs,2019,43, E94-108
 100. Jiang Fangyi, Chen Shiyi, A systematic review of bone tunnel sites in isometric reconstruction of anterior cruciate ligament, Chinese Journal of Orthopedics, June 2019, Vol. 39, No. 11, 707-716
 101. Shang Xiliang, Lv Jingyi, Chen Jixi, Li Hong, Ge Yunshen, Chen Shiyi, Arthroscopic biceps long head tendon transposition and fixation as an alternative to upper joint capsule reconstruction (chinese way) for repair of huge and irreparable shoulders Clinical efficacy of sleeve tear, Chinese Journal of Sports Medicine, 2019.38(8); 652~ 657
 102. Cao Li, Zhao Xingfei, Zhang Jian, Chen Shiyi, A randomized controlled study on the safety and comfort of semi recumbent beach chair patients after knee arthroscopy under general anaesthesia, Chinese Journal of Sports Medicine, 2019.38(8); 700-703
 103. Jiangyu Cai, Shiyi Chen, Kartogenin and Its Application in Regenerative Medicine, Curr Med, 2019, 39(1):16-20. IF=0.957
 104. Jiangyu Cai, Shiyi Chen, Silk fibroin coating through EDC/NHS crosslink is an effective method to promote graft remodeling of a polyethylene terephthalate artificial ligament. J Biomater Appl, 2019, 33(10):1407-1414. IF=2.442
 105. Shanhua Ding, Shiyi Chen, Arthroscopic Superior Capsular Reconstruction Using "Sandwich" Patch Technique for Irreparable Rotator Cuff Tears, Arthroscopy Techniques, Vol 8, No 9 (September), 2019: pp e953-e959, IF=1.04
 106. Yimeng Yang, Shiyi Chen, Visualizing the Fate of Intra-Articular Injected Mesenchymal Stem Cells In Vivo in the Second Near-Infrared Window for the Effective Treatment of Supraspinatus Tendon Tears AdvSci (Weinh). 2019;6(19):1901018. IF=15.804
 107. Yuzhou Chen, Shiyi Chen, Double-row rotator cuff repairs lead to more intensive pain during the early postoperative period but have a lower risk of residual pain than single-row repairs, Knee Surg Sports Traumatol Arthrosc. 2019;27(10):3180-3187. IF=3.149
 108. Wenbo Chen, Shiyi Chen, Conditioned medium of mesenchymal stem cells delays osteoarthritis
-

APKASS 2026 Korea & ICKAS 2026

Asia-Pacific Knee, Arthroscopy, Arthroplasty, Shoulder, and Sports Medicine Society
in conjunction with 2026 Annual International Congress of the Korean Arthroscopy Society

