

Christine L Farnsworth

List of Publications by Year in descending order

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51
papers

1,252
citations

394421

19
h-index

361022

35
g-index

52
all docs

52
docs citations

52
times ranked

873
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetrical Flexible Tethering of Spine Growth in an Immature Bovine Model. <i>Spine</i> , 2002, 27, 689-693.	2.0	114
2	Spinal Growth Modulation With an Anterolateral Flexible Tether in an Immature Bovine Model. <i>Spine</i> , 2008, 33, 724-733.	2.0	103
3	Spinal Growth Modulation with Use of a Tether in an Immature Porcine Model. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 2695-2706.	3.0	90
4	Relationship Between Achilles Tendon Mechanical Properties and Gastrocnemius Muscle Function. <i>Journal of Biomechanical Engineering</i> , 1993, 115, 225-230.	1.3	84
5	Effects of Intraoperative Tensioning of an Anterolateral Spinal Tether on Spinal Growth Modulation in a Porcine Model. <i>Spine</i> , 2011, 36, 109-117.	2.0	69
6	Model of muscle-tendon interaction during frog semitendinosus fixed-end contractions. <i>Journal of Biomechanics</i> , 1992, 25, 421-428.	2.1	68
7	Multilevel Spinal Growth Modulation With an Anterolateral Flexible Tether in an Immature Bovine Model. <i>Spine</i> , 2005, 30, 2608-2613.	2.0	62
8	A Biomechanical Comparison of Open and Thoracoscopic Anterior Spinal Release in a Goat Model. <i>Spine</i> , 1998, 23, 530-535.	2.0	57
9	A Comparison of Early Versus Late Conversion From Intravenous to Oral Therapy in the Treatment of Septic Arthritis. <i>Journal of Pediatric Orthopaedics</i> , 2009, 29, 636-642.	1.2	55
10	Patient-specific 3D models aid planning for triplane proximal femoral osteotomy in slipped capital femoral epiphysis. <i>Journal of Children's Orthopaedics</i> , 2017, 11, 147-153.	1.1	50
11	The Distal Humerus Axial View. <i>Journal of Pediatric Orthopaedics</i> , 2015, 35, 449-454.	1.2	45
12	Pedicle Screw Surface Coatings Improve Fixation in Nonfusion Spinal Constructs. <i>Spine</i> , 2009, 34, 335-343.	2.0	35
13	Thoracic Vertebral Screw Impingement on the Aorta in an In Vivo Bovine Model. <i>Spine</i> , 2005, 30, 2406-2413.	2.0	31
14	Statistical shape modeling of proximal femoral shape deformities in Legg-Calvé-Perthes disease and slipped capital femoral epiphysis. <i>Osteoarthritis and Cartilage</i> , 2013, 21, 443-449.	1.3	31
15	Title is missing!. <i>Journal of Pediatric Orthopaedics</i> , 1998, 18, 38-42.	1.2	30
16	Femoral version: Comparison among advanced imaging methods. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1536-1542.	2.3	28
17	Medial Patellofemoral Ligament Reconstruction: Fixation Technique Biomechanics. <i>Journal of Knee Surgery</i> , 2016, 29, 303-309.	1.6	27
18	Intervertebral Disc Health Preservation After Six Months of Spinal Growth Modulation. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011, 93, 1408-1416.	3.0	24

