

Emil H Schemitsch

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5475728/emil-h-schemitsch-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

464
papers

17,762
citations

71
h-index

114
g-index

489
ext. papers

20,563
ext. citations

3.9
avg, IF

6.72
L-index

#	Paper	IF	Citations
464	Effect of early surgery after hip fracture on mortality and complications: systematic review and meta-analysis. <i>Cmaj</i> , 2010 , 182, 1609-16	3.5	504
463	Internal fixation compared with arthroplasty for displaced fractures of the femoral neck. A meta-analysis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2003 , 85, 1673-81	5.6	367
462	A multicenter, prospective, randomized, controlled trial of open reduction--internal fixation versus total elbow arthroplasty for displaced intra-articular distal humeral fractures in elderly patients. <i>Journal of Shoulder and Elbow Surgery</i> , 2009 , 18, 3-12	4.3	314
461	Randomized trial of reamed and unreamed intramedullary nailing of tibial shaft fractures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008 , 90, 2567-78	5.6	290
460	Standard surgical protocol to treat elbow dislocations with radial head and coronoid fractures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004 , 86, 1122-30	5.6	283
459	Operative versus nonoperative care of displaced midshaft clavicular fractures: a meta-analysis of randomized clinical trials. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012 , 94, 675-84	5.6	261
458	Operative management of displaced femoral neck fractures in elderly patients. An international survey. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005 , 87, 2122-30	5.6	258
457	Efficacy of autologous platelet-rich plasma use for orthopaedic indications: a meta-analysis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012 , 94, 298-307	5.6	224
456	A lack of consensus in the assessment of fracture healing among orthopaedic surgeons. <i>Journal of Orthopaedic Trauma</i> , 2002 , 16, 562-6	3.1	220
455	Treatment of acute Achilles tendon ruptures: a systematic overview and metaanalysis. <i>Clinical Orthopaedics and Related Research</i> , 2002 , 190-200	2.2	214
454	The use of an antibiotic-impregnated, osteoconductive, bioabsorbable bone substitute in the treatment of infected long bone defects: early results of a prospective trial. <i>Journal of Orthopaedic Trauma</i> , 2002 , 16, 622-7	3.1	207
453	Fat embolism syndrome: history, definition, epidemiology. <i>Injury</i> , 2006 , 37 Suppl 4, S3-7	2.5	204
452	Flail chest injuries: a review of outcomes and treatment practices from the National Trauma Data Bank. <i>Journal of Trauma and Acute Care Surgery</i> , 2014 , 76, 462-8	3.3	202
451	Deficits following nonoperative treatment of displaced midshaft clavicular fractures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006 , 88, 35-40	5.6	201
450	Barriers to full-text publication following presentation of abstracts at annual orthopaedic meetings. <i>Journal of Bone and Joint Surgery - Series A</i> , 2003 , 85, 158-63	5.6	201
449	Midshaft malunions of the clavicle. <i>Journal of Bone and Joint Surgery - Series A</i> , 2003 , 85, 790-7	5.6	199
448	Development of the radiographic union score for tibial fractures for the assessment of tibial fracture healing after intramedullary fixation. <i>Journal of Trauma</i> , 2010 , 68, 629-32		192

447	Treatment of open fractures of the shaft of the tibia. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2001 , 83, 62-8		192
446	An observational study of orthopaedic abstracts and subsequent full-text publications. <i>Journal of Bone and Joint Surgery - Series A</i> , 2002 , 84, 615-21	5.6	190
445	The long-term functional outcome of operatively treated tibial plateau fractures. <i>Journal of Orthopaedic Trauma</i> , 2001 , 15, 312-20	3.1	181
444	The quality of reporting of randomized trials in the Journal of Bone and Joint Surgery from 1988 through 2000. <i>Journal of Bone and Joint Surgery - Series A</i> , 2002 , 84, 388-96	5.6	181
443	The pathoanatomy of lateral ligamentous disruption in complex elbow instability. <i>Journal of Shoulder and Elbow Surgery</i> , 2003 , 12, 391-6	4.3	169
442	Functional outcome following surgical treatment of intra-articular distal humeral fractures through a posterior approach. <i>Journal of Bone and Joint Surgery - Series A</i> , 2000 , 82, 1701-7	5.6	164
441	A Trial of Wound Irrigation in the Initial Management of Open Fracture Wounds. <i>New England Journal of Medicine</i> , 2015 , 373, 2629-41	59.2	162
440	Biomechanical evaluation of periprosthetic femoral fracture fixation. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008 , 90, 1068-77	5.6	152
439	Gamma nails revisited: gamma nails versus compression hip screws in the management of intertrochanteric fractures of the hip: a meta-analysis. <i>Journal of Orthopaedic Trauma</i> , 2009 , 23, 460-4	3.1	151
438	Distal humeral fractures in adults. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011 , 93, 686-700	5.6	150
437	Internet versus mailed questionnaires: a controlled comparison (2). <i>Journal of Medical Internet Research</i> , 2004 , 6, e39	7.6	149
436	Osteoid osteoma and osteoblastoma. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2011 , 19, 678-89	4.5	143
435	Fracture fixation in the operative management of hip fractures (FAITH): an international, multicentre, randomised controlled trial. <i>Lancet, The</i> , 2017 , 389, 1519-1527	4.0	142
434	Compression plating versus intramedullary nailing of humeral shaft fractures--a meta-analysis. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2006 , 77, 279-84	4.3	142
433	Size Matters: Defining Critical in Bone Defect Size!. <i>Journal of Orthopaedic Trauma</i> , 2017 , 31 Suppl 5, S20-S22	3.1	141
432	A prospective, randomized clinical trial comparing an antibiotic-impregnated bioabsorbable bone substitute with standard antibiotic-impregnated cement beads in the treatment of chronic osteomyelitis and infected nonunion. <i>Journal of Orthopaedic Trauma</i> , 2010 , 24, 483-90	3.1	141
431	Measures of health-related quality of life and physical function. <i>Clinical Orthopaedics and Related Research</i> , 2003 , 90-105	2.2	140
430	Patient-oriented functional outcome after repair of distal biceps tendon ruptures using a single-incision technique. <i>Journal of Shoulder and Elbow Surgery</i> , 2005 , 14, 302-6	4.3	139

429	High and low pressure pulsatile lavage of contaminated tibial fractures: an in vitro study of bacterial adherence and bone damage. <i>Journal of Orthopaedic Trauma</i> , 1999 , 13, 526-33	3.1	129
428	Total Hip Arthroplasty or Hemiarthroplasty for Hip Fracture. <i>New England Journal of Medicine</i> , 2019 , 381, 2199-2208	59.2	127
427	Interobserver and intraobserver variation in the assessment of the healing of tibial fractures after intramedullary fixation. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2002 , 84, 15-8		119
426	Comparison of early and delayed fixation of subcapital hip fractures in patients sixty years of age or less. <i>Journal of Bone and Joint Surgery - Series A</i> , 2002 , 84, 1605-12	5.6	119
425	Determination of Radiographic Healing: An Assessment of Consistency Using RUST and Modified RUST in Metadiaphyseal Fractures. <i>Journal of Orthopaedic Trauma</i> , 2015 , 29, 516-20	3.1	114
424	Complications of intramedullary nailing for fractures of the humeral shaft: a review. <i>Journal of Orthopaedic Trauma</i> , 1999 , 13, 258-67	3.1	106
423	Product Differences in Intra-articular Hyaluronic Acids for Osteoarthritis of the Knee. <i>American Journal of Sports Medicine</i> , 2016 , 44, 2158-65	6.8	101
422	The radiographic union scale in tibial fractures: reliability and validity. <i>Journal of Orthopaedic Trauma</i> , 2010 , 24 Suppl 1, S81-6	3.1	99
421	Arthroscopic Repair for Chronic Massive Rotator Cuff Tears: A Systematic Review. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2015 , 31, 2472-80	5.4	98
420	OPERATIVE MANAGEMENT OF DISPLACED FEMORAL NECK FRACTURES IN ELDERLY PATIENTS. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005 , 87, 2122-2130	5.6	98
419	Survivorship analysis and radiographic outcome following tantalum rod insertion for osteonecrosis of the femoral head. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006 , 88 Suppl 3, 48-55	5.6	97
418	Salvage after severe lower-extremity trauma: are the outcomes worth the means?. <i>Plastic and Reconstructive Surgery</i> , 1999 , 103, 1212-20	2.7	97
417	Early detection of arterial bleeding in acute pelvic trauma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 47, 638-42	9.4	95
416	Outcome instruments: rationale for their use. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009 , 91 Suppl 3, 41-9	5.6	91
415	The Efficacy of Tranexamic Acid in Total Knee Arthroplasty: A Network Meta-Analysis. <i>Journal of Arthroplasty</i> , 2018 , 33, 3090-3098.e1	4.4	90
414	Cross-linked versus conventional polyethylene for total hip replacement: a meta-analysis of randomised controlled trials. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2011 , 93, 593-600		89
413	Femoral head lag screw position for cephalomedullary nails: a biomechanical analysis. <i>Journal of Orthopaedic Trauma</i> , 2012 , 26, 414-21	3.1	88
412	Prognostic factors for predicting outcomes after intramedullary nailing of the tibia. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012 , 94, 1786-93	5.6	87

