

Raymond W Liu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90
papers

910
citations

19
h-index

26
g-index

103
ext. papers

1,183
ext. citations

3.1
avg, IF

4.6
L-index

#	Paper	IF	Citations
90	Estimating Skeletal Maturity by Segmented Linear Modeling of Key AP Knee Radiographic Parameters.. <i>Journal of Pediatric Orthopaedics</i> , 2022 , 42, 169-173	2.4	1
89	An anatomic and 3D study of the development of the proximal humeral physis.. <i>Surgical and Radiologic Anatomy</i> , 2022 , 1	1.4	
88	Slipped Capital Femoral Epiphysis Associated With Athletic Activity.. <i>Sports Health</i> , 2022 , 19417381221093045	1.7	1
87	Comparison of pelvic incidence measurement using lateral x-ray, standard ct versus ct with 3d reconstruction. <i>European Spine Journal</i> , 2021 , 1	2.7	0
86	Assessment of Splinting Quality: A Prospective Study Comparing Different Practitioners. <i>Iowa orthopaedic journal, The</i> , 2021 , 41, 155-161	1.1	
85	Height and Extremity-Length Prediction for Healthy Children Using Age-Based Versus Peak Height Velocity Timing-Based Multipliers. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021 , 103, 335-342	5.6	1
84	Subtle Slipped Capital Femoral Epiphysis Is not Associated With Idiopathic Cam Morphology. <i>Journal of Pediatric Orthopaedics</i> , 2021 , 41, 216-220	2.4	
83	The Interval Between Preoperative Radiation and Surgery Is Not Associated with Overall Survival for Soft-tissue Sarcomas: An Analysis of the National Cancer Database. <i>Clinical Orthopaedics and Related Research</i> , 2021 , 479, 506-517	2.2	2
82	A prospective randomised study on efficacy of music for decreasing preoperative anxiety in children. <i>Journal of Perioperative Practice</i> , 2021 , 31, 268-273	0.4	1
81	The Natural History of Benign Bone Tumors of the Extremities in Asymptomatic Children: A Longitudinal Radiographic Study. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021 , 103, 575-580	5.6	1
80	Retrograde Intramedullary Nailing of Pediatric Femoral Shaft Fractures Does Not Result in Growth Arrest at the Distal Femoral Physis-A Retrospective Cases Series. <i>Journal of Orthopaedic Trauma</i> , 2021 , 35, e405-e410	3.1	
79	Is Cam Morphology Found in Ancient and Medieval Populations in Addition to Modern Populations?. <i>Clinical Orthopaedics and Related Research</i> , 2021 , 479, 1830-1838	2.2	2
78	The Relationship of Olecranon Apophyseal Ossification and Sanders Hand Scores with the Timing of Peak Height Velocity in Adolescents. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021 , 103, 1543-1551	5.6	0
77	The distal femur trochlear groove appears to compensate for tibial deformity but not femoral deformity in an investigation of five-hundred and seventy-nine cadaveric skeletons. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021 , 1	3.6	0
76	Skeletal Maturity Using Knee X-rays: Understanding the Resilience of 7 Radiographic Parameters to Rotational Position. <i>Journal of Pediatric Orthopaedics</i> , 2021 , 41, e733-e738	2.4	0
75	Systematic Isolation of Key Parameters for Estimating Skeletal Maturity on AP Hip Radiographs. <i>Journal of Pediatric Orthopaedics</i> , 2021 , 41, 483-489	2.4	1
74	Prediction of adolescent pelvis development using femoral head and acetabulum growth in a longitudinal radiographic study. <i>Clinical Anatomy</i> , 2021 , 34, 726-735	2.5	0