September 10 (Thu) - 12 (Sat). 2026 Grand Hyatt, Incheon, Korea

- progression in a rat model by protecting subchondral bone, maintaining matrix homeostasis and enhancing autophagy, *J Tissue Eng Regen Med.* 2019;1–11. IF=3.319
109. Chen Wenbo, Chen Shiyi, Research progress of applying stem cell paracrine effect in the treatment of knee osteoarthritis, *Chinese Journal of Rehabilitation and Reconstruction Surgery*, 2019, 33(11): 1446-1451
110. Yaying Sun, Shiyi Chen, Stem Cell-Conditioned Medium Promotes Graft Remodelling of Mid-substance and Intratunnel Incorporation After Anterior Cruciate Ligament Reconstruction in a Rat Model, *Am J Sports Med.* 2019 Aug;47(10):2327-2337, IF=6.057
111. Sijia Feng, Shiyi Chen, Outcomes for Arthroscopic Repair of Combined Bankart/SLAP Lesions in the Treatment of Anterior Shoulder Instability: A Systematic Review and Meta-analysis, *Orthop J Sports Med.* 2019 Oct 31;7(10):2325967119877804. IF=2.589
112. Feng Sijia, Chen Shiyi, Research progress on the application of silk biomaterials in the musculoskeletal system, *Chinese Journal of Sports Medicine* 2019;38(07):617-623.
113. Xinwang Liu, Shiyi Chen, "Biocompatibility evaluation of antibacterial Ti–Agalloys with nanotubular coatings" *International Journal of Nanomedicine* 2019;14 457–468, IF=4.47
114. Xiaoquan Ding, Shiyi Chen, Encapsulation of a nanoporous simvastatin-chitosan composite to enhance osteointegration of hydroxyapatite-coated polyethylene terephthalate ligaments, *Int J Nanomedicine* 2019;14:4881-93. IF=4.47
115. Yu Dong, Shiyi Chen, Hydroxypropylcellulose Coating to Improve Graft-to-Bone Healing for Anterior Cruciate Ligament Reconstruction, *ACS Biomater. Sci. Eng.* IF=4.511
116. Dangdan Sheng, Shiyi Chen, Electrospun PCL/Gel-aligned scaffolds enhance the biomechanical strength in tendon repair, *J Mater Chem B.* 2019, 7(31), 4801-4810. IF=5.047
117. Tianwu Chen, Shiyi Chen, Radiographic Osteoarthritis Prevalence Over Ten Years After Anterior Cruciate Ligament Reconstruction, *Int J Sports Med*, 2019, 40(11): 683-695. IF=2.132 286.
118. Li H, Chen Y, Chen S. Postoperative residual pain is associated with a high magnetic resonance imaging (MRI) based signal intensity of the repaired supraspinatus tendon. *Knee Surg Sports Traumatol Arthrosc.* 2019. doi: 10.1007/s00167-019-05651-8. IF=3.149
119. Li H, Chen Y, Chen S. Enhancement of rotator cuff tendon-bone healing using bone marrow-stimulating technique along with hyaluronic acid. *J Orthop Translat.* 2019 Jan 28;17:96-102. IF=3.063 288.
120. SH Ding, Yunshen Ge, Shiyi Chen, Arthroscopic Superior Capsular Reconstruction Using "Sandwich" Patch Technique for Irreparable Rotator Cuff Tears, *Arthroscopy techniques*, 2019 Sep ; 8 (9): e953-9
121. Wenbo Chen, Bone–Patellar Tendon–Bone Autografts Versus Hamstring Autografts Using the Same Suspensory Fixations in ACL Reconstruction: A Systematic Review and Meta-analysis, *The Orthopaedic Journal of Sports Medicine.* 2019 Oct ; 7(11), 2325967119885314, IF=3.2
122. Shaohua Liu, Yuxue Xie, Qingyan Chen, Shiyi Chen, et al. Tendon Healing Progression Evaluated With Magnetic Resonance Imaging Signal Intensity and Its Correlation With Clinical Outcomes Within 1 Year After Rotator Cuff Repair With the Suture-Bridge Technique, *Am J Sports Med.* 2020;48(3):697–705, IF=6.057
123. Fang Wan, Tianwu Chen, Yunshen Ge, Peng Zhang, Shiyi Chen, Effect of Nearly Isometric ACL Reconstruction on Graft-Tunnel Motion: A Quantitative Clinical Study, *The Orthopaedic Journal of Sports Medicine.* 7(12), <https://doi.org/10.1177/2325967119890382>, Dec. 31, 2019, IF=3.1
124. Guanghua Lei, Shiyi Chen, et al, Expert consensus on clinical practice of arthroscopy of day surgery, *Chinese Journal of Endoscopy*, Guanghua Lei, Shiyi Chen (Corresponding author), et al, Expert consensus on clinical practice of arthroscopy of day surgery, *China J Endoscopy*, 2020. 26(6): 1-6
125. Shiyi Chen, et al, The indication of new generation artificial ligaments in anterior cruciate ligament reconstruction: Chinese expert consensus based on modified Delphi, *Chinese Journal of Orthopaedics*, , 2020, 40(08):488-495
126. Chen Shiyi, Li Guoping, Ao Yingfang, Liu Yujie, Feng Hua, Patrick SH Yong, Li Jian: Function first, early rehabilitation and return to sports are the soul of orthopaedic sports medicine, (Special Comment), 2020, 39(5):1-2
127. Xingyu Zhang, Jun Chen, Qin Jiang, Xiaoquan Ding, Yunxia Li, Chen Chen, Wuli Yang and Shiyi Chen, "Highly biosafe biomimetic stem cell membrane-disguised nanovehicles for cartilage regeneration", *Journal of Materials Chemistry B*, 2020, Just Accept. (IF=5.3)
128. Jun Chen, Sijia Feng, Mo Chen, Pei Li, Yimeng Yang, Jian Zhang, Xiaogang Xu, Yunxia Li, Shiyi Chen. In vivo Dynamic Monitoring of Bacterial Infection by NIR-II Fluorescence Imaging” *Small*, 2020, Just

