

Emil H Schemitsch

List of Publications by Year in descending order

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Version: 2024-02-01

475
papers

23,450
citations

6592

79
h-index

12910

131
g-index

489
all docs

489
docs citations

489
times ranked

14573
citing authors

#	ARTICLE	IF	CITATIONS
1	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, , 095441192210745.	1.0	1
2	Decreasing Trend in Complications for Patients With Obesity and Metabolic Syndrome Undergoing Total Knee Arthroplasty From 2006 to 2017. Journal of Arthroplasty, 2022, 37, S159-S164.	1.5	3
3	The induced membrane technique: Optimization of bone grafting in a rat model of segmental bone defect. Injury, 2022, , .	0.7	2
4	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.	1.1	0
5	The induced membrane technique in animal models: a systematic review. OTA International the Open Access Journal of Orthopaedic Trauma, 2022, 5, e176.	0.4	2
6	Biomechanical design of a new percutaneous locked plate for comminuted proximal tibia fractures. Medical Engineering and Physics, 2022, 104, 103801.	0.8	3
7	Patients With Femoral Neck Fractures Are at Risk for Conversion to Arthroplasty After Internal Fixation: A Machine Learning Algorithm. Clinical Orthopaedics and Related Research, 2022, 480, 2350-2360.	0.7	2
8	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. Medical Engineering and Physics, 2021, 87, 95-103.	0.8	11
9	A concept analysis and overview of outcome measures used for evaluating patients with proximal humerus fractures. Disability and Rehabilitation, 2021, 43, 1450-1462.	0.9	3
10	Post Discharge after Surgery Virtual Care with Remote Automated Monitoring Technology (PVC-RAM): protocol for a randomized controlled trial. CMAJ Open, 2021, 9, E142-E148.	1.1	3
11	Prognostic factors for predicting health-related quality of life after intramedullary nailing of tibial fractures: a randomized controlled trial. Bone & Joint Open, 2021, 2, 22-32.	1.1	4
12	Optimal Technical Factors During Operative Management of Low-Energy Femoral Neck Fractures. Journal of Orthopaedic Trauma, 2021, 35, 92-99.	0.7	2
13	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. Injury, 2021, 52, 3051-3059.	0.7	5
14	Systemically impaired fracture healing in small animal research: A review of fracture repair models. Journal of Orthopaedic Research, 2021, 39, 1359-1367.	1.2	9
15	Timing and Management of Surgical Site Infections in Patients With Open Fracture Wounds: A Fluid Lavage of Open Wounds Cohort Secondary Analysis. Journal of Orthopaedic Trauma, 2021, 35, 128-135.	0.7	8
16	Biomechanical optimization of the far cortical locking technique for early healing of distal femur fractures. Medical Engineering and Physics, 2021, 89, 63-72.	0.8	11
17	Heterotopic Ossification Following Arthroplasty for Femoral Neck Fracture. Journal of Bone and Joint Surgery - Series A, 2021, 103, 1328-1334.	1.4	5
18	Biomechanical analysis of fixation methods for acetabular fractures: A review. Medical Engineering and Physics, 2021, 89, 51-62.	0.8	4

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19	Biomechanical models: key considerations in study design. OTA International the Open Access Journal of Orthopaedic Trauma, 2021, 4, e099.	0.4	11
20	Prolonged surgical time increases the odds of complications following total knee arthroplasty. Canadian Journal of Surgery, 2021, 64, E273-E279.	0.5	8
21	Impact of centre volume, surgeon volume, surgeon experience and geographic location on reoperation after intramedullary nailing of tibial shaft fractures. Canadian Journal of Surgery, 2021, 64, E371-E376.	0.5	4
22	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. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110302.	0.8	42
23	Subspecialty Fellowship Training is Not Associated with Better Outcomes in Fixation of Low Energy Femoral Neck Fractures – An Analysis of the FAITH Database. Journal of Orthopaedic Trauma, 2021, Publish Ahead of Print, .	0.7	1
24	In Situ Placement Versus Anterior Transposition of the Ulnar Nerve for Distal Humerus Fractures Treated With Plate Fixation: A Multicenter Randomized Controlled Trial. Journal of Orthopaedic Trauma, 2021, 35, 465-471.	0.7	19
25	In vitro evaluation of novel titania-containing borate bioactive glass scaffolds. Journal of Biomedical Materials Research - Part A, 2021, 109, 146-158.	2.1	11
26	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. Clinical Orthopaedics and Related Research, 2021, 479, 805-813.	0.7	2
27	Effect of head size and rotation on taper corrosion in a hip simulator. Bone & Joint Open, 2021, 2, 1004-1016.	1.1	7
28	Effect of TiO2 doping on degradation rate, microstructure and strength of borate bioactive glass scaffolds. Materials Science and Engineering C, 2020, 107, 110351.	3.8	11
29	Evidence-Based Medicine: Boom or Bust in Orthopaedic Trauma?. Journal of Bone and Joint Surgery - Series A, 2020, 102, e6.	1.4	3
30	Predictors of Long-Term Pain After Hip Arthroplasty in Patients With Femoral Neck Fractures: A Cohort Study. Journal of Orthopaedic Trauma, 2020, 34, S55-S63.	0.7	4
31	Predictors of Loss to Follow-up in Hip Fracture Trials: A Secondary Analysis of the FAITH and HEALTH Trials. Journal of Orthopaedic Trauma, 2020, 34, S22-S28.	0.7	2
32	The FAITH and HEALTH Trials: Are We Studying Different Hip Fracture Patient Populations?. Journal of Orthopaedic Trauma, 2020, 34, S1-S8.	0.7	3
33	Arthroplasty Versus Internal Fixation for the Treatment of Undisplaced Femoral Neck Fractures: A Retrospective Cohort Study. Journal of Orthopaedic Trauma, 2020, 34, S9-S14.	0.7	12
34	Who Did the Arthroplasty? Hip Fracture Surgery Reoperation Rates are Not Affected by Type of Training – An Analysis of the HEALTH Database. Journal of Orthopaedic Trauma, 2020, 34, S64-S69.	0.7	7
35	The induced membrane technique for the management of long bone defects. Bone and Joint Journal, 2020, 102-B, 1723-1734.	1.9	38
36	Venous Thromboembolism in Hip Fracture Patients: A Subanalysis of the FAITH and HEALTH Trials. Journal of Orthopaedic Trauma, 2020, 34, S70-S75.	0.7	17