411	Effect of cell-based VEGF gene therapy on healing of a segmental bone defect. <i>Journal of Orthopaedic Research</i> , 2009 , 27, 8-14	3.8	86
410	Heterotopic ossification in orthopaedic trauma. <i>Journal of Orthopaedic Trauma</i> , 2012 , 26, 684-8	3.1	86
409	Endothelial progenitor cells promote fracture healing in a segmental bone defect model. <i>Journal of Orthopaedic Research</i> , 2010 , 28, 1007-14	3.8	85
408	Managing bone defects. <i>Journal of Orthopaedic Trauma</i> , 2011 , 25, 462-6	3.1	83
407	Ultrasound for fracture healing: current evidence. <i>Journal of Orthopaedic Trauma</i> , 2010 , 24 Suppl 1, S56-61	3.1	82
406	When is a fracture healed? Radiographic and clinical criteria revisited. <i>Journal of Orthopaedic Trauma</i> , 2010 , 24 Suppl 1, S76-80	3.1	82
405	Does delay matter? The restoration of objectively measured shoulder strength and patient-oriented outcome after immediate fixation versus delayed reconstruction of displaced midshaft fractures of the clavicle. <i>Journal of Shoulder and Elbow Surgery</i> , 2007 , 16, 514-8	4.3	81
404	Interobserver agreement in the application of levels of evidence to scientific papers in the American volume of the <i>Journal of Bone and Joint Surgery - Series A</i> , 2004 , 86, 1717-20	5.6	78
403	Internet versus mailed questionnaires: a randomized comparison (2). <i>Journal of Medical Internet Research</i> , 2004 , 6, e30	7.6	78
402	Femoral intramedullary nailing: comparison of fracture-table and manual traction. a prospective, randomized study. <i>Journal of Bone and Joint Surgery - Series A</i> , 2002 , 84, 1514-21	5.6	77
401	Arthroscopy-assisted fracture fixation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2011 , 19, 320-9	5.5	76
400	Surgeons' preferences for the operative treatment of fractures of the tibial shaft. An international survey. <i>Journal of Bone and Joint Surgery - Series A</i> , 2001 , 83, 1746-52	5.6	75
399	Do foot injuries significantly affect the functional outcome of multiply injured patients?. <i>Journal of Orthopaedic Trauma</i> , 1999 , 13, 1-4	3.1	75
398	Early Weightbearing and Range of Motion Versus Non-Weightbearing and Immobilization After Open Reduction and Internal Fixation of Unstable Ankle Fractures: A Randomized Controlled Trial. <i>Journal of Orthopaedic Trauma</i> , 2016 , 30, 345-52	3.1	75
397	Critical-Size Bone Defects: Is There a Consensus for Diagnosis and Treatment?. <i>Journal of Orthopaedic Trauma</i> , 2018 , 32 Suppl 1, S7-S11	3.1	74
396	Tranexamic Acid Use in Total Joint Arthroplasty: The Clinical Practice Guidelines Endorsed by the American Association of Hip and Knee Surgeons, American Society of Regional Anesthesia and Pain Medicine, American Academy of Orthopaedic Surgeons, Hip Society, and Knee Society. <i>Journal of Arthroplasty</i> , 2018 , 33, 3065-3069	4.4	73
395	Biomechanical evaluation of extramedullary versus intramedullary fixation for reverse obliquity intertrochanteric fractures. <i>Journal of Orthopaedic Trauma</i> , 2009 , 23, 31-8	3.1	72
394	The efficacy of low-pressure lavage with different irrigating solutions to remove adherent bacteria from bone. <i>Journal of Bone and Joint Surgery - Series A</i> , 2001 , 83, 412-9	5.6	72

393	Hierarchy of evidence: where observational studies fit in and why we need them. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009 , 91 Suppl 3, 2-9	5.6	70
392	Study to prospectively evaluate reamed intramedullary nails in patients with tibial fractures (S.P.R.I.N.T.): study rationale and design. <i>BMC Musculoskeletal Disorders</i> , 2008 , 9, 91	2.8	70
391	Intramedullary versus extramedullary fixation for subtrochanteric femur fractures. <i>Journal of Orthopaedic Trauma</i> , 2009 , 23, 465-70	3.1	69
390	The biomechanics of locked plating for repairing proximal humerus fractures with or without medial cortical support. <i>Journal of Trauma</i> , 2010 , 69, 1235-42		69
389	Systematic review of the treatment of periprosthetic distal femur fractures. <i>Journal of Orthopaedic Trauma</i> , 2014 , 28, 307-12	3.1	68
388	The science of electrical stimulation therapy for fracture healing. <i>Indian Journal of Orthopaedics</i> , 2009 , 43, 127-31	1.3	67
387	The Efficacy of Tranexamic Acid in Total Hip Arthroplasty: A Network Meta-analysis. <i>Journal of Arthroplasty</i> , 2018 , 33, 3083-3089.e4	4.4	66
386	Total Hip Arthroplasty After Acetabular Fracture Is Associated With Lower Survivorship and More Complications. <i>Clinical Orthopaedics and Related Research</i> , 2016 , 474, 392-8	2.2	65
385	External fixation versus open reduction with plate fixation for distal radius fractures: a meta-analysis of randomised controlled trials. <i>Injury</i> , 2013 , 44, 409-16	2.5	65
384	A randomized, controlled trial of distal radius fractures with metaphyseal displacement but without joint incongruity: closed reduction and casting versus closed reduction, spanning external fixation, and optional percutaneous K-wires. <i>Journal of Orthopaedic Trauma</i> , 2006 , 20, 115-21	3.1	65
383	The Safety of Tranexamic Acid in Total Joint Arthroplasty: A Direct Meta-Analysis. <i>Journal of Arthroplasty</i> , 2018 , 33, 3070-3082.e1	4.4	64
382	Growth factors and bone regeneration: how much bone can we expect?. <i>Injury</i> , 2011 , 42, 574-9	2.5	63
381	Methods of operative fixation of the acromio-clavicular joint: a biomechanical comparison. <i>Journal of Orthopaedic Trauma</i> , 2007 , 21, 248-53	3.1	63
380	Relationship of mechanical factors to the strength of proximal femur fractures fixed with cancellous screws. <i>Journal of Orthopaedic Trauma</i> , 1996 , 10, 248-57	3.1	63
379	Outcomes of unilateral and bilateral total knee arthroplasty in 238,373 patients. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016 , 87 Suppl 1, 24-30	4.3	62
378	Biomechanical properties of an advanced new carbon/flax/epoxy composite material for bone plate applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013 , 20, 398-406	4.1	62
377	The basic science of peri-implant bone healing. <i>Indian Journal of Orthopaedics</i> , 2011 , 45, 108-15	1.3	62
376	Pulmonary effects of fixation of a fracture with a plate compared with intramedullary nailing. A canine model of fat embolism and fracture fixation. <i>Journal of Bone and Joint Surgery - Series A</i> , 1997 , 79, 984-96	5.6	62

375	The biomechanical analysis of three plating fixation systems for periprosthetic femoral fracture near the tip of a total hip arthroplasty. <i>Journal of Orthopaedic Surgery and Research</i> , 2010 , 5, 45	2.8	61
374	Cortical screw purchase in synthetic and human femurs. <i>Journal of Biomechanical Engineering</i> , 2009 , 131, 094503	2.1	60
373	Use of both Short Musculoskeletal Function Assessment questionnaire and Short Form-36 among tibial-fracture patients was redundant. <i>Journal of Clinical Epidemiology</i> , 2009 , 62, 1210-7	5.7	59
372	Interobserver reliability of the young-burgess and tile classification systems for fractures of the pelvic ring. <i>Journal of Orthopaedic Trauma</i> , 2008 , 22, 379-84	3.1	58
371	Effect of humeral condylar resection on strength and functional outcome after semiconstrained total elbow arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2003 , 85, 802-7	5.6	58
370	Salvage of failed hip fracture fixation. <i>Journal of Orthopaedic Trauma</i> , 2009 , 23, 471-8	3.1	57
369	Cyclic loading of periprosthetic fracture fixation constructs. <i>Journal of Trauma</i> , 2008 , 64, 1308-12		57
368	Assessment of clinical practice guideline methodology for the treatment of knee osteoarthritis with intra-articular hyaluronic acid. <i>Seminars in Arthritis and Rheumatism</i> , 2015 , 45, 132-9	5.3	56
367	Bone morphogenetic proteins in open fractures: past, present, and future. <i>Injury</i> , 2009 , 40 Suppl 3, S27-31	5	56
366	Do corticosteroids reduce the risk of fat embolism syndrome in patients with long-bone fractures? A meta-analysis. <i>Canadian Journal of Surgery</i> , 2009 , 52, 386-93	2	56
365	Total hip arthroplasty following failure of free vascularized fibular graft. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006 , 88 Suppl 3, 110-5	5.6	54
364	The effect of smoking on clinical outcome and complication rates following Ilizarov reconstruction. <i>Journal of Orthopaedic Trauma</i> , 2003 , 17, 663-7	3.1	53
363	The biomechanical effect of high-pressure irrigation on diaphyseal fracture healing in vivo. <i>Journal of Orthopaedic Trauma</i> , 2002 , 16, 413-7	3.1	53
362	Biomechanical properties of an intact, injured, repaired, and healed femur: an experimental and computational study. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012 , 16, 121-35	4.1	52
361	(Mis)perceptions about intimate partner violence in women presenting for orthopaedic care: a survey of Canadian orthopaedic surgeons. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008 , 90, 1590-7	5.6	52
360	Psychological distress and quality of life after orthopedic trauma: an observational study. <i>Canadian Journal of Surgery</i> , 2008 , 51, 15-22	2	52
359	Growth factors: beyond bone morphogenetic proteins. <i>Journal of Orthopaedic Trauma</i> , 2010 , 24, 543-6	3.1	51
358	Fluid lavage in patients with open fracture wounds (FLOW): an international survey of 984 surgeons. <i>BMC Musculoskeletal Disorders</i> , 2008 , 9, 7	2.8	51

357	Outcomes following plate fixation of fractures of both bones of the forearm in adults. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007 , 89, 2619-24	5.6	50
356	Effects of socioeconomic status on patients' outcome after total knee arthroplasty. <i>International Journal for Quality in Health Care</i> , 2008 , 20, 40-6	1.9	49
355	Prevalence of abuse and intimate partner violence surgical evaluation (PRAISE) in orthopaedic fracture clinics: a multinational prevalence study. <i>Lancet, The</i> , 2013 , 382, 866-76	4.0	48
354	Biomechanical analysis of a new carbon fiber/flux/epoxy bone fracture plate shows less stress shielding compared to a standard clinical metal plate. <i>Journal of Biomechanical Engineering</i> , 2014 , 136, 091002	2.1	48
353	Cortical screw pullout strength and effective shear stress in synthetic third generation composite femurs. <i>Journal of Biomechanical Engineering</i> , 2007 , 129, 289-93	2.1	48
352	Effect of muscle flap coverage on bone blood flow following devascularization of a segment of tibia: an experimental investigation in the dog. <i>Journal of Orthopaedic Research</i> , 1989 , 7, 550-8	3.8	48
351	What are the predictors and prevalence of pseudotumor and elevated metal ions after large-diameter metal-on-metal THA?. <i>Clinical Orthopaedics and Related Research</i> , 2015 , 473, 477-84	2.2	47
350	A biomechanical comparison of two triple-screw methods for femoral neck fracture fixation in a synthetic bone model. <i>Journal of Trauma</i> , 2010 , 69, 1537-44		47
349	Fixation of long bone segmental defects: a biomechanical study. <i>Injury</i> , 2008 , 39, 181-6	2.5	47
348	Current practice in the intramedullary nailing of tibial shaft fractures: an international survey. <i>Journal of Trauma</i> , 2002 , 53, 725-32		47
347	Pulmonary and systemic fat embolization after medullary canal pressurization: a hemodynamic and histologic investigation in the dog. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 45, 738-42	9.4	47
346	Surgical fixation of Vancouver type B1 periprosthetic femur fractures: a systematic review. <i>Journal of Orthopaedic Trauma</i> , 2014 , 28, 721-7	3.1	46
345	The use of hospital registries in orthopaedic surgery. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009 , 91 Suppl 3, 68-72	5.6	46
344	Healing Time and Complications in Operatively Treated Atypical Femur Fractures Associated With Bisphosphonate Use: A Multicenter Retrospective Cohort. <i>Journal of Orthopaedic Trauma</i> , 2016 , 30, 177-81	3.1	45
343	Intra-articular hyaluronic acid in the treatment of knee osteoarthritis: a Canadian evidence-based perspective. <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2017 , 9, 231-246	3.8	44
342	Resolving controversies in hip fracture care: the need for large collaborative trials in hip fractures. <i>Journal of Orthopaedic Trauma</i> , 2009 , 23, 479-84	3.1	44
341	Perception of Garden's classification for femoral neck fractures: an international survey of 298 orthopaedic trauma surgeons. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2005 , 125, 503-5	3.6	43
340	Immobilization in External Rotation Versus Internal Rotation After Primary Anterior Shoulder Dislocation: A Meta-analysis of Randomized Controlled Trials. <i>American Journal of Sports Medicine</i> , 2016 , 44, 521-32	6.8	42