APKASS 2026 Korea & ICKAS 2026

Asia-Pacific Knee, Arthroscopy, Arthroplasty, Shoulder, and Sports Medicine Society
in conjunction with 2026 Annual International Congress of the Korean Arthroscopy Society

September 10 (Thu) - 12 (Sat). 2026 Grand Hyatt, Incheon, Korea

Accept. (IF=10.8)

129. Mo Chen, Sijia Feng, Yimeng Yang, Yunxia Li, Jian Zhang, Shiyi Chen, Jun Chen. Tracking the in vivo spatio temporal patterns of neovascularization via NIR-II fluorescence imaging, Nano Research, 2020, Just Accept. (IF=8.3)
130. Xiaoquan Ding, Shiyi Chen, Cell-Free Bilayered Porous Scaffolds for Osteochondral Regeneration Fabricated by Continuous 3D-Printing Using Nascent Physical Hydrogel as Ink, Adv Healthc Mater. 2020 Nov 23;e2001404 , (IF7.367)
131. Chen jun, Sijia Feng, Mo chen, Yunxia li, Shiyi Chen. In Vivo Dynamic Monitoring of Bacterial Infection by NIR-II Fluorescence Imaging, Small 2020 Aug; 16 (34): e2002054 IF=11.46
132. Feng shijia, Xie yuexue, Chen shiyi, Relationship Between Age at Initial Shoulder Instability and Overall Outcomes After Arthroscopic Bankart Repair , Orthopaedic Journal of Sports Medicine 2020 ; 8(11), 2325967120964881, (IF=2.5)
133. Chen Yuzhou, Jinag Fangyi, Chen shiyi, Retears and concomitant functional impairments after rotator cuff repair: Shoulder activity as a risk factor, The American journal of sports medicine 2020 Mar; 48 (4): 931-8, (IF=5.3)
134. Chen Tianwu, Chen Shiyi, Artificial ligament for anterior cruciate ligament repair and reconstruction: current products and experience, Chinese Journal of Rehabilitation and Reconstruction Surgery 2020 Jan ; 34(1): 1-9
135. Zhong Yuting, Chen Jun, Chen Shiyi, Epidemiological study on arch index and flat feet of school-aged children in Shanghai, China School Health 2020 Sep;41(9):1358-64
136. Chen Tianwu, Chen Shiyi, Preliminary study on sports injuries in children's football training in my country: based on a cross-sectional study of 992 players aged 6-9, Sports Science Research 2020;41(6):69-75
137. Chen Tianwu, Chen Shiyi, Getting out of the historical misunderstanding of artificial ligament reconstruction for anterior cruciate ligament: Summarizing China's successful experience, China Medical Frontiers (Electronic Edition) 2020;12(9): 1-7
138. Chen Tianwu, Chen Shiyi: Differences in return to sports after reconstruction of anterior cruciate ligament with artificial ligament or autologous hamstring tendon: a paired design study, Sports Science Research 2020;41(5):51 7
139. Chen Shiyi, et al. Expert consensus on clinical drug treatment of osteoarthritis, Chinese Journal of Medical Frontiers, 2021, Vol. 13, No. 7
140. Li H, Jiang F, Ge Y, Wan F, Li HY, Chen SY, Differences in artificial ligament graft osseointegration of the anterior cruciate ligament in a sheep model: a comparison between interference screw and cortical suspensory fixation, Annals of translational medicine, 2021 Sep ; 9 (17): 1370 IF=3.93
141. Sijia Feng, Shiyi Chen, Patient Outcomes and Fear of Returning to Sports After Arthroscopic Bankart Repair With Remplissage, Orthopaedic Journal of Sports Medicine, 2021 Apr 29; 9(4):23259671211001775, IF=2.72
142. Shang Xiliang, Chen Shiyi, A biomechanical and clinical study on the treatment of giant irreparable rotator cuff tears with joint capsule reconstruction on the transposition of the long head of the bicep's tendon, Chinese Journal of Orthopedics, 2021 May;41(9):559 -567
143. Zhang Xingyu, Chen Shiyi, Repair and regeneration of articular cartilage: Research progress in drug delivery from cells to biomimetic scaffolds, Chinese Journal of Sports Medicine, 2021 Jan;40(1):67-72
144. Wenbo Chen, Shiyi Chen, An interference screw made using a silk fibroin-based bulk material with high content of hydroxyapatite for anterior cruciate ligament reconstruction in a rabbit model, Journal of Materials Chemistry B, 2021 Jul 7;9(26):5352-5364 IF=6.33
145. Wenbo Chen, Shiyi Chen, Conditioned medium of human bone marrow-derived stem cells promotes tendon bone healing of the rotator cuff in a rat model, Biomaterials, 2021 Apr; 271:120714 IF=12.47
146. Xinyu Zhang, Shiyi Chen, Magnetic nanocarriers as a therapeutic drug delivery strategy for promoting pain related motor functions in a rat model of cartilage transplantation, Journal of materials science-Materials in medicine, 2021 Mar 31;32(4):37 IF=3.89
147. Shiyi Chen, Osteogenesis and angiogenesis of a bulk metallic glass for biomedical implants, Bioactive materials, 2022 Feb; 8 253-266 IF=14.59
148. Yang Wu, Shiyi Chen, Preparation and Properties of Antibacterial Polydopamine and Nano-Hydroxyapatite Modified Polyethylene Terephthalate Artificial Ligament, Frontiers in Bioengineering and Biotechnology, 2021 Mar 31;9:630745 IF=5.89

