

# Emil H Schemitsch

## 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.

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	In vitro testing for hip head-neck taper tribocorrosion: A review of experimental methods.. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , <b>2022</b> , 9544119221074582	1.7	
463	Does negative pressure wound therapy reduce the odds of infection and improve health-related quality of life in patients with open fractures?. <i>Bone &amp; Joint Open</i> , <b>2022</b> , 3, 189-195	2.8	
462	The induced membrane technique in animal models: a systematic review.. <i>OTA International the Open Access Journal of Orthopaedic Trauma</i> , <b>2022</b> , 5, e176	0.9	0
461	Biomechanical Design of a New Percutaneous Locked Plate for Comminuted Proximal Tibia Fractures. <i>Medical Engineering and Physics</i> , <b>2022</b> , 103801	2.4	
460	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> , <b>2021</b> , 479, 805-813	2.2	0
459	Malunions of the Clavicle <b>2021</b> , 13-31		
458	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, The</i> , <b>2021</b> , 29, 929-936	4.5	1
457	Effect of head size and rotation on taper corrosion in a hip simulator. <i>Bone &amp; Joint Open</i> , <b>2021</b> , 2, 1004-1016	2.8	2
456	In vitro evaluation of novel titania-containing borate bioactive glass scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2021</b> , 109, 146-158	5.4	1
455	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> , <b>2021</b> , 35, 128-135	3.1	2
454	Biomechanical optimization of the far cortical locking technique for early healing of distal femur fractures. <i>Medical Engineering and Physics</i> , <b>2021</b> , 89, 63-72	2.4	3
453	Heterotopic Ossification Following Arthroplasty for Femoral Neck Fracture. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2021</b> , 103, 1328-1334	5.6	3
452	Biomechanical analysis of fixation methods for acetabular fractures: A review. <i>Medical Engineering and Physics</i> , <b>2021</b> , 89, 51-62	2.4	1
451	Biomechanical models: key considerations in study design. <i>OTA International the Open Access Journal of Orthopaedic Trauma</i> , <b>2021</b> , 4, e099	0.9	1
450	Prolonged surgical time increases the odds of complications following total knee arthroplasty. <i>Canadian Journal of Surgery</i> , <b>2021</b> , 64, E273-E279	2	0
449	Trunionosis <b>2021</b> , 179-183		
448	Distal Humerus Fractures <b>2021</b> , 491-497		

447	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> , <b>2021</b> , 87, 95-103	2.4	5
446	A concept analysis and overview of outcome measures used for evaluating patients with proximal humerus fractures. <i>Disability and Rehabilitation</i> , <b>2021</b> , 43, 1450-1462	2.4	2
445	Post Discharge after Surgery Virtual Care with Remote Automated Monitoring Technology (PVC-RAM): protocol for a randomized controlled trial. <i>CMAJ Open</i> , <b>2021</b> , 9, E142-E148	2.5	1
444	Prognostic factors for predicting health-related quality of life after intramedullary nailing of tibial fractures: a randomized controlled trial. <i>Bone &amp; Joint Open</i> , <b>2021</b> , 2, 22-32	2.8	0
443	Optimal Technical Factors During Operative Management of Low-Energy Femoral Neck Fractures. <i>Journal of Orthopaedic Trauma</i> , <b>2021</b> , 35, 92-99	3.1	1
442	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 2x2x2 Factorial Randomized Controlled Pilot Trial in Young Femoral Neck Fracture Patients. <i>Injury</i> , <b>2021</b> , 52, 2051-2056	2.5	2
441	Systemically impaired fracture healing in small animal research: A review of fracture repair models. <i>Journal of Orthopaedic Research</i> , <b>2021</b> , 39, 1359-1367	3.8	0
440	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> , <b>2021</b> , 64, E371-E376	2	1
439	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> , <b>2021</b> , 9, 232596712111030272	3.5	9
438	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> , <b>2021</b> , 35, 465-471	3.1	2
437	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> , <b>2020</b> , 34 Suppl 3, S29-S36	3.1	1
436	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> , <b>2020</b> , 34 Suppl 3, S49-S54	3.1	1
435	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> , <b>2020</b> , 35, 2700-2703	4.4	5
434	Functional outcome following elbow release and hardware removal after bicolumnar fixation of distal humeral fractures. <i>Injury</i> , <b>2020</b> , 51, 1592-1596	2.5	2
433	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> , <b>2020</b> , 80, 26-32	2.4	1
432	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> , <b>2020</b> , 234, 874-883	1.7	0
431	The Efficacy and Safety of Gabapentinoids in Total Joint Arthroplasty: Systematic Review and Direct Meta-Analysis. <i>Journal of Arthroplasty</i> , <b>2020</b> , 35, 2730-2738.e6	4.4	8
430	Calcium sulfate-containing glass polyalkenoate cement for revision total knee arthroplasty fixation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2020</b> , 108, 3356-3369	3.5	0