73	Assessing precision and accuracy of false-profile hip radiographs. <i>HIP International</i> , 2021 , 31, 258-263	1.7	2
72	Systematic Isolation of Key Parameters for Estimating Skeletal Maturity on Knee Radiographs. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021 , 103, 795-802	5.6	5
71	Estimating Skeletal Maturity Using Knee Radiographs During Preadolescence: The Epiphyseal:Metaphyseal Ratio. <i>Journal of Pediatric Orthopaedics</i> , 2021 , 41, 566-570	2.4	0
70	The point of epiphyseal penetration affects rotational stability of screw fixation in slipped capital femoral epiphysis: A biomechanical study. <i>Journal of Orthopaedic Research</i> , 2020 , 38, 2634-2639	3.8	3
69	A cadaveric study of radial and ulnar bowing in the sagittal and coronal planes. <i>Journal of Shoulder and Elbow Surgery</i> , 2020 , 29, 1010-1018	4.3	3
68	Humeral version and neck-shaft angle correlated with demographic parameters in a study of 1104 cadaveric humeri. <i>Journal of Shoulder and Elbow Surgery</i> , 2020 , 29, 1236-1241	4.3	3
67	Emergency Department Utilization After Elective Hip Arthroscopy. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020 , 36, 1575-1583.e1	5.4	12
66	Internal tibial torsion is related to syndesmosis injury in a large osteological collection. <i>Foot and Ankle Surgery</i> , 2020 , 26, 939-942	3.1	
65	Is Bony Knee Alignment Representative of the True Joint Surface in Skeletally Immature Patients? A Magnetic Resonance Imaging Study. <i>Strategies in Trauma and Limb Reconstruction</i> , 2020 , 15, 79-83	0.6	0
64	Emergency Department Utilization After Outpatient Hand Surgery. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2020 , 28, 639-649	4.5	4
63	Normative Values for Capital Femoral Epiphyseal Extension of the Developing Hip Based on Age, Sex, and Oxford Bone Age. <i>Journal of Pediatric Orthopaedics</i> , 2020 , 40, e335-e340	2.4	
62	Clinical Outcomes of Triplane Fractures Based on Imaging Modality Utilization and Management: A Systematic Review and Meta-analysis. <i>Journal of Pediatric Orthopaedics</i> , 2020 , 40, e936-e941	2.4	1
61	Capital Femoral Epiphyseal Cupping and Extension May Be Protective in Slipped Capital Femoral Epiphysis: A Dual-center Matching Cohort Study. <i>Journal of Pediatric Orthopaedics</i> , 2020 , 40, 334-339	2.4	4
60	An Anatomical Evaluation of the Trapezium and Its Relationship to Basilar Joint Osteophytic Change. <i>Hand</i> , 2020 , 1558944720946490	1.4	0
59	Relationship Between Sever Disease and Skeletal Maturity. <i>Journal of Pediatric Orthopaedics</i> , 2020 , 40, 93-96	2.4	2
58	An Anatomic and Radiographic Study of the Distal Tibial Epiphysis. <i>Journal of Pediatric Orthopaedics</i> , 2020 , 40, 23-28	2.4	2
57	Pelvic Incidence in Spines With 4 and 6 Lumbar Vertebrae. <i>Global Spine Journal</i> , 2019 , 9, 708-712	2.7	2
56	Correlation between the distance from the pubic symphysis to the sacrum with pelvic incidence. <i>HIP International</i> , 2019 , 29, 564-567	1.7	