APKASS 2026 Korea & ICKAS 2026

Asia-Pacific Knee, Arthroscopy, Arthroplasty, Shoulder, and Sports Medicine Society
in conjunction with 2026 Annual International Congress of the Korean Arthroscopy Society

September 10 (Thu) - 12 (Sat). 2026 Grand Hyatt, Incheon, Korea

149. Mo Chen, Shiyi Chen, Sex-Based Differences in Clinical Outcomes After Arthroscopic Anterior Shoulder Stabilization: Results at 5-Year Follow-up, *Orthopaedic Journal of Sports Medicine*, 2021 May, 20;9(5):23259671211008841 IF=2.72
150. Sijia Feng, Shiyi Chen, Real-Time In Vivo Detection and Monitoring of Bacterial Infection Based on NIR-II Imaging, *Frontiers in Chemistry*, 2021 Jun 14;9:689017 IF=5.22
151. Chen Zhihang, Bi Qing, Xiang Haiqing, Shiyi Chen, et al, Analysis of the Characteristics of sports injury in previous summer Olympic games in recent 15 years, *Chinese Journal of Sports Medicine*, 2022 Feb, 41(2):89-94
152. Shiyi Chen, et al, China Artificial Ligament Study Group, Corresponding author: Chen Shiyi, Email: cshiyi@163.com, Clinical multicenter investigation and analysis of the adverse events after primary anterior cruciate ligament reconstruction using the ligament advanced reinforcement system) [J]. *National Medical Journal of China* [Natl Med J China, 2022, 102(41): 77-85. DOI: 10.3760/cma.j.cn112137-20220530-01192
153. Shiyi Chen, et al, Chinese Specialist Consensus Group on New Generation Artificial Ligaments Used for Anterior Cruciate Ligament Reconstruction, Core techniques and adverse events in anterior cruciate ligament 28 reconstruction using a new generation of artificial ligaments: Chinese specialist consensus based on a modified Delphi method,) , *CHINESE JOURNAL OF REPARATIVE AND RECONSTRUCTIVE SURGERY*, 2022, 36 (9) : 1-9. DOI:10.7507/1002-1892.202206026
154. Chen YS, Sun Y, Luo Z, Chen X, Wang Y, Qi B, Lin J, Lin WW, Sun C, Zhou Y, Huang J, Xu Y, Chen J, Chen Shiyi. Exercise Modifies the Transcriptional Regulatory Features of Monocytes in Alzheimer's Patients: A Multi Omics Integration Analysis Based on Single Cell Technology. *Front Aging Neurosci*. 2022 May 3;14:881488. doi: 10.3389/fnagi.2022.881488. PMID: 35592698; PMCID: PMC9110789. (IF=5.7)
155. Chen YS, Sun Y, Luo Z, Lin J, Qi B, Kang X, Ying C, Guo C, Yao M, Chen X, Wang Y, Wang Q, Chen J, Chen Shiyi. Potential Mechanism Underlying Exercise Upregulated Circulating Blood Exosome miR-215-5p to Prevent Necroptosis of Neuronal Cells and a Model for Early Diagnosis of Alzheimer's Disease. *Front Aging Neurosci*. 2022 May 9;14:860364. doi: 10.3389/fnagi.2022.860364. PMID: 35615585; PMCID: PMC9126031 (IF=5.7)