339	Hip fracture evaluation with alternatives of total hip arthroplasty versus hemiarthroplasty (HEALTH): protocol for a multicentre randomised trial. <i>BMJ Open</i> , 2015 , 5, e006263	3	41
338	Operative management of lower extremity fractures in patients with head injuries. <i>Clinical Orthopaedics and Related Research</i> , 2003 , 187-98	2.2	41
337	Comparison of different outcome instruments following foot and ankle trauma. <i>Foot and Ankle International</i> , 2010 , 31, 1075-80	3.3	40
336	A biomechanical comparison of two methods of fixation of fractures of the forearm. <i>Journal of Orthopaedic Trauma</i> , 1995 , 9, 198-206	3.1	40
335	Total medical costs of treating femoral neck fracture patients with hemi- or total hip arthroplasty: a cost analysis of a multicenter prospective study. <i>Osteoporosis International</i> , 2016 , 27, 1999-2008	5.3	40
334	The biomechanical effect of artificial and human bone density on stopping and stripping torque during screw insertion. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013 , 22, 146-56	4.1	39
333	Irreducible fracture-dislocation of the hip: a severe injury with a poor prognosis. <i>Journal of Orthopaedic Trauma</i> , 1998 , 12, 223-9	3.1	39
332	The biomechanics of ipsilateral intertrochanteric and femoral shaft fractures: a comparison of 5 fracture fixation techniques. <i>Journal of Orthopaedic Trauma</i> , 2008 , 22, 517-24	3.1	38
331	Effect of unreamed, limited reamed, and standard reamed intramedullary nailing on cortical bone porosity and new bone formation. <i>Journal of Orthopaedic Trauma</i> , 2001 , 15, 18-27	3.1	38
330	High-pressure irrigation increases adipocyte-like cells at the expense of osteoblasts in vitro. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2002 , 84, 1054-61		38
329	A biomechanical and finite element analysis of femoral neck notching during hip resurfacing. <i>Journal of Biomechanical Engineering</i> , 2009 , 131, 041002	2.1	37
328	A randomized trial of opinion leader endorsement in a survey of orthopaedic surgeons: effect on primary response rates. <i>International Journal of Epidemiology</i> , 2003 , 32, 634-6	7.8	37
327	Tranexamic acid in total joint arthroplasty: the endorsed clinical practice guides of the American Association of Hip and Knee Surgeons, American Society of Regional Anesthesia and Pain Medicine, American Academy of Orthopaedic Surgeons, Hip Society, and Knee Society. <i>Regional Anesthesia and Pain Medicine</i> , 2019 , 44, 7-11	3.4	36
326	Infection in Orthopaedics. <i>Journal of Orthopaedic Trauma</i> , 2015 , 29 Suppl 12, S19-23	3.1	36
325	Critical-sized defect in the tibia: is it critical? Results from the SPRINT trial. <i>Journal of Orthopaedic Trauma</i> , 2014 , 28, 632-5	3.1	35
324	Endothelial progenitor cells for fracture healing: a microcomputed tomography and biomechanical analysis. <i>Journal of Orthopaedic Trauma</i> , 2011 , 25, 467-71	3.1	35
323	The evidence-based approach in bringing new orthopaedic devices to market. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010 , 92, 1030-7	5.6	35
322	Outcomes assessment in fracture healing trials: a primer. <i>Journal of Orthopaedic Trauma</i> , 2010 , 24 Suppl 1, S71-5	3.1	35

321	Bone formation following intramedullary femoral reaming is decreased by indomethacin and antibodies to insulin-like growth factors. <i>Journal of Orthopaedic Trauma</i> , 2002 , 16, 717-22	3.1	35
320	Computer-assisted trauma surgery. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , 2010 , 18, 247-58	4.5	35
319	Limiting loss to follow-up in a multicenter randomized trial in orthopedic surgery. <i>Contemporary Clinical Trials</i> , 2003 , 24, 719-25		35
318	A prospective, randomized clinical trial comparing tibial nailing using fracture table traction versus manual traction. <i>Journal of Orthopaedic Trauma</i> , 1999 , 13, 463-9	3.1	35
317	GERIATRIC TRAUMA. <i>Journal of Bone and Joint Surgery - Series A</i> , 2003 , 85, 1380-1388	5.6	34
316	Effect of distal humeral varus deformity on strain in the lateral ulnar collateral ligament and ulnohumeral joint stability. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004 , 86, 2235-42	5.6	33
315	The effect of a femoral fracture on concomitant closed head injury in patients with multiple injuries. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 42, 1041-5	9.4	33
314	Biomechanical analysis of plate osteosynthesis systems for proximal humerus fractures. <i>Journal of Orthopaedic Trauma</i> , 2008 , 22, 23-9	3.1	32
313	Combined single-stage osseous and soft tissue reconstruction of the tibia with the Ilizarov method and tissue transfer. <i>Journal of Orthopaedic Trauma</i> , 2008 , 22, 183-9	3.1	32
312	Influence of plate design on cortical bone perfusion and fracture healing in canine segmental tibial fractures. <i>Journal of Orthopaedic Trauma</i> , 1999 , 13, 178-86	3.1	32
311	A comparative biomechanical evaluation of a noncontacting plate and currently used devices for tibial fixation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996 , 40, 5-9	9.4	32
310	Quantitative assessment of bone injury and repair after reamed and unreamed locked intramedullary nailing. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 45, 250-5	9.4	32
309	Operative Stabilization of Flail Chest Injuries Reduces Mortality to That of Stable Chest Wall Injuries. <i>Journal of Orthopaedic Trauma</i> , 2018 , 32, 15-21	3.1	31
308	A randomized controlled trial comparing Oxinium and cobalt-chrome on standard and cross-linked polyethylene. <i>Journal of Arthroplasty</i> , 2014 , 29, 164-8	4.4	31
307	A preliminary biomechanical study of a novel carbon-fibre hip implant versus standard metallic hip implants. <i>Medical Engineering and Physics</i> , 2011 , 33, 121-8	2.4	31
306	The undue influence of significant p-values on the perceived importance of study results. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2005 , 76, 291-295	4.3	31
305	Femoral Neck Shortening After Hip Fracture Fixation Is Associated With Inferior Hip Function: Results From the FAITH Trial. <i>Journal of Orthopaedic Trauma</i> , 2019 , 33, 487-496	3.1	31
304	Diabetes and Healing Outcomes in Lower Extremity Fractures: A Systematic Review. <i>Injury</i> , 2018 , 49, 177-183	2.5	30

303	Prognostic Factors for Reoperation After Plate Fixation of the Midshaft Clavicle. <i>Journal of Orthopaedic Trauma</i> , 2015 , 29, 533-7	3.1	30
302	Biomechanical measurements of surgical drilling force and torque in human versus artificial femurs. <i>Journal of Biomechanical Engineering</i> , 2012 , 134, 124503	2.1	30
301	Dynamizations and Exchanges: Success Rates and Indications. <i>Journal of Orthopaedic Trauma</i> , 2015 , 29, 569-73	3.1	29
300	Periprosthetic distal femur fractures: current concepts. <i>Journal of Orthopaedic Trauma</i> , 2011 , 25 Suppl 2, S82-5	3.1	29
299	Interobserver reliability of classification systems to rate the quality of femoral neck fracture reduction. <i>Journal of Orthopaedic Trauma</i> , 2009 , 23, 408-12	3.1	29
298	Improving reliability in the classification of fractures of the acetabulum. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2003 , 123, 228-33	3.6	29
297	Primary external fixation of rotationally unstable pelvic fractures in obese patients. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 45, 111-5	9.4	29
296	Viscosupplementation in Knee Osteoarthritis: Evidence Revisited. <i>JBJS Reviews</i> , 2016 , 4, e11-e111	2.6	29
295	Osteogenesis and cytotoxicity of a new Carbon Fiber/Flax/Epoxy composite material for bone fracture plate applications. <i>Materials Science and Engineering C</i> , 2015 , 46, 435-42	8.3	28
294	Reaming Does Not Affect Functional Outcomes After Open and Closed Tibial Shaft Fractures: The Results of a Randomized Controlled Trial. <i>Journal of Orthopaedic Trauma</i> , 2016 , 30, 142-8	3.1	28
293	Ideal tibial intramedullary nail insertion point varies with tibial rotation. <i>Journal of Orthopaedic Trauma</i> , 2011 , 25, 726-30	3.1	28
292	Function plateaus by one year in patients with surgically treated displaced midshaft clavicle fractures. <i>Clinical Orthopaedics and Related Research</i> , 2011 , 469, 3351-5	2.2	28
291	Technical considerations in the operative management of femoral neck fractures in elderly patients: a multinational survey. <i>Journal of Trauma</i> , 2007 , 63, 641-6		28
290	Re-evaluation of low intensity pulsed ultrasound in treatment of tibial fractures (TRUST): randomized clinical trial. <i>BMJ, The</i> , 2016 , 355, i5351	5.9	27
289	The prevalence of intimate partner violence across orthopaedic fracture clinics in Ontario. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011 , 93, 132-41	5.6	27
288	The effect of comorbidity and duration of nonunion on outcome after surgical treatment for nonunion of the humerus. <i>Journal of Shoulder and Elbow Surgery</i> , 1998 , 7, 127-33	4.3	27
287	Characterization of silica-based and borate-based, titanium-containing bioactive glasses for coating metallic implants. <i>Journal of Non-Crystalline Solids</i> , 2016 , 433, 95-102	3.9	26
286	(Sample) size matters! An examination of sample size from the SPRINT trial study to prospectively evaluate reamed intramedullary nails in patients with tibial fractures. <i>Journal of Orthopaedic Trauma</i> , 2013 , 27, 183-8	3.1	26