429	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> , <b>2020</b> , 234, 966-974	1.7	3
428	Radiographic evaluations: Which are most effective to follow fracture healing?. <i>Injury</i> , <b>2020</b> , 51 Suppl 2, S18-S22	2.5	2
427	A Large-Scale Fifteen-Year Minimum Survivorship of a Cementless Triple Tapered Femoral Stem. <i>Journal of Arthroplasty</i> , <b>2020</b> , 35, 2161-2166	4.4	4
426	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> , <b>2020</b> , 11,	4.8	1
425	The Effect of Irrigation Fluid on Periprosthetic Joint Infection in Total Hip and Knee Arthroplasty: A Systematic Review and Meta-Analysis. <i>Cureus</i> , <b>2020</b> , 12, e7813	1.2	0
424	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> , <b>2020</b> , 5, e0066	3.1	5
423	Anemia at Presentation Predicts Acute Mortality and Need for Readmission Following Geriatric Hip Fracture. <i>JBJS Open Access</i> , <b>2020</b> , 5,	3.1	11
422	Association of Three-Month Radiographic Union Score for Tibia Fractures (RUST) with Nonunion in Tibial Shaft Fracture Patients. <i>Cureus</i> , <b>2020</b> , 12, e8314	1.2	1
421	Biomechanical Consequences of Nail Insertion Point and Anterior Cortical Perforation for Antegrade Femoral Nailing. <i>BioMed Research International</i> , <b>2020</b> , 2020, 5878607	3	0
420	Biomechanical impact testing of synthetic versus human cadaveric tibias for predicting injury risk during pedestrian-vehicle collisions. <i>Traffic Injury Prevention</i> , <b>2020</b> , 21, 163-168	1.8	2
419	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> , <b>2020</b> , 478, 2846-2855	2.2	4
418	Effect of TiO doping on degradation rate, microstructure and strength of borate bioactive glass scaffolds. <i>Materials Science and Engineering C</i> , <b>2020</b> , 107, 110351	8.3	7
417	Evidence-Based Medicine: Boom or Bust in Orthopaedic Trauma?. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2020</b> , 102, e6	5.6	1
416	Predictors of Long-Term Pain After Hip Arthroplasty in Patients With Femoral Neck Fractures: A Cohort Study. <i>Journal of Orthopaedic Trauma</i> , <b>2020</b> , 34 Suppl 3, S55-S63	3.1	1
415	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> , <b>2020</b> , 34 Suppl 3, S22-S28	3.1	1
414	The FAITH and HEALTH Trials: Are We Studying Different Hip Fracture Patient Populations?. <i>Journal of Orthopaedic Trauma</i> , <b>2020</b> , 34 Suppl 3, S1-S8	3.1	1
413	Arthroplasty Versus Internal Fixation for the Treatment of Undisplaced Femoral Neck Fractures: A Retrospective Cohort Study. <i>Journal of Orthopaedic Trauma</i> , <b>2020</b> , 34 Suppl 3, S9-S14	3.1	4
412	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> , <b>2020</b> , 34 Suppl 3, S64-S69 <sup>3.1</sup>	3.1	1