156. Yisheng Chen, Zhiwen Luo, Yaying Sun, Yifan Zhou, Zhihua Han, Xiaojie Yang, Xueran Kang, Jinrong Lin, Beijie Qi, Wei-Wei Lin, Haoran Guo, Chenyang Guo, Ken Go, Chenyu Sun, Xiubin Li, Jiwu Chen, Shiyi Chen, The effect of denture-wearing on physical activity is associated with cognitive impairment in the elderly: a cross sectional study based on the CHARLS database. *Front Neuroscience*. IF=5.0,
157. Chen Y, Luo Z, Lin J, Qi B, Sun Y, Li F, Guo C, Lin W, Kang X, He X, Wang Q, Chen Shiyi, Chen J. Exploring the Potential Mechanisms of *Melilotus officinalis* (L.) Pall. in Chronic Muscle Repair Patterns Using Single Cell Receptor-Ligand Marker Analysis and Molecular Dynamics Simulations. *Dis Markers*. 2022 Jun 1;2022:9082576. doi: 10.1155/2022/9082576. PMID: 35692879; PMCID: PMC9177293. (IF=3.4)
158. Feng S J, Li H Z, Chen Shiyi, Bankart Repair With Remplissage Restores Better Shoulder Stability Than Bankart Repair Alone, and Medial or Two Remplissage Anchors Increase Stability but Decrease Range of Motion: A Finite Element Analysis, *Arthroscopy: the journal of arthroscopic & related surgery*. 2022 Nov;38(11):2972-2983.e3, IF=5.973 .
159. Yisheng Chen, Zhiwen Luo, Chen Shiyi, Exercise improves choroid plexus epithelial cells metabolism to prevent glial cell-associated neurodegeneration, *Frontiers in Pharmacology*. 2022 Sep 16;13:1010785, IF=5.988
160. Yisheng Chen, Yaying Sun, Chen Shiyi, Exercise Modifies the Transcriptional Regulatory Features of Monocytes in Alzheimer's Patients: A Multi-Omics Integration Analysis Based on Single Cell Technology *Front. Aging Neurosci*. 2022 May 3;14:881488. IF=5.702
161. Yisheng Chen, Yaying Sun, Chen Shiyi, Exercise-induced IL-15 acted as a positive prognostic implication and tumor-suppressed role in pan-cancer *Frontiers in Pharmacology*. 2022 Nov 17 ; 1053137, IF=5.988
162. Yisheng Chen, Yaying Sun, Chen Shiyi, Exploring the Potential Mechanisms of *Melilotus officinalis* (L.) Pall. in Chronic Muscle Repair Patterns Using Single Cell Receptor-Ligand Marker Analysis and Molecular Dynamics Simulations *Disease Markers*. 2022 Jun 1;2022:9082576, IF=3.464

APKASS 2026 Korea & ICKAS 2026

Asia-Pacific Knee, Arthroscopy, Arthroplasty, Shoulder, and Sports Medicine Society
in conjunction with 2026 Annual International Congress of the Korean Arthroscopy Society