285	A biomechanical comparison of epiphyseal versus metaphyseal fixed bone-conserving hip arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011 , 93 Suppl 2, 122-7	5.6	26
284	The influence of the number of cortices of screw purchase and ankle position in Weber C ankle fracture fixation. <i>Journal of Orthopaedic Trauma</i> , 2008 , 22, 473-8	3.1	26
283	Subcapital hip fractures: the Garden classification should be replaced, not collapsed. <i>Canadian Journal of Surgery</i> , 2002 , 45, 411-4	2	26
282	Pathophysiological effect of fat embolism in a canine model of pulmonary contusion. <i>Journal of Bone and Joint Surgery - Series A</i> , 1999 , 81, 1155-64	5.6	26
281	A Randomized, Placebo-Controlled Study of Romosozumab for the Treatment of Hip Fractures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020 , 102, 693-702	5.6	26
280	Quality of life and educational benefit among orthopedic surgery residents: a prospective, multicentre comparison of the night float and the standard call systems. <i>Canadian Journal of Surgery</i> , 2011 , 54, 25-32	2	25
279	Outcome of foot injuries in multiply injured patients. <i>Orthopedic Clinics of North America</i> , 2001 , 32, 193-204, x	3.5	25
278	Fractures below the end of locking humeral nails: a report of three cases. <i>Journal of Orthopaedic Trauma</i> , 1996 , 10, 500-4	3.1	25
277	Factors Associated With Revision Surgery After Internal Fixation of Hip Fractures. <i>Journal of Orthopaedic Trauma</i> , 2018 , 32, 223-230	3.1	24
276	The effect of screw pullout rate on screw purchase in synthetic cancellous bone. <i>Journal of Biomechanical Engineering</i> , 2009 , 131, 024501	2.1	24
275	Virtual fracture carving improves understanding of a complex fracture: a randomized controlled study. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012 , 94, e182	5.6	24
274	The role of total hip replacement in intertrochanteric fractures of the femur. <i>Clinical Orthopaedics and Related Research</i> , 2004 , 49-53	2.2	24
273	Quality in the reporting of randomized trials in surgery: is the Jadad scale reliable?. <i>Contemporary Clinical Trials</i> , 2001 , 22, 687-8		24
272	Biomechanical Concepts for Fracture Fixation. <i>Journal of Orthopaedic Trauma</i> , 2015 , 29 Suppl 12, S28-33	3.1	23
271	Expression of VEGF gene isoforms in a rat segmental bone defect model treated with EPCs. <i>Journal of Orthopaedic Trauma</i> , 2012 , 26, 689-92	3.1	23
270	Use of a hinged external fixator for elbow instability after severe distal humeral fracture. <i>Journal of Orthopaedic Trauma</i> , 2000 , 14, 442-5	3.1	23
269	Muscle perfusion after intramedullary nailing of the canine tibia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 45, 256-62	9.4	23
268	The Ideal Total Hip Replacement Bearing Surface in the Young Patient: A Prospective Randomized Trial Comparing Alumina Ceramic-On-Ceramic With Ceramic-On-Conventional Polyethylene: 15-Year Follow-Up. <i>Journal of Arthroplasty</i> , 2018 , 33, 1752-1756	4.4	22

267	Bipolar clavicle injury: posterior dislocation of the acromioclavicular joint with anterior dislocation of the sternoclavicular joint: a report of two cases. <i>Journal of Shoulder and Elbow Surgery</i> , 2011 , 20, e18-22	4.3	22
266	Effect of prior Salter or Chiari osteotomy on THA with developmental hip dysplasia. <i>Clinical Orthopaedics and Related Research</i> , 2011 , 469, 237-43	2.2	22
265	The reliability of radiographic assessment of femoral neck-shaft and implant angulation in hip resurfacing arthroplasty. <i>Journal of Arthroplasty</i> , 2009 , 24, 333-40	4.4	22
264	Functional outcome of acromioclavicular joint injury in polytrauma patients. <i>Journal of Orthopaedic Trauma</i> , 1998 , 12, 159-63	3.1	22
263	Isolated acetabular revision after total hip arthroplasty: results at 5-9 years of follow-up. <i>International Orthopaedics</i> , 2005 , 29, 277-80	3.8	21
262	The biomechanical effect of anteversion and modular neck offset on stress shielding for short-stem versus conventional long-stem hip implants. <i>Medical Engineering and Physics</i> , 2016 , 38, 232-40	2.4	20
261	Plate fixation for management of humerus fractures. <i>Injury</i> , 2018 , 49 Suppl 1, S33-S38	2.5	20
260	Primary and Secondary Total Knee Arthroplasty for Tibial Plateau Fractures. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , 2018 , 26, 386-395	4.5	20
259	Evidence gaps in the global decade of road traffic safety. <i>Journal of Orthopaedic Trauma</i> , 2014 , 28 Suppl 1, S15-7	3.1	20
258	A biomechanical assessment of modular and monoblock revision hip implants using FE analysis and strain gage measurements. <i>Journal of Orthopaedic Surgery and Research</i> , 2010 , 5, 34	2.8	20
257	Titanium addition influences antibacterial activity of bioactive glass coatings on metallic implants. <i>Heliyon</i> , 2017 , 3, e00420	3.6	19
256	Biomechanical stress maps of an artificial femur obtained using a new infrared thermography technique validated by strain gages. <i>Medical Engineering and Physics</i> , 2012 , 34, 1496-502	2.4	19
255	Fluid lavage of open wounds (FLOW): a multicenter, blinded, factorial pilot trial comparing alternative irrigating solutions and pressures in patients with open fractures. <i>Journal of Trauma</i> , 2011 , 71, 596-606		19
254	Development and validation of an instrument to predict functional recovery in tibial fracture patients: the Somatic Pre-Occupation and Coping (SPOC) questionnaire. <i>Journal of Orthopaedic Trauma</i> , 2012 , 26, 370-8	3.1	19
253	DEFICITS FOLLOWING NONOPERATIVE TREATMENT OF DISPLACED MIDSHAFT CLAVICULAR FRACTURES. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006 , 88, 35-40	5.6	19
252	Patellar Resurfacing in Primary Total Knee Arthroplasty: A Meta-Analysis of Randomized Controlled Trials. <i>Journal of Arthroplasty</i> , 2019 , 34, 3124-3132	4.4	18
251	Orthopaedic surgeons' knowledge and misconceptions in the identification of intimate partner violence against women. <i>Clinical Orthopaedics and Related Research</i> , 2013 , 471, 1074-80	2.2	18
250	Does flattery work? A comparison of 2 different cover letters for an international survey of orthopedic surgeons. <i>Canadian Journal of Surgery</i> , 2006 , 49, 90-5	2	18

249	Comparative biomechanical evaluation of different external fixation sidebars: stainless-steel tubes versus carbon fiber rods. <i>Journal of Orthopaedic Trauma</i> , 1996 , 10, 470-5	3.1	18
248	Are Locking Constructs in Distal Femoral Fractures Always Best? A Prospective Multicenter Randomized Controlled Trial Comparing the Less Invasive Stabilization System With the Minimally Invasive Dynamic Condylar Screw System. <i>Journal of Orthopaedic Trauma</i> , 2016 , 30, e1-6	3.1	18
247	Intimate partner violence and musculoskeletal injury: bridging the knowledge gap in orthopaedic fracture clinics. <i>BMC Musculoskeletal Disorders</i> , 2013 , 14, 23	2.8	17
246	Assessment of Fracture Repair. <i>Journal of Orthopaedic Trauma</i> , 2015 , 29 Suppl 12, S57-61	3.1	17
245	An emerging cell-based strategy in orthopaedics: endothelial progenitor cells. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2012 , 20, 1366-77	5.5	17
244	Patient preferences before and after total knee arthroplasty. <i>Journal of Clinical Epidemiology</i> , 2010 , 63, 774-82	5.7	17
243	Principles and practice of clinical research course for surgeons: an evaluation of knowledge transfer and perceptions. <i>Canadian Journal of Surgery</i> , 2012 , 55, 46-52	2	17
242	Minimally invasive hip fracture surgery: are outcomes better?. <i>Journal of Orthopaedic Trauma</i> , 2009 , 23, 447-53	3.1	17
241	Total hip arthroplasty following failure of core decompression and tantalum rod implantation. <i>Bone and Joint Journal</i> , 2016 , 98-B, 1175-9	5.6	17
240	Does Time to Surgery Affect Outcomes for Periprosthetic Femur Fractures?. <i>Journal of Arthroplasty</i> , 2018 , 33, 878-881	4.4	17
239	Defining the errors in the registration process during imageless computer navigation in total knee arthroplasty: a cadaveric study. <i>Journal of Arthroplasty</i> , 2014 , 29, 698-701	4.4	16
238	Where is the patient in models of patient-centred care: a grounded theory study of total joint replacement patients. <i>BMC Health Services Research</i> , 2013 , 13, 531	2.9	16
237	Evidence based recommendations for reducing head-neck taper connection fretting corrosion in hip replacement prostheses. <i>HIP International</i> , 2017 , 27, 523-531	1.7	16
236	Evaluation of a patient specific femoral alignment guide for hip resurfacing. <i>Journal of Arthroplasty</i> , 2014 , 29, 590-5	4.4	16
235	Is a subgroup claim believable? A user's guide to subgroup analyses in the surgical literature. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011 , 93, e8	5.6	16
234	Screening for intimate partner violence in orthopedic patients: a comparison of three screening tools. <i>Journal of Interpersonal Violence</i> , 2012 , 27, 881-98	2.2	16
233	The relative importance of intramedullary, intracortical, and extraosseous soft-tissue blood flow to the repair of devascularized canine tibial cortex. <i>Annals of Plastic Surgery</i> , 1997 , 38, 623-31	1.7	16
232	Trial to re-evaluate ultrasound in the treatment of tibial fractures (TRUST): a multicenter randomized pilot study. <i>Trials</i> , 2014 , 15, 206	2.8	15