55	Impact of Routine Gastrocnemius Stretching on Ankle Dorsiflexion Flexibility and Injury Rates in High School Basketball Athletes. <i>Orthopaedic Journal of Sports Medicine</i> , 2019 , 7, 2325967119836774	3.5	5
54	Does Pelvic Rotation Alter Radiologic Measurement of Anterior and Lateral Acetabular Coverage?. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019 , 35, 1111-1116.e1	5.4	10
53	Analysis of Trabecular Microstructure and Vascular Distribution of Capital Femoral Epiphysis Relevant to Legg-Calve-Perthes Disease. <i>Journal of Orthopaedic Research</i> , 2019 , 37, 1784-1789	3.8	2
52	Hip morphology predicts posterior hip impingement in a cadaveric model. <i>HIP International</i> , 2019 , 29, 322-327	1.7	13
51	Is There Value in Radiology Reads for Pediatric Supracondylar Fractures in the Outpatient Clinic?. <i>Journal of Pediatric Orthopaedics</i> , 2019 , 39, e452-e455	2.4	1
50	Lumbosacral Transitional Vertebrae: A Cadaveric Investigation of Prevalence and Relation to Lumbar Degenerative Disease. <i>Clinical Spine Surgery</i> , 2019 , 32, E330-E334	1.8	2
49	Understanding Skeletal Growth and Predicting Limb-Length Inequality in Pediatric Patients. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2019 , 27, 312-319	4.5	10
48	Are Limb-sparing Surgical Resections Comparable to Amputation for Patients With Pelvic Chondrosarcoma? A Case-control, Propensity Score-matched Analysis of the National Cancer Database. <i>Clinical Orthopaedics and Related Research</i> , 2019 , 477, 596-605	2.2	8
47	Capital Femoral Epiphyseal Extension May Confer Physeal Stability in Slipped Capital Femoral Epiphysis. <i>Journal of Pediatric Orthopaedics</i> , 2019 , 39, 119-124	2.4	22
46	An Anatomic Study on Whether Femoral Version Originates in the Neck or the Shaft. <i>Journal of Pediatric Orthopaedics</i> , 2019 , 39, e50-e53	2.4	10
45	Incidence and Fusion of Os Trigonum in a Healthy Pediatric Population. <i>Journal of Pediatric Orthopaedics</i> , 2019 , 39, e718-e721	2.4	4
44	Applicability of the Calcaneal Apophysis Ossification Staging System to the Modern Pediatric Population. <i>Journal of Pediatric Orthopaedics</i> , 2019 , 39, 46-50	2.4	12
43	Pediatric Supracondylar Humerus Fractures: AAOS Appropriate Use Criteria Versus Actual Management at a Pediatric Level 1 Trauma Center. <i>Journal of Pediatric Orthopaedics</i> , 2019 , 39, e578-e585	2.4	2
42	Evaluation of Intramedullary Fixation for Pediatric Femoral Shaft Fractures in Developing Countries. <i>Journal of Orthopaedic Trauma</i> , 2018 , 32, e210-e214	3.1	3
41	Pelvic Incidence Is Associated With Sacral Curvature, Sacroiliac Joint Angulation, and Sacral Ala Width. <i>Spine</i> , 2018 , 43, 1529-1535	3.3	5
40	Origin of Cam Morphology in Femoroacetabular Impingement. <i>American Journal of Sports Medicine</i> , 2018 , 46, 478-486	6.8	36
39	Use of the False-Profile Radiographic View to Measure Pelvic Incidence. <i>American Journal of Sports Medicine</i> , 2018 , 46, 2089-2095	6.8	8
38	Outcomes Following Operative Treatment of Adolescent Mallet Fractures. <i>HSS Journal</i> , 2018 , 14, 83-87	2	3

37	Consequences Following Distal Femoral Growth Plate Violation in an Ovine Model With an Intramedullary Implant: A Pilot Study. <i>Journal of Pediatric Orthopaedics</i> , 2018 , 38, e640-e645	2.4	4
36	Humeral Head Ossification Predicts Peak Height Velocity Timing and Percentage of Growth Remaining in Children. <i>Journal of Pediatric Orthopaedics</i> , 2018 , 38, e546-e550	2.4	15
35	No relationship between mild limb length discrepancy and spine, hip or knee degenerative disease in a large cadaveric collection. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2018 , 104, 603-607 ^{2.9}	2.9	5
34	Predicting adverse events, length of stay, and discharge disposition following shoulder arthroplasty: a comparison of the Elixhauser Comorbidity Measure and Charlson Comorbidity Index. <i>Journal of Shoulder and Elbow Surgery</i> , 2018 , 27, 1748-1755	4.3	36
33	Differences in Cross-Sectional Intervertebral Foraminal Area From C3 to C7. <i>Global Spine Journal</i> , 2018 , 8, 600-606	2.7	7
32	A Cadaveric Analysis of the Optimal Radiographic Angle for Evaluating Trochlear Depth. <i>Journal of Knee Surgery</i> , 2017 , 30, 143-151	2.4	1
31	Femoral Version and Tibial Torsion are Not Associated With Hip or Knee Arthritis in a Large Osteological Collection. <i>Journal of Pediatric Orthopaedics</i> , 2017 , 37, e120-e128	2.4	30
30	The Association of Tibia Femur Ratio and Degenerative Disease of the Spine, Hips, and Knees. <i>Journal of Pediatric Orthopaedics</i> , 2017 , 37, 317-322	2.4	13
29	Increased and decreased pelvic incidence, sagittal facet joint orientations are associated with lumbar spine osteoarthritis in a large cadaveric collection. <i>International Orthopaedics</i> , 2017 , 41, 1593-1600 ^{2.8}	2.8	12
28	Safe Drilling Paths in the Distal Femoral Epiphysis for Pediatric Medial Patellofemoral Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , 2017 , 45, 1085-1089	6.8	27
27	Axial and appendicular body proportions for evaluation of limb and trunk asymmetry. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017 , 88, 185-191	4.3	1
26	The Uniform Pattern of Growth and Skeletal Maturation during the Human Adolescent Growth Spurt. <i>Scientific Reports</i> , 2017 , 7, 16705	4.9	51
25	Acetabular rim length: an anatomical study to determine reasonable graft sizes for labral reconstruction. <i>Journal of Hip Preservation Surgery</i> , 2017 , 4, 106-112	2	3
24	Hip-Spine Syndrome: Is There an Association Between Markers for Cam Deformity and Osteoarthritis of the Lumbar Spine?. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016 , 32, 2243-2248	5.4	13
23	Longitudinal radiographic behavior of accessory navicular in pediatric patients. <i>Journal of Children's Orthopaedics</i> , 2016 , 10, 685-689	2.1	9
22	The Ξirradiate bumpΨa novel radiographic sign that may confound assessment of acetabular retroversion. <i>Journal of Children's Orthopaedics</i> , 2016 , 10, 219-25	2.1	1
21	Pelvic incidence: an anatomic investigation of 880 cadaveric specimens. <i>European Spine Journal</i> , 2016 , 25, 3589-3595	2.7	41
20	Radiographic Signs of Femoroacetabular Impingement Are Associated With Decreased Pelvic Incidence. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016 , 32, 806-13	5.4	32