411	The induced membrane technique for the management of long bone defects. <i>Bone and Joint Journal</i> , <b>2020</b> , 102-B, 1723-1734	5.6	9
410	Venous Thromboembolism in Hip Fracture Patients: A Subanalysis of the FAITH and HEALTH Trials. <i>Journal of Orthopaedic Trauma</i> , <b>2020</b> , 34 Suppl 3, S70-S75	3.1	6
409	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> , <b>2020</b> , 34 Suppl 3, S37-S41	3.1	4
408	Predictors of Medical Serious Adverse Events in Hip Fracture Patients Treated With Arthroplasty. <i>Journal of Orthopaedic Trauma</i> , <b>2020</b> , 34 Suppl 3, S42-S48	3.1	
407	Mortality Rate of Geriatric Acetabular Fractures Is High Compared With Hip Fractures. A Matched Cohort Study. <i>Journal of Orthopaedic Trauma</i> , <b>2020</b> , 34, 424-428	3.1	11
406	Clockwise Torque of Sliding Hip Screws: Is There a Right Side?. <i>Journal of Orthopaedic Trauma</i> , <b>2020</b> , 34 Suppl 3, S76-S80	3.1	1
405	High molecular weight Intraarticular hyaluronic acid for the treatment of knee osteoarthritis: a network meta-analysis. <i>BMC Musculoskeletal Disorders</i> , <b>2020</b> , 21, 702	2.8	9
404	Factors Associated With Mortality After Surgical Management of Femoral Neck Fractures. <i>Journal of Orthopaedic Trauma</i> , <b>2020</b> , 34 Suppl 3, S15-S21	3.1	3
403	Romozosumab 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> , <b>2020</b> , 102, 1416-1426	5.6	15
402	A Randomized, Placebo-Controlled Study of Romozosumab for the Treatment of Hip Fractures. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2020</b> , 102, 693-702	5.6	26
401	The top three unanswered questions in the management of open fractures. <i>OTA International the Open Access Journal of Orthopaedic Trauma</i> , <b>2020</b> , 3, e072	0.9	0
400	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> , <b>2019</b> , 28, 2198-2204	4.3	13
399	Total Hip Arthroplasty or Hemiarthroplasty for Hip Fracture. <i>New England Journal of Medicine</i> , <b>2019</b> , 381, 2199-2208	59.2	127
398	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> , <b>2019</b> , 44, 7-11	3.4	36
397	Early post-operative outcomes of plate versus nail fixation for humeral shaft fractures. <i>Injury</i> , <b>2019</b> , 50, 1460-1463	2.5	8
396	Carbon monoxide-releasing molecule-3 (CORM-3) offers protection in an in vitro model of compartment syndrome. <i>Microcirculation</i> , <b>2019</b> , 26, e12577	2.9	4
395	Catastrophic femoral head trunnion dissociation: a case series with surface wear analysis. <i>HIP International</i> , <b>2019</b> , 29, NP1-NP5	1.7	6
394	Closed Limb Fractures With Compromised Vascularization: A Narrative Review. <i>Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders</i> , <b>2019</b> , 12, 1179544119836742	2.3	