231	Computer navigation in the reduction and fixation of femoral shaft fractures: a randomized control study. <i>Injury</i> , 2012 , 43, 749-56	2.5	15
230	Economic evaluation of reamed versus unreamed intramedullary nailing in patients with closed and open tibial fractures: results from the study to prospectively evaluate reamed intramedullary nails in patients with tibial fractures (SPRINT). <i>Value in Health</i> , 2011 , 14, 450-7	3.3	15
229	Linear and torsional mechanical characteristics of intact and reconstructed scapholunate ligaments. <i>Journal of Biomechanical Engineering</i> , 2009 , 131, 041009	2.1	15
228	Romozumab in Skeletally Mature Adults with a Fresh Unilateral Tibial Diaphyseal Fracture: A Randomized Phase-2 Study. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020 , 102, 1416-1426	5.6	15
227	A Comparison of Treatment Effects for Nonsurgical Therapies and the Minimum Clinically Important Difference in Knee Osteoarthritis: A Systematic Review. <i>JBJS Reviews</i> , 2019 , 7, e5	2.6	15
226	Experimental Validation of the Radiographic Union Score for Tibial Fractures (RUST) Using Micro-Computed Tomography Scanning and Biomechanical Testing in an in-Vivo Rat Model. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018 , 100, 1871-1878	5.6	15
225	Biomechanical Analysis Using FEA and Experiments of Metal Plate and Bone Strut Repair of a Femur Midshaft Segmental Defect. <i>BioMed Research International</i> , 2018 , 2018, 4650308	3	15
224	Reliability, validity, and responsiveness of the Western Ontario and McMaster Universities Osteoarthritis Index for elderly patients with a femoral neck fracture. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015 , 97, 751-7	5.6	14
223	Orthopaedic surgeons' opinions surrounding the management of proximal humerus fractures: an international survey. <i>International Orthopaedics</i> , 2017 , 41, 1749-1755	3.8	14
222	Biomechanical measurements of cortical screw purchase in five types of human and artificial humeri. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014 , 30, 159-67	4.1	14
221	Outcome assessment in hip fracture: evaluation of the practicality of commonly-used outcomes in hip fracture studies. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011 , 131, 1687-95	3.6	14
220	Gene therapy for fracture healing. <i>Journal of Orthopaedic Trauma</i> , 2010 , 24 Suppl 1, S17-24	3.1	14
219	A preliminary biomechanical assessment of a polymer composite hip implant using an infrared thermography technique validated by strain gage measurements. <i>Journal of Biomechanical Engineering</i> , 2011 , 133, 074503	2.1	14
218	Design, conduct, and interpretation of nonrandomized orthopaedic studies: a practical approach. (All) evidence matters. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009 , 91 Suppl 3, 1	5.6	14
217	An evidence-based approach to the adoption of new technology. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009 , 91 Suppl 3, 95-8	5.6	14
216	Humeral shaft fractures as predictors of intra-abdominal injury in motor vehicle collision victims. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2002 , 122, 5-9	3.6	14
215	Silica-Based and Borate-Based, Titania-Containing Bioactive Coatings Characterization: Critical Strain Energy Release Rate, Residual Stresses, Hardness, and Thermal Expansion. <i>Journal of Functional Biomaterials</i> , 2016 , 7,	4.8	14
214	Open fractures of the tibial shaft: an update. <i>Instructional Course Lectures</i> , 2003 , 52, 623-31	1.3	14

213	Isolated Head and Liner Exchange in Revision Hip Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2017 , 25, 288-296	4.5	13
212	Long-term outcomes of total elbow arthroplasty for distal humeral fracture: results from a prior randomized clinical trial. <i>Journal of Shoulder and Elbow Surgery</i> , 2019 , 28, 2198-2204	4.3	13
211	Managing AVN following internal fixation: treatment options and clinical results. <i>Injury</i> , 2015 , 46, 497-506	5	13
210	Antegrade versus retrograde nailing techniques and trochanteric versus piriformis intramedullary nailing entry points for femoral shaft fractures: a systematic review and meta-analysis. <i>Canadian Journal of Surgery</i> , 2017 , 60, 19-29	2	13
209	An international, cross-sectional survey of the management of Vancouver type B1 periprosthetic femoral fractures around total hip arthroplasties. <i>Injury</i> , 2018 , 49, 364-369	2.5	13
208	Hot topics in biomechanically directed fracture fixation. <i>Journal of Orthopaedic Trauma</i> , 2014 , 28 Suppl 1, S32-5	3.1	13
207	The biomechanics of three different fracture fixation implants for distal femur repair in the presence of a tumor-like defect. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2013 , 227, 78-86	1.7	13
206	The effect of intramedullary reaming on a diaphyseal bone defect of the tibia. <i>Journal of Trauma</i> , 2011 , 70, 1248-56		13
205	Stem cells for the repair and regeneration of bone. <i>Indian Journal of Orthopaedics</i> , 2012 , 46, 19-21	1.3	13
204	A biomechanical comparison of static versus dynamic lag screw modes for cephalomedullary nails used to fix unstable peritrochanteric fractures. <i>Journal of Trauma</i> , 2012 , 72, E65-70		13
203	A biomechanical investigation of implant alignment and femoral neck notching with the Birmingham Mid-Head Resection. <i>Journal of Arthroplasty</i> , 2010 , 25, 112-7	4.4	13
202	Biology versus mechanics in the treatment of distal radial fractures. <i>Journal of Orthopaedic Trauma</i> , 2008 , 22, S91-5	3.1	13
201	Classifying failed hip arthroplasty: generalizability of reliability and validity. <i>Clinical Orthopaedics and Related Research</i> , 2003 , 171-9	2.2	13
200	An observational study of duplicate presentation rates between two national orthopedic meetings. <i>Canadian Journal of Surgery</i> , 2005 , 48, 117-22	2	13
199	Quantitative evaluation of the adhesion of bioactive glasses onto Ti6Al4V substrates. <i>Materials and Design</i> , 2016 , 97, 213-221	8.1	13
198	The treatment of atrophic, recalcitrant long-bone nonunion in the upper extremity with human recombinant bone morphogenetic protein-7 (rhBMP-7) and plate fixation: A retrospective review. <i>Injury</i> , 2016 , 47, 356-63	2.5	12
197	Predictors of femoral neck fracture following hip resurfacing: a cadaveric study. <i>Journal of Arthroplasty</i> , 2013 , 28, 110-6	4.4	12
196	Biomechanical measurements of stopping and stripping torques during screw insertion in five types of human and artificial humeri. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2014 , 228, 446-455	1.7	12

195	Patient opinions of screening for intimate partner violence in a fracture clinic setting: P.O.S.I.T.I.V.E.: a multicenter study. <i>Journal of Bone and Joint Surgery - Series A</i> , 2013 , 95, e91	5.6	12
194	The biomechanical effect of proximal tumor defect location on femur pathological fractures. <i>Journal of Orthopaedic Trauma</i> , 2013 , 27, e174-80	3.1	12
193	The need to standardize functional outcome in randomized trials of hip fracture: a review using the ICF framework. <i>Journal of Orthopaedic Trauma</i> , 2013 , 27, e1-8	3.1	12
192	A comparison of conventional guidewire alignment jigs with imageless computer navigation in hip resurfacing arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010 , 92, 1834-41	5.6	12
191	Use of osteobiologics in the management of osteoporotic fractures. <i>Journal of Orthopaedic Trauma</i> , 2011 , 25 Suppl 2, S51-5	3.1	12
190	Biomechanical measurements of axial crush injury to the distal condyles of human and synthetic femurs. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2012 , 226, 320-9	1.7	12
189	The biomechanical effect of torsion on humeral shaft repair techniques for completed pathological fractures. <i>Journal of Biomechanical Engineering</i> , 2012 , 134, 024501	2.1	12
188	Effect of surgeon fatigue on hip and knee arthroplasty. <i>Canadian Journal of Surgery</i> , 2012 , 55, 81-6	2	12
187	Proximity of the femoral neurovascular bundle during hip resurfacing. <i>Journal of Arthroplasty</i> , 2010 , 25, 471-4	4.4	12
186	Functional outcome of ipsilateral intertrochanteric and femoral shaft fractures. <i>Journal of Orthopaedic Trauma</i> , 2008 , 22, 102-6	3.1	12
185	Bone remodeling is different in metaphyseal and diaphyseal-fit uncemented hip stems. <i>Clinical Orthopaedics and Related Research</i> , 2006 , 451, 128-33	2.2	12
184	Beyond the Basics. <i>Techniques in Orthopaedics</i> , 2004 , 19, 83-87	0.4	12
183	What is a clinical decision analysis study?. <i>Indian Journal of Orthopaedics</i> , 2008 , 42, 137-9	1.3	12
182	Effect of stainless steel and titanium low-contact dynamic compression plate application on the vascularity and mechanical properties of cortical bone after fracture. <i>Journal of Orthopaedic Trauma</i> , 1997 , 11, 490-5	3.1	12
181	Character, Incidence, and Predictors of Knee Pain and Activity After Infrapatellar Intramedullary Nailing of an Isolated Tibia Fracture. <i>Journal of Orthopaedic Trauma</i> , 2016 , 30, 135-41	3.1	12
180	Characterization and fracture property of different strontium-containing borate-based glass coatings for Ti6Al4V substrates. <i>Journal of Non-Crystalline Solids</i> , 2017 , 458, 69-75	3.9	11
179	BMP-2 mRNA expression after endothelial progenitor cell therapy for fracture healing. <i>Journal of Orthopaedic Trauma</i> , 2014 , 28 Suppl 1, S24-7	3.1	11
178	Biomechanical analysis using infrared thermography of a traditional metal plate versus a carbon fibre/epoxy plate for Vancouver B1 femur fractures. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2014 , 228, 107-13	1.7	11

