

# Xiu-yun Su

## List of Publications by Year in descending order

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26  
papers

368  
citations

840776

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839539

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docs citations

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times ranked

404  
citing authors

#	ARTICLE	IF	CITATIONS
1	Core decompression and implantation of bone marrow mononuclear cells with porous hydroxylapatite composite filler for the treatment of osteonecrosis of the femoral head. Archives of Orthopaedic and Trauma Surgery, 2013, 133, 125-133.	2.4	70
2	Tantalum rod implantation for femoral head osteonecrosis: survivorship analysis and determination of prognostic factors for total hip arthroplasty. International Orthopaedics, 2016, 40, 1397-1407.	1.9	29
3	Medial sustainable nail versus proximal femoral nail antirotation in treating AO/OTA 31-A2.3 fractures: Finite element analysis and biomechanical evaluation. Injury, 2019, 50, 648-656.	1.7	26
4	Three-dimensional mapping of intertrochanteric fracture lines. Chinese Medical Journal, 2019, 132, 2524-2533.	2.3	21
5	Three-Dimensional Analysis of the Characteristics of the Femoral Canal Isthmus: An Anatomical Study. BioMed Research International, 2015, 2015, 1-9.	1.9	20
6	Three-Dimensional Analysis of the Curvature of the Femoral Canal in 426 Chinese Femurs. BioMed Research International, 2015, 2015, 1-8.	1.9	18
7	Three-dimensional morphological analysis of the femoral neck torsion angle—an anatomical study. Journal of Orthopaedic Surgery and Research, 2020, 15, 192.	2.3	18
8	Radiographic assessment of the cup orientation after total hip arthroplasty: a literature review. Annals of Translational Medicine, 2020, 8, 130-130.	1.7	17
9	A modified porous tantalum implant technique for osteonecrosis of the femoral head: survivorship analysis and prognostic factors for radiographic progression and conversion to total hip arthroplasty. International Journal of Clinical and Experimental Medicine, 2015, 8, 1918-30.	1.3	17
10	Outcome of posterior cruciate ligament reconstruction using the single- versus double bundle technique: A meta-analysis. Journal of International Medical Research, 2015, 43, 149-160.	1.0	16
11	Early Experience with Reduction of Unstable Pelvic Fracture Using a Computer-Aided Reduction Frame. BioMed Research International, 2018, 2018, 1-7.	1.9	14
12	Clustering of Morphological Features for Identifying Femur Cavity Subtypes With Difficulties of Intramedullary Nail Implantation. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1209-1217.	6.3	13
13	Predicting the optimal entry point for femoral antegrade nailing using a new measurement approach. International Journal of Computer Assisted Radiology and Surgery, 2015, 10, 1557-1565.	2.8	12
14	Machine Learning-based Prediction of Prolonged Intensive Care Unit Stay for Critical Patients with Spinal Cord Injury. Spine, 2022, 47, E390-E398.	2.0	10
15	Comparison of oblique triangular configuration and inverted equilateral triangular configuration of three cannulated screws in treating unstable femoral neck fracture: A finite element analysis. Injury, 2022, 53, 353-361.	1.7	10
16	Experimental study on treatment of acetabular anterior column fractures: application of a minimally invasive percutaneous lag screw guide apparatus. BMC Musculoskeletal Disorders, 2016, 17, 27.	1.9	9
17	Computer-aided pelvic reduction frame for anatomical closed reduction of unstable pelvic fractures. Journal of Orthopaedic Research, 2016, 34, 81-87.	2.3	8
18	Automatic estimation of morphological characteristics of proximal tibia for precise plate treatment using model matching. Computerized Medical Imaging and Graphics, 2020, 81, 101714.	5.8	8

#	ARTICLE	IF	CITATIONS
19	The Ovalâ€like Crossâ€section of Femoral Neck Isthmus in Threeâ€dimensional Morphological Analysis. Orthopaedic Surgery, 2021, 13, 321-327.	1.8	6
20	A computer aided measurement method for unstable pelvic fractures based on standardized radiographs. BMC Medical Imaging, 2015, 15, 41.	2.7	5
21	A mathematical method for precisely calculating the radiographic angles of the cup after total hip arthroplasty. Medical Engineering and Physics, 2016, 38, 1376-1381.	1.7	5
22	Three-dimensional orientation and location-dependent varying rules of radiographic angles of the acetabular cup. International Orthopaedics, 2018, 42, 1819-1825.	1.9	4
23	The synergetic effect of pelvic rotation and X-ray offset on radiographic angles of the acetabular cup. Medical and Biological Engineering and Computing, 2019, 57, 2359-2371.	2.8	4
24	The Effect of Polymorphisms in SPP1 on Risk of Fracture: A Case-Control Study. Medical Science Monitor, 2015, 21, 3875-3879.	1.1	3
25	Schwann Cells Accelerate Osteogenesis via the Mif/CD74/FOXO1 Signaling Pathway In Vitro. Stem Cells International, 2022, 2022, 1-13.	2.5	3
26	Letter to the Editor: The Effect of Postural Pelvic Dynamics on the Three-dimensional Orientation of the Acetabular Cup in THA Is Patient Specific. Clinical Orthopaedics and Related Research, 2021, Publish Ahead of Print, 1871-1872.	1.5	1