393	Patellar Resurfacing in Primary Total Knee Arthroplasty: A Meta-Analysis of Randomized Controlled Trials. <i>Journal of Arthroplasty</i> , <b>2019</b> , 34, 3124-3132	4.4	18
392	A review of materials for managing bone loss in revision total knee arthroplasty. <i>Materials Science and Engineering C</i> , <b>2019</b> , 104, 109941	8.3	9
391	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> , <b>2019</b> , 101-B, 1272-1279	5.6	8
390	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> , <b>2019</b> , 33, e256-e262	3.1	7
389	Femoral Neck Shortening After Hip Fracture Fixation Is Associated With Inferior Hip Function: Results From the FAITH Trial. <i>Journal of Orthopaedic Trauma</i> , <b>2019</b> , 33, 487-496	3.1	31
388	Prevention of the Infected Fracture: Evidence-Based Strategies for Success!. <i>Journal of Orthopaedic Trauma</i> , <b>2019</b> , 33 Suppl 6, S1-S5	3.1	2
387	Understanding Articular Cartilage Injury and Potential Treatments. <i>Journal of Orthopaedic Trauma</i> , <b>2019</b> , 33 Suppl 6, S6-S12	3.1	8
386	A Comparison of Treatment Effects for Nonsurgical Therapies and the Minimum Clinically Important Difference in Knee Osteoarthritis: A Systematic Review. <i>JBJS Reviews</i> , <b>2019</b> , 7, e5	2.6	15
385	Loss of Independence After Operative Management of Femoral Neck Fractures. <i>Journal of Orthopaedic Trauma</i> , <b>2019</b> , 33, 292-300	3.1	10
384	A rationale for universal tranexamic acid in major joint arthroplasty: overall efficacy and impact of risk factors for transfusion. <i>Transfusion</i> , <b>2019</b> , 59, 207-216	2.9	6
383	Critical-Size Bone Defects: Is There a Consensus for Diagnosis and Treatment?. <i>Journal of Orthopaedic Trauma</i> , <b>2018</b> , 32 Suppl 1, S7-S11	3.1	74
382	Diabetes and Healing Outcomes in Lower Extremity Fractures: A Systematic Review. <i>Injury</i> , <b>2018</b> , 49, 177-183	2.5	30
381	Factors Associated With Revision Surgery After Internal Fixation of Hip Fractures. <i>Journal of Orthopaedic Trauma</i> , <b>2018</b> , 32, 223-230	3.1	24
380	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> , <b>2018</b> , 32, 419-424	3.1	8
379	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> , <b>2018</b> , 52, 2679-2689	2.7	4
378	Clavicle Malunions: Surgical Treatment and Outcome-a Literature Review. <i>HSS Journal</i> , <b>2018</b> , 14, 88-98	2	3
377	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> , <b>2018</b> , 33, 1752-1756	4.4	22
376	The Efficacy of Tranexamic Acid in Total Knee Arthroplasty: A Network Meta-Analysis. <i>Journal of Arthroplasty</i> , <b>2018</b> , 33, 3090-3098.e1	4.4	90

375	The Safety of Tranexamic Acid in Total Joint Arthroplasty: A Direct Meta-Analysis. <i>Journal of Arthroplasty</i> , <b>2018</b> , 33, 3070-3082.e1	4.4	64
374	An international, cross-sectional survey of the management of Vancouver type B1 periprosthetic femoral fractures around total hip arthroplasties. <i>Injury</i> , <b>2018</b> , 49, 364-369	2.5	13
373	Clavicle Nonunions <b>2018</b> , 75-93		
372	Operative Stabilization of Flail Chest Injuries Reduces Mortality to That of Stable Chest Wall Injuries. <i>Journal of Orthopaedic Trauma</i> , <b>2018</b> , 32, 15-21	3.1	31
371	The Efficacy of Tranexamic Acid in Total Hip Arthroplasty: A Network Meta-analysis. <i>Journal of Arthroplasty</i> , <b>2018</b> , 33, 3083-3089.e4	4.4	66
370	Plate fixation for management of humerus fractures. <i>Injury</i> , <b>2018</b> , 49 Suppl 1, S33-S38	2.5	20
369	Are large clinical trials in orthopaedic trauma justified?. <i>BMC Musculoskeletal Disorders</i> , <b>2018</b> , 19, 124	2.8	1
368	Primary and Secondary Total Knee Arthroplasty for Tibial Plateau Fractures. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , <b>2018</b> , 26, 386-395	4.5	20
367	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> , <b>2018</b> , 33, 3065-3069	4.4	73
366	Does Time to Surgery Affect Outcomes for Periprosthetic Femur Fractures?. <i>Journal of Arthroplasty</i> , <b>2018</b> , 33, 878-881	4.4	17
365	Factors Associated With Health-Related Quality of Life in Patients With Open Fractures. <i>Journal of Orthopaedic Trauma</i> , <b>2018</b> , 32, e5-e11	3.1	4
364	Outside the Bone: What Is Happening Systemically to Influence Fracture Healing?. <i>Journal of Orthopaedic Trauma</i> , <b>2018</b> , 32 Suppl 1, S33-S36	3.1	11
363	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> , <b>2018</b> , 100, 1871-1878	5.6	15
362	Biomechanical Analysis Using FEA and Experiments of Metal Plate and Bone Strut Repair of a Femur Midshaft Segmental Defect. <i>BioMed Research International</i> , <b>2018</b> , 2018, 4650308	3	15
361	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> , <b>2018</b> , 100, 1982	5.6	2
360	Biomechanics-Hot Topics Part I. <i>Journal of Orthopaedic Trauma</i> , <b>2018</b> , 32 Suppl 1, S17-S20	3.1	
359	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> , <b>2018</b> , 33, 3368-3369	4.4	2
358	Rehabilitation after plate fixation of upper and lower extremity fractures. <i>Injury</i> , <b>2018</b> , 49 Suppl 1, S72-S77		9