177	Can fluoroscopy-based computer navigation improve entry point selection for intramedullary nailing of femur fractures?. <i>Clinical Orthopaedics and Related Research</i> , 2014 , 472, 2720-7	2.2	11
176	Adjudicating outcomes: fundamentals. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012 , 94 Suppl 1, 70-5.6		11
175	Computer navigation vs extramedullary guide for sagittal alignment of tibial components: radiographic study and meta-analysis. <i>Journal of Arthroplasty</i> , 2012 , 27, 630-7	4.4	11
174	A biomechanical evaluation of press-fit stem constructs for tumor endoprosthetic reconstruction of the distal femur. <i>Journal of Arthroplasty</i> , 2011 , 26, 1373-9	4.4	11
173	Amplified inflammatory response to sequential hemorrhage, resuscitation, and pulmonary fat embolism: an animal study. <i>Journal of Bone and Joint Surgery - Series A</i> , 2010 , 92, 149-61	5.6	11
172	Biomechanical measurements of cortical screw stripping torque in human versus artificial femurs. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2012 , 226, 645-51	1.7	11
171	The effect of muscle contusion on cortical bone and muscle perfusion following reamed, intramedullary nailing: a novel canine tibia fracture model. <i>Journal of Orthopaedic Surgery and Research</i> , 2010 , 5, 89	2.8	11
170	Anemia at Presentation Predicts Acute Mortality and Need for Readmission Following Geriatric Hip Fracture. <i>JBJS Open Access</i> , 2020 , 5,	3.1	11
169	Endothelial Progenitor Cells: A Novel Cell-based Therapy in Orthopaedic Surgery. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2012 , 20, 672-674	4.5	11
168	Mortality Rate of Geriatric Acetabular Fractures Is High Compared With Hip Fractures. A Matched Cohort Study. <i>Journal of Orthopaedic Trauma</i> , 2020 , 34, 424-428	3.1	11
167	Outside the Bone: What Is Happening Systemically to Influence Fracture Healing?. <i>Journal of Orthopaedic Trauma</i> , 2018 , 32 Suppl 1, S33-S36	3.1	11
166	Extended applications of the reamer-irrigator-aspirator (RIA) system. <i>Injury</i> , 2017 , 48 Suppl 1, S47-S51	2.5	10
165	Subtypes of endothelial progenitor cells affect healing of segmental bone defects differently. <i>International Orthopaedics</i> , 2017 , 41, 2337-2343	3.8	10
164	"I've never asked one question." Understanding the barriers among orthopedic surgery residents to screening female patients for intimate partner violence. <i>Canadian Journal of Surgery</i> , 2014 , 57, 371-8	2	10
163	Why a decade of road traffic safety?. <i>Journal of Orthopaedic Trauma</i> , 2014 , 28 Suppl 1, S8-10	3.1	10
162	The physiologic and pathologic effects of the reamer irrigator aspirator on fat embolism outcome: an animal study. <i>Journal of Orthopaedic Trauma</i> , 2012 , 26, e132-7	3.1	10
161	Are large fracture trials possible?. <i>Journal of Orthopaedic Trauma</i> , 2010 , 24 Suppl 1, S87-92	3.1	10
160	Prevalence of Abuse and Intimate Partner Violence Surgical Evaluation (P.R.A.I.S.E.): rationale and design of a multi-center cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2010 , 11, 77	2.8	10

159	Soft-tissue blood flow after segmental osteotomy of the canine tibia. <i>Annals of Plastic Surgery</i> , 1991 , 27, 49-55	1.7	10
158	Antibacterial and osteo-stimulatory effects of a borate-based glass series doped with strontium ions. <i>Journal of Biomaterials Applications</i> , 2016 , 31, 674-683	2.9	10
157	Loss of Independence After Operative Management of Femoral Neck Fractures. <i>Journal of Orthopaedic Trauma</i> , 2019 , 33, 292-300	3.1	10
156	Delayed Endothelial Progenitor Cell Therapy Promotes Bone Defect Repair in a Clinically Relevant Rat Model. <i>Stem Cells International</i> , 2017 , 2017, 7923826	5	9
155	A review of materials for managing bone loss in revision total knee arthroplasty. <i>Materials Science and Engineering C</i> , 2019 , 104, 109941	8.3	9
154	Biomechanical measurements of stiffness and strength for five types of whole human and artificial humeri. <i>Journal of Biomechanical Engineering</i> , 2014 , 136, 051006	2.1	9
153	Pathophysiology of fat embolism: a rabbit model. <i>Journal of Orthopaedic Trauma</i> , 2011 , 25, 674-80	3.1	9
152	Avoiding short-term femoral neck fracture with imageless computer navigation for hip resurfacing. <i>Clinical Orthopaedics and Related Research</i> , 2011 , 469, 1621-6	2.2	9
151	A biodegradable scaffold for the treatment of a diaphyseal bone defect of the tibia. <i>Journal of Orthopaedic Research</i> , 2010 , 28, 474-80	3.8	9
150	Assessment of accuracy and reliability in preoperative templating for hip resurfacing arthroplasty. <i>Journal of Arthroplasty</i> , 2010 , 25, 445-9	4.4	9
149	A biomechanical evaluation of different plates for fixation of canine radial osteotomies. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 44, 193-7	9.4	9
148	Humeral head fracture dislocation: case report and review of the literature. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 44, 377-80	9.4	9
147	The induced membrane technique for the management of long bone defects. <i>Bone and Joint Journal</i> , 2020 , 102-B, 1723-1734	5.6	9
146	High molecular weight Intraarticular hyaluronic acid for the treatment of knee osteoarthritis: a network meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 702	2.8	9
145	Rehabilitation after plate fixation of upper and lower extremity fractures. <i>Injury</i> , 2018 , 49 Suppl 1, S72-S77		9
144	A Systematic Review of Current Clinical Practice Guidelines on Intra-articular Hyaluronic Acid, Corticosteroid, and Platelet-Rich Plasma Injection for Knee Osteoarthritis: An International Perspective. <i>Orthopaedic Journal of Sports Medicine</i> , 2021 , 9, 23259671211030272	3.5	9
143	Prospective Randomized Clinical Trial Investigating the Effect of the Reamer-Irrigator-Aspirator on the Volume of Embolic Load and Respiratory Function During Intramedullary Nailing of Femoral Shaft Fractures. <i>Journal of Orthopaedic Trauma</i> , 2017 , 31, 200-204	3.1	8
142	Intramedullary nail fixation of non-traditional fractures: Clavicle, forearm, fibula. <i>Injury</i> , 2017 , 48 Suppl 1, S41-S46	2.5	8

141	Early post-operative outcomes of plate versus nail fixation for humeral shaft fractures. <i>Injury</i> , 2019 , 50, 1460-1463	2.5	8
140	The Efficacy and Safety of Gabapentinoids in Total Joint Arthroplasty: Systematic Review and Direct Meta-Analysis. <i>Journal of Arthroplasty</i> , 2020 , 35, 2730-2738.e6	4.4	8
139	Biomechanical Testing of a 3-Hole Versus a 4-Hole Sliding Hip Screw in the Presence of a Retrograde Intramedullary Nail for Ipsilateral Intertrochanteric and Femur Shaft Fractures. <i>Journal of Orthopaedic Trauma</i> , 2018 , 32, 419-424	3.1	8
138	The Role of Metal-on-Metal Bearings in Total Hip Arthroplasty and Hip Resurfacing: Review Article. <i>HSS Journal</i> , 2017 , 13, 2-6	2	8
137	Outcomes assessment in the SPRINT multicenter tibial fracture trial: Adjudication committee size has trivial effect on trial results. <i>Journal of Clinical Epidemiology</i> , 2011 , 64, 1023-33	5.7	8
136	The biomechanical consequence of insufficient femoral component lateralization and exposed cancellous bone in hip resurfacing arthroplasty. <i>Journal of Biomechanical Engineering</i> , 2010 , 132, 081011 ^{2.1}	2.1	8
135	Biomechanical measurements of torsion-tension coupling in human cadaveric femurs. <i>Journal of Biomechanical Engineering</i> , 2011 , 133, 014501	2.1	8
134	Orthopaedic surgeons: artists or scientists?. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009 , 91, 1264-736	3.6	8
133	Fractures of the shaft of the ulna. <i>Journal of Orthopaedic Trauma</i> , 2004 , 18, 473-5	3.1	8
132	Computer-assisted navigation for the assessment of fixed flexion in knee arthroplasty. <i>Canadian Journal of Surgery</i> , 2010 , 53, 42-6	2	8
131	A higher reoperation rate following arthroplasty for failed fixation primary arthroplasty for the treatment of proximal humeral fractures: a retrospective population-based study. <i>Bone and Joint Journal</i> , 2019 , 101-B, 1272-1279	5.6	8
130	Understanding Articular Cartilage Injury and Potential Treatments. <i>Journal of Orthopaedic Trauma</i> , 2019 , 33 Suppl 6, S6-S12	3.1	8
129	Neurologic Injury in Operatively Treated Acetabular Fractures. <i>Journal of Orthopaedic Trauma</i> , 2015 , 29, 475-8	3.1	7
128	Immediate plate osteosynthesis of open fractures of the humeral shaft. <i>Journal of Trauma</i> , 2010 , 69, 685-90		7
127	Revision Total Knee Arthroplasty After Failed Unicompartmental Knee Arthroplasty or High Tibial Osteotomy. <i>Clinical Orthopaedics and Related Research</i> , 1995 , &NA;, 10??18	2.2	7
126	Residents' Quality of life during an orthopedic trauma rotation: a multicentre prospective observational study. <i>Canadian Journal of Surgery</i> , 2008 , 51, 190-6	2	7
125	Effect of TiO doping on degradation rate, microstructure and strength of borate bioactive glass scaffolds. <i>Materials Science and Engineering C</i> , 2020 , 107, 110351	8.3	7
124	A Systematic Review and Standardized Comparison of Available Evidence for Outcome Measures Used to Evaluate Proximal Humerus Fracture Patients. <i>Journal of Orthopaedic Trauma</i> , 2019 , 33, e256-e262 ^{2.1}	2.1	7