September 10 (Thu) - 12 (Sat). 2026 Grand Hyatt, Incheon, Korea

163. Yaying Sun, Chen Shiyi, Nanoparticle functionalization with genetically-engineered mesenchymal stem cell membrane for targeted drug delivery and enhanced cartilage protection *Biomaterials Advances*. 2022 May; 136:212802,
164. Yisheng Chen, Yaying Sun, Chen Shiyi, Potential Mechanism Underlying Exercise Upregulated Circulating Blood Exosome miR-215-5p to Prevent Necroptosis of Neuronal Cells and a Model for Early Diagnosis of Alzheimer's Disease *Front Aging Neurosci*. 2022 May 9;14:860364 IF=5.702 334.
165. Yisheng Chen, Yaying Sun, Chen Shiyi, The effect of denture-wearing on physical activity is associated with cognitive impairment in the elderly: A cross-sectional study based on the CHARLS database *Frontiers Neuroscience*. 2022 Aug 16;16:925398 , IF=5.152
166. Dandan Sheng, Chen Shiyi, Vascular Endothelial Growth Factor-Capturing Aligned Electrospun Polycaprolactone/Gelatin Nanofibers Promote Patellar Ligament Regeneration *Acta Biomater*. 1;140:233-246, IF=10.633 2022 Mar
167. Shiyi Chen, Tianwu Chen, Yinghui Hua : Development and Opportunity of Sports medicine in China, *Journal of Chinese Medicine*, 2023.103 online 29
168. Luo ZW, Sun YY, Xia W, Xu JY, Xie DJ, Jiao CM, Dong JZ, Chen H, Wan RW, Chen SY, Mei J, Mao WJ. Physical exercise reverses immuno-cold tumor microenvironment via inhibiting SQLE in non-small cell lung cancer. *Mil Med Res*. 2023 Aug 18;10(1):39. IF: 21
169. Luo ZW, Zhang T, Chen SY. Exercise Prescription: Pioneering the “Third Pole” for Clinical Health Management. *Research*. 2023;6:0284. IF: 11
170. Luo Z, Wan R, Liu S, Feng X, Peng Z, Wang Q, Chen SY, Shang X. Mechanisms of exercise in the treatment of lung cancer - a mini-review. *Front Immunol*. 2023 Aug 24;14:1244764. IF: 7.3
171. Qin H, Du L, Luo Z, He Z, Wang Q, Chen SY, Zhu YL. The therapeutic effects of low-intensity pulsed ultrasound in musculoskeletal soft tissue injuries: Focusing on the molecular mechanism. *Front Bioeng Biotechnol*. 2022 Dec 16;10:1080430. IF: 5.7
172. Li FQ, Chen WB, Luo ZW, Chen YS, Sun YY, Su XP, Sun JM, Chen SY. Bone marrow mesenchymal stem cell derived exosomal microRNAs target PI3K/Akt signaling pathway to promote the activation of fibroblasts. *World J Stem Cells*. 2023 Apr 26;15(4):248-267. IF: 4.1
173. Wan RW, Luo ZW, Yang YM, Zhang HL, Chen JN, Chen SY, Shang XL. Long head of biceps tendon transposition for massive and irreparable rotator cuff tears: A systematic review and meta-analysis. *World J Orthop* 2023; 14(11): 813-826. IF: 1.9
174. Sijia Feng, Huizhu Li, Chen SY, Yuzhou Chen, Functional and Structural Outcomes After Arthroscopic Rotator Cuff Repair With or Without Preoperative Corticosteroid Injections, *Am J Sports Med*. 2023 Mar;51(3):733-742, IF: 4.8
175. Fang Wan, Chen SY, Hierarchical helical carbon nanotube fibre as a bone-integrating anterior cruciate ligament replacement, *Nature Nanotechnology*. 2023 Sep;18(9):1085-1093, IF:38.3
176. 冯思佳、李云霞、陈世益, 运动疗法在运动系统相关疾病治疗中的应用, *中国运动医学杂志*. 2023 Jan;42(1):74-79
177. Chen TW, Chen SY. Strontium-Doped Hydroxyapatite Coating Improves Osteo/ Angiogenesis for Ameliorative Graft-Bone Integration via the Macrophage-Derived Cytokines-Mediated Integrin Signal Pathway. *ACS APPLIED MATERIALS & INTERFACES*. 16,13,15687-15700. IF: 8.3
178. Chen TW, Chen SY. Diagnosis and treatment of anterior cruciate ligament injuries: Consensus of Chinese experts part II: Graft selection and clinical outcome evaluation. *JOURNAL OF ORTHOPAEDIC TRANSLATION*. 48, 163-175, IF: 5.9
179. Chen TW, Chen SY. Four-year comparative analysis of return to sport and psychological recovery following ACL revision: Artificial ligament vs. anterior tibial tendon allograft. *JOURNAL OF ORTHOPAEDIC TRANSLATION*. 47, 29-38. IF: 5.9
180. Wan RW, Luo ZW, Chen SY. The Revolution of exosomes: From biological functions to therapeutic applications in skeletal muscle diseases. 45, 132-139. IF: 5.9
181. Wan RW, Luo ZW, Chen SY. A Mesoporous Silica-Loaded Multi-Functional Hydrogel Enhanced Tendon Healing via Immunomodulatory and Pro-Regenerative Effects. *Adv Healthc Mater* 2024 Oct;13(26):e2400968. IF:10
182. Wan RW, Chen SY. Exercise potentially prevents colorectal cancer liver metastases by suppressing tumor epithelial cell stemness via RPS4X downregulation. *HELIYON*. 5,10,e26604. IF:3.4
183. Zhou XB, Chen SY. SportSync Health: Revolutionizing Patient Care in Sports Medicine through