357	Fracture fixation in the operative management of hip fractures (FAITH): an international, multicentre, randomised controlled trial. <i>Lancet, The</i> , <b>2017</b> , 389, 1519-1527	4.0	142
356	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> , <b>2017</b> , 31, 200-204	3.1	8
355	Extended applications of the reamer-irrigator-aspirator (RIA) system. <i>Injury</i> , <b>2017</b> , 48 Suppl 1, S47-S51	2.5	10
354	Intramedullary nail fixation of non-traditional fractures: Clavicle, forearm, fibula. <i>Injury</i> , <b>2017</b> , 48 Suppl 1, S41-S46	2.5	8
353	Isolated Head and Liner Exchange in Revision Hip Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , <b>2017</b> , 25, 288-296	4.5	13
352	Characterization and fracture property of different strontium-containing borate-based glass coatings for Ti6Al4V substrates. <i>Journal of Non-Crystalline Solids</i> , <b>2017</b> , 458, 69-75	3.9	11
351	Size Matters: Defining Critical in Bone Defect Size!. <i>Journal of Orthopaedic Trauma</i> , <b>2017</b> , 31 Suppl 5, S20-S22	3.1	141
350	Titanium addition influences antibacterial activity of bioactive glass coatings on metallic implants. <i>Heliyon</i> , <b>2017</b> , 3, e00420	3.6	19
349	Biomechanical Measurement Error Can Be Caused by Fujifilm Thickness: A Theoretical, Experimental, and Computational Analysis. <i>BioMed Research International</i> , <b>2017</b> , 2017, 4310314	3	0
348	Delayed Endothelial Progenitor Cell Therapy Promotes Bone Defect Repair in a Clinically Relevant Rat Model. <i>Stem Cells International</i> , <b>2017</b> , 2017, 7923826	5	9
347	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> , <b>2017</b> , 60, 19-29	2	13
346	Fretting Corrosion Testing of Total Hip Replacements with Modular Heads and Stems <b>2017</b> , 285-298		
345	Intra-articular hyaluronic acid in the treatment of knee osteoarthritis: a Canadian evidence-based perspective. <i>Therapeutic Advances in Musculoskeletal Disease</i> , <b>2017</b> , 9, 231-246	3.8	44
344	Subtypes of endothelial progenitor cells affect healing of segmental bone defects differently. <i>International Orthopaedics</i> , <b>2017</b> , 41, 2337-2343	3.8	10
343	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> , <b>2017</b> , 46, 71-78	2.4	6
342	Orthopaedic surgeons' opinions surrounding the management of proximal humerus fractures: an international survey. <i>International Orthopaedics</i> , <b>2017</b> , 41, 1749-1755	3.8	14
341	Biomechanical optimization of the angle and position for surgical implantation of a straight short stem hip implant. <i>Medical Engineering and Physics</i> , <b>2017</b> , 39, 23-30	2.4	3
340	The Role of Metal-on-Metal Bearings in Total Hip Arthroplasty and Hip Resurfacing: Review Article. <i>HSS Journal</i> , <b>2017</b> , 13, 2-6	2	8

339	Evidence based recommendations for reducing head-neck taper connection fretting corrosion in hip replacement prostheses. <i>HIP International</i> , <b>2017</b> , 27, 523-531	1.7	16
338	Biomechanical Testing of the Intact and Surgically Treated Pelvis <b>2017</b> , 149-165		1
337	Total Hip Arthroplasty After Acetabular Fracture Is Associated With Lower Survivorship and More Complications. <i>Clinical Orthopaedics and Related Research</i> , <b>2016</b> , 474, 392-8	2.2	65
336	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> , <b>2016</b> , 44, 521-32	6.8	42
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