123	Catastrophic femoral head trunnion dissociation: a case series with surface wear analysis. <i>HIP International</i> , 2019 , 29, NP1-NP5	1.7	6
122	Biomechanical analysis of the cephalomedullary nail versus the trochanteric stabilizing plate for unstable intertrochanteric femur fractures. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2016 , 230, 1133-1140	1.7	6
121	Cochrane in CORR : Surgical versus conservative interventions for treating fractures of the middle third of the clavicle. <i>Clinical Orthopaedics and Related Research</i> , 2014 , 472, 2579-85	2.2	6
120	Biomechanical analysis using FEA and experiments of a standard plate method versus three cable methods for fixing acetabular fractures with simultaneous THA. <i>Medical Engineering and Physics</i> , 2017 , 46, 71-78	2.4	6
119	Endothelial progenitor cells: a novel cell-based therapy in orthopaedic surgery. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2012 , 20, 672-4	4.5	6
118	A preliminary study of platelet activation after embolization of marrow contents. <i>Journal of Orthopaedic Trauma</i> , 2012 , 26, e214-20	3.1	6
117	Effect of human vascular endothelial growth factor gene transfer on endogenous vascular endothelial growth factor mRNA expression in a rat fibroblast and osteoblast culture model. <i>Journal of Orthopaedic Trauma</i> , 2010 , 24, 547-51	3.1	6
116	Venous Thromboembolism in Hip Fracture Patients: A Subanalysis of the FAITH and HEALTH Trials. <i>Journal of Orthopaedic Trauma</i> , 2020 , 34 Suppl 3, S70-S75	3.1	6
115	A rationale for universal tranexamic acid in major joint arthroplasty: overall efficacy and impact of risk factors for transfusion. <i>Transfusion</i> , 2019 , 59, 207-216	2.9	6
114	Universal tranexamic acid therapy to minimize transfusion for major joint arthroplasty: a retrospective analysis of protocol implementation. <i>Canadian Journal of Anaesthesia</i> , 2015 , 62, 1179-87	3	5
113	Gabapentinoids in Total Joint Arthroplasty: The Clinical Practice Guidelines of the American Association of Hip and Knee Surgeons, American Society of Regional Anesthesia and Pain Medicine, American Academy of Orthopaedic Surgeons, Hip Society, and Knee Society. <i>Journal of Arthroplasty</i> , 2020 , 35, 2700-2703	4.4	5
112	Hot Topics in Biomechanics: Hip Fracture Fixation. <i>Journal of Orthopaedic Trauma</i> , 2015 , 29 Suppl 12, S1-5	3.1	5
111	The Biomechanical Effect of Loading Speed on Metal-on-UHMWPE Contact Mechanics. <i>Open Biomedical Engineering Journal</i> , 2014 , 8, 28-34	0.9	5
110	The effect of high and low pressure pulsatile lavage on soft tissue and cortical blood flow: a canine segmental humerus fracture model. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2007 , 127, 879-84	3.6	5
109	Wear Rates of XLPE Nearly 50% Lower Than Previously Thought After Adjusting for Initial Creep: An RCT Comparing 4 Bearing Combinations. <i>JBJS Open Access</i> , 2020 , 5, e0066	3.1	5
108	Biomechanical design using in-vitro finite element modeling of distal femur fracture plates made from semi-rigid materials versus traditional metals for post-operative toe-touch weight-bearing. <i>Medical Engineering and Physics</i> , 2021 , 87, 95-103	2.4	5
107	Carbon monoxide-releasing molecule-3 (CORM-3) offers protection in an in vitro model of compartment syndrome. <i>Microcirculation</i> , 2019 , 26, e12577	2.9	4
106	A Large-Scale Fifteen-Year Minimum Survivorship of a Cementless Triple Tapered Femoral Stem. <i>Journal of Arthroplasty</i> , 2020 , 35, 2161-2166	4.4	4

105	Stress analysis of a carbon fiber-reinforced epoxy plate with a hole undergoing tension: A comparison of finite element analysis, strain gages, and infrared thermography. <i>Journal of Composite Materials</i> , 2018 , 52, 2679-2689	2.7	4
104	Methodological challenges in the use of hip-specific composite outcomes: linking measurements from hip fracture trials to the International Classification of Functioning, Disability and Health Framework. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2014 , 134, 219-28	3.6	4
103	The biomechanical effect of notch size, notch location, and femur orientation on hip resurfacing failure. <i>IEEE Transactions on Biomedical Engineering</i> , 2013 , 60, 2214-21	5	4
102	Managing data in surgical trials: a guide to modern-day data management systems. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012 , 94 Suppl 1, 45-8	5.6	4
101	Future perspectives: the need for large clinical trials. <i>Journal of Orthopaedic Trauma</i> , 2011 , 25 Suppl 2, S95-8	3.1	4
100	Posttraumatic lung injury after pulmonary contusion and fat embolism: factors determining abnormal gas exchange. <i>Journal of Trauma</i> , 2010 , 69, 512-8		4
99	The effect of cement mixing time on the biomechanics of cement augmented plated fractures in canine femora. <i>Journal of Orthopaedic Trauma</i> , 2008 , 22, 637-42	3.1	4
98	Infection associated with cortical allograft strut fixation of a periprosthetic femoral shaft fracture: a case report and review of the literature. <i>Journal of Trauma</i> , 2008 , 64, 1630-4		4
97	Ball-thrower's fracture of the humerus. <i>Cmaj</i> , 2006 , 175, 31	3.5	4
96	Planning a Randomized Clinical Trial. <i>Techniques in Orthopaedics</i> , 2004 , 19, 66-71	0.4	4
95	How Successful Is Antibiotic Treatment for Superficial Surgical Site Infections After Open Fracture? A Fluid Lavage of Open Wounds (FLOW) Cohort Secondary Analysis. <i>Clinical Orthopaedics and Related Research</i> , 2020 , 478, 2846-2855	2.2	4
94	Arthroplasty Versus Internal Fixation for the Treatment of Undisplaced Femoral Neck Fractures: A Retrospective Cohort Study. <i>Journal of Orthopaedic Trauma</i> , 2020 , 34 Suppl 3, S9-S14	3.1	4
93	Is Total Hip Arthroplasty a Cost-Effective Option for Management of Displaced Femoral Neck Fractures? A Trial-Based Analysis of the HEALTH Study. <i>Journal of Orthopaedic Trauma</i> , 2020 , 34 Suppl 3, S37-S41	3.1	4
92	Factors Associated With Health-Related Quality of Life in Patients With Open Fractures. <i>Journal of Orthopaedic Trauma</i> , 2018 , 32, e5-e11	3.1	4
91	Biomechanical analysis of transverse acetabular fracture fixation in the elderly via the posterior versus the anterior approach with and without a total hip arthroplasty. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020 , 234, 966-974	1.7	3
90	Clavicle Malunions: Surgical Treatment and Outcome-a Literature Review. <i>HSS Journal</i> , 2018 , 14, 88-98	2	3
89	Should we worry about periacetabular interference gaps in hip resurfacing?. <i>Clinical Orthopaedics and Related Research</i> , 2013 , 471, 422-9	2.2	3
88	Biomechanical optimization of the angle and position for surgical implantation of a straight short stem hip implant. <i>Medical Engineering and Physics</i> , 2017 , 39, 23-30	2.4	3

87	A preliminary biomechanical study of cyclic preconditioning effects on canine cadaveric whole femurs. <i>Journal of Biomechanical Engineering</i> , 2012 , 134, 094502	2.1	3
86	Volar transscaphoid perilunate fracture dislocation: case report and review. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996 , 40, 1031-3	9.4	3
85	Factors Associated With Mortality After Surgical Management of Femoral Neck Fractures. <i>Journal of Orthopaedic Trauma</i> , 2020 , 34 Suppl 3, S15-S21	3.1	3
84	Biomechanical optimization of the far cortical locking technique for early healing of distal femur fractures. <i>Medical Engineering and Physics</i> , 2021 , 89, 63-72	2.4	3
83	Heterotopic Ossification Following Arthroplasty for Femoral Neck Fracture. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021 , 103, 1328-1334	5.6	3
82	Computer navigated hip resurfacing for patients with abnormal femoral anatomy. <i>Bulletin of the NYU Hospital for Joint Diseases</i> , 2009 , 67, 159-63		3
81	Functional outcome following elbow release and hardware removal after bicolunar fixation of distal humeral fractures. <i>Injury</i> , 2020 , 51, 1592-1596	2.5	2
80	Radiographic evaluations: Which are most effective to follow fracture healing?. <i>Injury</i> , 2020 , 51 Suppl 2, S18-S22	2.5	2
79	Changes in femoral cortical porosity after reaming and intramedullary canal preparation in a canine model. <i>Journal of Arthroplasty</i> , 2013 , 28, 368-73	4.4	2
78	Can a semi-automated surface matching and principal axis-based algorithm accurately quantify femoral shaft fracture alignment in six degrees of freedom?. <i>Medical Engineering and Physics</i> , 2013 , 35, 1028-36	2.4	2
77	The impact of proximal femoral morphology on failure strength with a mid-head resection short-stem hip arthroplasty. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2014 , 228, 1275-80	1.7	2
76	A biomechanical comparison of four different cementless press-fit stems used in revision surgery for total knee replacements. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2012 , 226, 848-57	1.7	2
75	Surgical Techniques for the Management of Proximal Femoral Fracture Nonunions. <i>Operative Techniques in Orthopaedics</i> , 2008 , 18, 114-120	0.3	2
74	Effect of head size and rotation on taper corrosion in a hip simulator. <i>Bone & Joint Open</i> , 2021 , 2, 1004-1016	1.6	2
73	Biomechanical impact testing of synthetic versus human cadaveric tibias for predicting injury risk during pedestrian-vehicle collisions. <i>Traffic Injury Prevention</i> , 2020 , 21, 163-168	1.8	2
72	Timing and Management of Surgical Site Infections in Patients With Open Fracture Wounds: A Fluid Lavage of Open Wounds Cohort Secondary Analysis. <i>Journal of Orthopaedic Trauma</i> , 2021 , 35, 128-135	3.1	2
71	Wound Irrigation Pressure Did Not Affect Reoperation Rate After Open Fracture Repair, but Normal Saline Solution Was Better Than Castile Soap. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016 , 98, 871	5.6	2
70	Prevention of the Infected Fracture: Evidence-Based Strategies for Success!. <i>Journal of Orthopaedic Trauma</i> , 2019 , 33 Suppl 6, S1-S5	3.1	2