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19	Comparison of 3 Pediatric Pelvic Osteotomies for Acetabular Dysplasia Using Patient-specific 3D-printed Models. <i>Journal of Pediatric Orthopaedics</i> , 2019, 39, e159-e164.	1.2	24
20	3-dimensional metrics of proximal femoral shape deformities in Legg-Calvé-Perthes disease and slipped capital femoral epiphysis. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1526-1535.	2.3	19
21	Negative pressure therapy for closed spine incisions: a pilot study. <i>Wounds</i> , 2012, 24, 308-16.	0.5	18
22	Paraspinal muscle morphology and composition in adolescent idiopathic scoliosis: A histological analysis. <i>JOR Spine</i> , 2021, 4, e1169.	3.2	16
23	Biomechanical Analysis of Anterior Instrumentation for Lumbar Corpectomy. <i>Spine</i> , 2003, 28, E468-E471.	2.0	15
24	The modulation of spinal growth with nitinol intervertebral stapling in an established swine model. <i>Journal of Children's Orthopaedics</i> , 2012, 6, 241-253.	1.1	11
25	3D Visualization of Vertebral Growth Plates and Disc: The Effects of Growth Modulation. <i>Spine Deformity</i> , 2013, 1, 313-320.	1.5	11
26	Biomechanical Testing of Unstable Slipped Capital Femoral Epiphysis Screw Fixation. <i>Journal of Pediatric Orthopaedics</i> , 2015, 35, 496-500.	1.2	10
27	Assessment of three-dimensional acetabular coverage angles. <i>Journal of Hip Preservation Surgery</i> , 2020, 7, 305-312.	1.3	10
28	Dual and Single Memory Rod Construct Comparison in an Animal Study. <i>Spine</i> , 2011, 36, E904-E913.	2.0	9
29	Under Pressure: The Utility of Spacers in Univalved Fiberglass Casts. <i>Journal of Pediatric Orthopaedics</i> , 2019, 39, 302-305.	1.2	9
30	Medial Epicondyle Fractures: Biomechanical Evaluation and Clinical Comparison of 3 Fixation Methods Used in Pediatric Patients. <i>Journal of Pediatric Orthopaedics</i> , 2020, 40, 474-480.	1.2	9
31	Isocentric Reattachment of Ligamentum Teres. <i>Journal of Pediatric Orthopaedics</i> , 2011, 31, 847-852.	1.2	8
32	A Medial Portal for Hip Arthroscopy in Children With Septic Arthritis: A Safety Study. <i>Journal of Pediatric Orthopaedics</i> , 2018, 38, 527-531.	1.2	8
33	The influence of 3D curve severity on paraspinal muscle fatty infiltration in patients with adolescent idiopathic scoliosis. <i>Spine Deformity</i> , 2021, 9, 987-995.	1.5	8
34	Femoral derotational osteotomy level does not effect resulting torsion. <i>Journal of Experimental Orthopaedics</i> , 2020, 7, 9.	1.8	8
35	Strut Allograft Union and Remodeling Using rhBMP-2 in a Spinal Corpectomy Model. <i>Spine</i> , 2005, 30, 1386-1395.	2.0	7
36	Torsional Growth Modulation of Long Bones by Oblique Plating in a Rabbit Model. <i>Journal of Pediatric Orthopaedics</i> , 2018, 38, e97-e103.	1.2	7

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37	Bioabsorbable plating in the treatment of pediatric clavicle fractures: A biomechanical and clinical analysis. <i>Clinical Biomechanics</i> , 2018, 55, 94-99.	1.2	6
38	Increased Hip Intracapsular Pressure Decreases Perfusion of the Capital Femoral Epiphysis in a Skeletally Immature Porcine Model. <i>Journal of Pediatric Orthopaedics</i> , 2020, 40, 176-182.	1.2	6
39	Title is missing!. <i>Spine</i> , 2003, 28, 1614-1619.	2.0	5
40	Risk of Implant Loosening After Cyclic Loading of Fusionless Growth Modulation Techniques. <i>Spine</i> , 2017, 42, 443-449.	2.0	5
41	Ischemic femoral head osteonecrosis in a piglet model causes three dimensional decrease in acetabular coverage. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1173-1177.	2.3	5
42	Intracapsular hip pressures in a porcine model. <i>Journal of Pediatric Orthopaedics Part B</i> , 2011, 20, 278-283.	0.6	4
43	Three-dimensional Analysis of Acetabular Morphology and Orientation in Patients With Slipped Capital Femoral Epiphysis. <i>Journal of Pediatric Orthopaedics</i> , 2021, 41, e130-e134.	1.2	3
44	3-D acetabular morphology of the neuromuscular hip: implications for preoperative planning. <i>Journal of Pediatric Orthopaedics Part B</i> , 2022, 31, 169-174.	0.6	2
45	Defining a new three-dimensional method for determining femoral torsional pathology in children. <i>Journal of Pediatric Orthopaedics Part B</i> , 2021, 30, 331-336.	0.6	2
46	Reliability of Low-dose Biplanar Radiography in Assessing Pediatric Torsional Pathology. <i>Journal of Pediatric Orthopaedics</i> , 2021, 41, 33-39.	1.2	2
47	Growth Modulation Techniques: Tethering. , 2016, , 751-767.		1
48	Spinal rod gripping capacity: how do 5.5/6.0-mm dual-diameter screws compare?. <i>Spine Deformity</i> , 2020, 8, 25-32.	1.5	1
49	3D cone-beam tomosynthesis provides axial imaging of the spine with lower radiation compared to computed tomography. <i>Spine Deformity</i> , 2021, 9, 41-49.	1.5	0
50	Periosteal incarceration versus interposition adipose tissue grafting in physeal fractures: pilot study in immature rabbits. <i>Journal of Experimental Orthopaedics</i> , 2019, 6, 46.	1.8	0
51	Distal tibial osteotomy to address internal tibial torsion: Should the fibula be cut?. <i>Clinical Biomechanics</i> , 2021, 91, 105536.	1.2	0