19	Validity and Clinical Consequences of a Rotational Mechanism for Slipped Capital Femoral Epiphysis. <i>Journal of Pediatric Orthopaedics</i> , 2016 , 36, 239-46	2.4	28
18	Anatomic Investigation of Commonly Used Landmarks for Evaluating Rotation During Forearm Fracture Reduction. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016 , 98, 1103-12	5.6	8
17	Capital Femoral Growth Plate Extension Predicts Cam Morphology in a Longitudinal Radiographic Study. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016 , 98, 805-12	5.6	20
16	A cadaveric investigation into the demographic and bony alignment properties associated with osteoarthritis of the patellofemoral joint. <i>Knee</i> , 2016 , 23, 350-6	2.6	13
15	Association between Achilles tightness and lower extremity injury in children. <i>HSS Journal</i> , 2016 , 12, 245-249	2	3
14	Relationship of calcaneal and iliac apophyseal ossification to peak height velocity timing in children. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015 , 97, 147-54	5.6	29
13	An Anatomic Study on Whether the Patella is Centered in an Ideal Anteroposterior Radiograph of the Knee. <i>HSS Journal</i> , 2015 , 11, 117-22	2	3
12	Characterization of ossification of the posterior rim of acetabulum in the developing hip and its impact on the assessment of femoroacetabular impingement. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015 , 97, e11	5.6	11
11	Pelvic Incidence and Acetabular Version in Slipped Capital Femoral Epiphysis. <i>Journal of Pediatric Orthopaedics</i> , 2015 , 35, 565-70	2.4	27
10	A Modified Ogata-Goldsand Technique for Simplified Intraoperative Measurement of Femoral Version. <i>Journal of Pediatric Orthopaedics</i> , 2015 , 35, 593-9	2.4	2
9	A Comparison of the Accuracy of Three Intraoperative Techniques for Measuring Rotational Correction in Varus Derotational Osteotomies of the Femur. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014 , 96, 1193-1199	5.6	5
8	The relationship of the medial patellofemoral ligament attachment to the distal femoral physis. <i>American Journal of Sports Medicine</i> , 2014 , 42, 2214-8	6.8	35
7	An anatomic study of the epiphyseal tubercle and its importance in the pathogenesis of slipped capital femoral epiphysis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013 , 95, e341-8	5.6	41
6	An anatomic study of the distal femoral epiphysis. <i>Journal of Pediatric Orthopaedics</i> , 2013 , 33, 743-9	2.4	29
5	Intravenous versus oral outpatient antibiotic therapy for pediatric acute osteomyelitis. <i>Iowa orthopaedic journal, The</i> , 2013 , 33, 208-12	1.1	7
4	Surgeon learning curve for pediatric supracondylar humerus fractures. <i>Journal of Pediatric Orthopaedics</i> , 2011 , 31, 818-24	2.4	31
3	Comparison of supine bending, push-prone, and traction under general anesthesia radiographs in predicting curve flexibility and postoperative correction in adolescent idiopathic scoliosis. <i>Spine</i> , 2010 , 35, 416-22	3.3	32
2	The effect of varus and valgus osteotomies on femoral version. <i>Journal of Pediatric Orthopaedics</i> , 2009 , 29, 666-75	2.4	39

- 1 A randomized prospective study of music therapy for reducing anxiety during cast room procedures. *Journal of Pediatric Orthopaedics*, **2007**, 27, 831-3 2.4 37