69	A concept analysis and overview of outcome measures used for evaluating patients with proximal humerus fractures. <i>Disability and Rehabilitation</i> , 2021 , 43, 1450-1462	2.4	2
68	Fixation using Alternative Implants for the Treatment of Hip Fractures (FAITH-2): The Exploratory Health-Related Quality of Life and Patient-Reported Functional Outcomes of a Multi-Centre 2x2 Factorial Randomized Controlled Pilot Trial in Young Femoral Neck Fracture Patients. <i>Injury</i> , 2021 , 52, 2051-2056	2.5	2
67	In Younger Patients with End-Stage Knee Osteoarthritis, Computer-Assisted Versus Conventional Total Knee Arthroplasty Did Not Improve Function at 15 Years. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018 , 100, 1982	5.6	2
66	Response to Letter to the Editor on "The Safety of Tranexamic Acid in Total Joint Arthroplasty: A Direct Meta-Analysis". <i>Journal of Arthroplasty</i> , 2018 , 33, 3368-3369	4.4	2
65	In Situ Placement Versus Anterior Transposition of the Ulnar Nerve for Distal Humerus Fractures Treated With Plate Fixation: A Multicenter Randomized Controlled Trial. <i>Journal of Orthopaedic Trauma</i> , 2021 , 35, 465-471	3.1	2
64	A comparison of registration errors with imageless computer navigation during MIS total knee arthroplasty versus standard incision total knee arthroplasty: a cadaveric study. <i>Computer Aided Surgery</i> , 2015 , 20, 7-13		1
63	What Predicts Health-Related Quality of Life for Patients With Displaced Femoral Neck Fractures Managed With Arthroplasty? A Secondary Analysis of the HEALTH Trial. <i>Journal of Orthopaedic Trauma</i> , 2020 , 34 Suppl 3, S29-S36	3.1	1
62	What Factors Increase Revision Surgery Risk When Treating Displaced Femoral Neck Fractures With Arthroplasty: A Secondary Analysis of the HEALTH Trial. <i>Journal of Orthopaedic Trauma</i> , 2020 , 34 Suppl 3, S49-S54	3.1	1
61	Biomechanical Response under Stress-Controlled Tension-Tension Fatigue of a Novel Carbon Fiber/Epoxy Intramedullary Nail for Femur Fractures. <i>Medical Engineering and Physics</i> , 2020 , 80, 26-32	2.4	1
60	The Role of Poly(Methyl Methacrylate) in Management of Bone Loss and Infection in Revision Total Knee Arthroplasty: A Review. <i>Journal of Functional Biomaterials</i> , 2020 , 11,	4.8	1
59	Are large clinical trials in orthopaedic trauma justified?. <i>BMC Musculoskeletal Disorders</i> , 2018 , 19, 124	2.8	1
58	Biomechanical Testing of the Intact and Surgically Treated Pelvis 2017 , 149-165		1
57	3D atlas-based registration can calculate malalignment of femoral shaft fractures in six degrees of freedom. <i>Computer Aided Surgery</i> , 2014 , 19, 48-56		1
56	Fragility fractures: a global problem? Introduction. <i>Journal of Orthopaedic Trauma</i> , 2011 , 25 Suppl 2, S41	3.1	1
55	Randomized Trials. <i>Techniques in Orthopaedics</i> , 2004 , 19, 54-56	0.4	1
54	Types of Randomized Trials in Surgery. <i>Techniques in Orthopaedics</i> , 2004 , 19, 77-82	0.4	1
53	A Comparison of Acute Complications and Mortality Between Geriatric Knee and Hip Fractures: A Matched Cohort Study. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , 2021 , 29, 929-936	4.5	1
52	Association of Three-Month Radiographic Union Score for Tibia Fractures (RUST) with Nonunion in Tibial Shaft Fracture Patients. <i>Cureus</i> , 2020 , 12, e8314	1.2	1

51	In vitro evaluation of novel titania-containing borate bioactive glass scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2021 , 109, 146-158	5.4	1
50	Fractures of the Humeral Shaft 2009 , 1593-1622		1
49	Evidence-Based Medicine: Boom or Bust in Orthopaedic Trauma?. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020 , 102, e6	5.6	1
48	Predictors of Long-Term Pain After Hip Arthroplasty in Patients With Femoral Neck Fractures: A Cohort Study. <i>Journal of Orthopaedic Trauma</i> , 2020 , 34 Suppl 3, S55-S63	3.1	1
47	Predictors of Loss to Follow-up in Hip Fracture Trials: A Secondary Analysis of the FAITH and HEALTH Trials. <i>Journal of Orthopaedic Trauma</i> , 2020 , 34 Suppl 3, S22-S28	3.1	1
46	The FAITH and HEALTH Trials: Are We Studying Different Hip Fracture Patient Populations?. <i>Journal of Orthopaedic Trauma</i> , 2020 , 34 Suppl 3, S1-S8	3.1	1
45	Who Did the Arthroplasty? Hip Fracture Surgery Reoperation Rates are Not Affected by Type of Training-An Analysis of the HEALTH Database. <i>Journal of Orthopaedic Trauma</i> , 2020 , 34 Suppl 3, S64-S69	3.1	1
44	Clockwise Torque of Sliding Hip Screws: Is There a Right Side?. <i>Journal of Orthopaedic Trauma</i> , 2020 , 34 Suppl 3, S76-S80	3.1	1
43	Biomechanical analysis of fixation methods for acetabular fractures: A review. <i>Medical Engineering and Physics</i> , 2021 , 89, 51-62	2.4	1
42	Biomechanical models: key considerations in study design. <i>OTA International the Open Access Journal of Orthopaedic Trauma</i> , 2021 , 4, e099	0.9	1
41	Does Participation in a Randomized Clinical Trial Change Outcomes? An Evaluation of Patients Not Enrolled in the SPRINT Trial. <i>Journal of Orthopaedic Trauma</i> , 2016 , 30, 156-61	3.1	1
40	Post Discharge after Surgery Virtual Care with Remote Automated Monitoring Technology (PVC-RAM): protocol for a randomized controlled trial. <i>CMAJ Open</i> , 2021 , 9, E142-E148	2.5	1
39	Optimal Technical Factors During Operative Management of Low-Energy Femoral Neck Fractures. <i>Journal of Orthopaedic Trauma</i> , 2021 , 35, 92-99	3.1	1
38	Impact of centre volume, surgeon volume, surgeon experience and geographic location on reoperation after intramedullary nailing of tibial shaft fractures. <i>Canadian Journal of Surgery</i> , 2021 , 64, E371-E376	2	1
37	Biomechanical properties and thermal characteristics of frozen versus thawed whole bone. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2020 , 234, 874-883	1.7	0
36	Calcium sulfate-containing glass polyalkenoate cement for revision total knee arthroplasty fixation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020 , 108, 3356-3369	3.5	0
35	Biomechanical Measurement Error Can Be Caused by Fujifilm Thickness: A Theoretical, Experimental, and Computational Analysis. <i>BioMed Research International</i> , 2017 , 2017, 4310314	3	0
34	Distal Humerus Fractures 2011 , 374-382		0

33	The Effect of Irrigation Fluid on Periprosthetic Joint Infection in Total Hip and Knee Arthroplasty: A Systematic Review and Meta-Analysis. <i>Cureus</i> , 2020 , 12, e7813	1.2	0
32	Smoking, Obesity, and Disability Benefits or Litigation Are Not Associated with Clinically Important Reductions in Physical Functioning After Intramedullary Nailing of Tibial Shaft Fractures: A Retrospective Cohort Study. <i>Clinical Orthopaedics and Related Research</i> , 2021 , 479, 805-813	2.2	0
31	Biomechanical Consequences of Nail Insertion Point and Anterior Cortical Perforation for Antegrade Femoral Nailing. <i>BioMed Research International</i> , 2020 , 2020, 5878607	3	0
30	Prolonged surgical time increases the odds of complications following total knee arthroplasty. <i>Canadian Journal of Surgery</i> , 2021 , 64, E273-E279	2	0
29	The top three unanswered questions in the management of open fractures. <i>OTA International the Open Access Journal of Orthopaedic Trauma</i> , 2020 , 3, e072	0.9	0
28	Prognostic factors for predicting health-related quality of life after intramedullary nailing of tibial fractures: a randomized controlled trial. <i>Bone & Joint Open</i> , 2021 , 2, 22-32	2.8	0
27	Systemically impaired fracture healing in small animal research: A review of fracture repair models. <i>Journal of Orthopaedic Research</i> , 2021 , 39, 1359-1367	3.8	0
26	The induced membrane technique in animal models: a systematic review.. <i>OTA International the Open Access Journal of Orthopaedic Trauma</i> , 2022 , 5, e176	0.9	0
25	Closed Limb Fractures With Compromised Vascularization: A Narrative Review. <i>Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders</i> , 2019 , 12, 1179544119836742	2.3	
24	Fretting Corrosion Testing of Total Hip Replacements with Modular Heads and Stems 2017 , 285-298		
23	Clavicle Nonunions 2018 , 75-93		
22	Geometric variations of acetabular component design and its effect on radiographic osseointegration. <i>Journal of Arthroplasty</i> , 2013 , 28, 342-6	4.4	
21	The effect of patient position during trauma surgery on fat embolism syndrome: An experimental study. <i>Indian Journal of Orthopaedics</i> , 2014 , 48, 203-10	1.3	
20	Roads in India: safety and knowledge cross-sectional evaluation. <i>Journal of Orthopaedic Trauma</i> , 2014 , 28 Suppl 1, S30-2	3.1	
19	Operationalizing an orthopedic action plan for the decade of road traffic safety. <i>Journal of Orthopaedic Trauma</i> , 2014 , 28 Suppl 1, S26-8	3.1	
18	Computer navigation experience in hip resurfacing improves femoral component alignment using a conventional jig. <i>Indian Journal of Orthopaedics</i> , 2013 , 47, 585-90	1.3	
17	Letters to the Editor: Operative Management of Lower Extremity Fractures in Patients with Head Injuries. <i>Clinical Orthopaedics and Related Research</i> , 2004 , 422, 280-281	2.2	
16	Clinical Research in Orthopaedics. <i>Techniques in Orthopaedics</i> , 2004 , 19, 53	0.4	

- 15 In vitro testing for hip head-neck taper tribocorrosion: A review of experimental methods..
Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine,
2022, 9544119221074582 1.7
- 14 Malunions of the Clavicle **2021**, 13-31
- 13 Complications of Evaluating the Scientific Quality of Randomized Clinical Trials. *Journal of Bone and
Joint Surgery - Series A*, **2002**, 84, 2307-2308 5.6
- 12 Fixation of Subcapital Hip Fractures in Patients Sixty Years of Age or Less. *Journal of Bone and Joint
Surgery - Series A*, **2003**, 85, 1616-1617 5.6
- 11 Proximal avulsion of the flexor carpi radialis muscle due to blunt trauma: a report of two cases.
Arteriosclerosis, Thrombosis, and Vascular Biology, **1997**, 43, 692-5 9.4
- 10 Unstable Chest Wall Injuries: Future Directions **2015**, 191-200
- 9 Hybrid Composite-Metal Hip Resurfacing Implant for Active Patient **2009**, 567-572
- 8 Endothelial Progenitor Cell-based Therapy for Orthopaedic Regenerative Medicine **2013**, 3-21
- 7 Traumatic Conditions of the Hip and Pelvis **2014**, 73-85
- 6 Predictors of Medical Serious Adverse Events in Hip Fracture Patients Treated With Arthroplasty.
Journal of Orthopaedic Trauma, **2020**, 34 Suppl 3, S42-S48 3.1
- 5 Trunionosis **2021**, 179-183
- 4 Distal Humerus Fractures **2021**, 491-497
- 3 Biomechanics-Hot Topics Part I. *Journal of Orthopaedic Trauma*, **2018**, 32 Suppl 1, S17-S20 3.1
- 2 Does negative pressure wound therapy reduce the odds of infection and improve health-related
quality of life in patients with open fractures?. *Bone & Joint Open*, **2022**, 3, 189-195 2.8
- 1 Biomechanical Design of a New Percutaneous Locked Plate for Comminuted Proximal Tibia
Fractures. *Medical Engineering and Physics*, **2022**, 103801 2.4