APKASS 2026 Korea & ICKAS 2026

Asia-Pacific Knee, Arthroscopy, Arthroplasty, Shoulder, and Sports Medicine Society
in conjunction with 2026 Annual International Congress of the Korean Arthroscopy Society

September 10 (Thu) - 12 (Sat). 2026 Grand Hyatt, Incheon, Korea

-
- Integrated Follow-up Technologies. BURNS & TRAUMA. 12 ,tkae064. IF: 6.3
184. Li FQ, Chen SY. Bone marrow mesenchymal stem cell-derived exosomal microRNAs target PI3K/Akt signaling pathway to promote the activation of fibroblasts. WORLD JOURNAL OF STEM CELLS. IF: 3.6
185. Luo ZW, Chen YS, Chen SY. Impacts of Nutlin-3a and exercise on murine double minute 2-enriched glioma treatment. Neural Regen Res 2025 Apr 1;20(4):1135-1152. IF: 5.9
186. Luo ZW, Chen SY. SportSync Health: Revolutionizing Patient Care in Sports Medicine through Integrated Follow-up Technologies. Burns Trauma. 2024 Nov 4;12: tkae064. IF:6.3
187. Luo ZW, Chen SY. Exercise-augmented THSD7B exhibited a positive prognostic implication and tumor suppressed functionality in pan-cancer. Front Immunol 2024 Aug 5;15:1440226. IF:5.7 30
188. Chen YS, Luo ZW, Chen SY. Exercise-Induced Reduction of IGF1R Sumoylation Attenuates Neuroinflammation in APP/PS1 Transgenic Mice. J Adv Res 2024 Mar 31: S2090-1232(24)00127-9. IF:11.4
189. Chen YS, Luo ZW, Chen SY. Pantothenate-encapsulated liposomes combined with exercise for effective inhibition of CRM1-mediated PKM2 translocation in Alzheimer's therapy. J Control Release 2024 Sep: 373:336 357. IF:10.5
190. He YW, Chen WB, Chen SY. Exosomes derived from tendon stem/progenitor cells enhance tendon-bone interface healing after rotator cuff repair in a rat model. Bioact Mater 2024 Jun 28;40:484-502. IF:18
191. Sun LY, Chen SY. Time-programmed release of curcumin and Zn²⁺ from multi-layered RSF coating modified PET graft for improvement of graft-host integration. INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES. 272,2,132830. IF:7.7
192. Wan RW, Luo ZW, Chen SY. Exercise-downregulated CD300E acted as a negative prognostic implication and tumor-promoted role in pan-cancer. Front Immunol 2024 Jul 31;15:1437068. IF:5.7
193. Luo ZW , Chen SY. Exercise potentially prevents colorectal cancer liver metastases by suppressing tumor epithelial cell stemness via RPS4X downregulation. Heliyon 2024 Feb 24;10(5):e26604. IF:3.4
-