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37	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, S37-S41.	0.7	7
38	Predictors of Medical Serious Adverse Events in Hip Fracture Patients Treated With Arthroplasty. <i>Journal of Orthopaedic Trauma</i> , 2020, 34, S42-S48.	0.7	0
39	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.	0.7	25
40	Clockwise Torque of Sliding Hip Screws: Is There a Right Side?. <i>Journal of Orthopaedic Trauma</i> , 2020, 34, S76-S80.	0.7	2
41	High molecular weight Intraarticular hyaluronic acid for the treatment of knee osteoarthritis: a network meta-analysis. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 702.	0.8	25
42	Factors Associated With Mortality After Surgical Management of Femoral Neck Fractures. <i>Journal of Orthopaedic Trauma</i> , 2020, 34, S15-S21.	0.7	11
43	Romozosumab in Skeletally Mature Adults with a Fresh Unilateral Tibial Diaphyseal Fracture. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1416-1426.	1.4	33
44	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, S29-S36.	0.7	1
45	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, S49-S54.	0.7	2
46	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.	1.5	19
47	Functional outcome following elbow release and hardware removal after bicolumnar fixation of distal humeral fractures. <i>Injury</i> , 2020, 51, 1592-1596.	0.7	6
48	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.	0.8	3
49	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.	1.0	7
50	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.	1.5	25
51	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.	1.6	2
52	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.	1.0	7
53	Radiographic evaluations: Which are most effective to follow fracture healing?. <i>Injury</i> , 2020, 51, S18-S22.	0.7	12
54	A Large-Scale Fifteen-Year Minimum Survivorship of a Cementless Triple Tapered Femoral Stem. <i>Journal of Arthroplasty</i> , 2020, 35, 2161-2166.	1.5	7

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55	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, 25.	1.8	17
56	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.	1.4	53
57	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.	0.4	1
58	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.	0.6	4
59	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.	0.7	7
60	Wear Rates of XLPE Nearly 50% Lower Than Previously Thought After Adjusting for Initial Creep. <i>JBJS Open Access</i> , 2020, 5, e0066-e0066.	0.8	17
61	Anemia at Presentation Predicts Acute Mortality and Need for Readmission Following Geriatric Hip Fracture. <i>JBJS Open Access</i> , 2020, 5, e20.00048-e20.00048.	0.8	25
62	Association of Three-Month Radiographic Union Score for Tibia Fractures (RUST) with Nonunion in Tibial Shaft Fracture Patients. <i>Cureus</i> , 2020, 12, e8314.	0.2	5
63	Biomechanical Consequences of Nail Insertion Point and Anterior Cortical Perforation for Antegrade Femoral Nailing. <i>BioMed Research International</i> , 2020, 2020, 1-10.	0.9	4
64	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.	0.2	3
65	Introduction. <i>Journal of Orthopaedic Trauma</i> , 2020, 34, Si-Si.	0.7	0
66	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> , The, 2020, Publish Ahead of Print, 929-936.	1.1	3
67	Patellar Resurfacing in Primary Total Knee Arthroplasty: A Meta-Analysis of Randomized Controlled Trials. <i>Journal of Arthroplasty</i> , 2019, 34, 3124-3132.	1.5	41
68	A review of materials for managing bone loss in revision total knee arthroplasty. <i>Materials Science and Engineering C</i> , 2019, 104, 109941.	3.8	16
69	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.	1.2	32
70	Total Hip Arthroplasty or Hemiarthroplasty for Hip Fracture. <i>New England Journal of Medicine</i> , 2019, 381, 2199-2208.	13.9	268
71	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.	1.1	79
72	Early post-operative outcomes of plate versus nail fixation for humeral shaft fractures. <i>Injury</i> , 2019, 50, 1460-1463.	0.7	12

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73	Carbon monoxide-releasing molecule (CORM) offers protection in an in vitro model of compartment syndrome. <i>Microcirculation</i> , 2019, 26, e12577.	1.0	7
74	Catastrophic femoral head trunnion dissociation: a case series with surface wear analysis. <i>HIP International</i> , 2019, 29, NP1-NP5.	0.9	7
75	Closed Limb Fractures With Compromised Vascularization: A Narrative Review. <i>Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders</i> , 2019, 12, 117954411983674.	0.3	0
76	A higher reoperation rate following arthroplasty for failed fixation versus primary arthroplasty for the treatment of proximal humeral fractures. <i>Bone and Joint Journal</i> , 2019, 101-B, 1272-1279.	1.9	21
77	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.	0.7	9
78	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.	0.7	59
79	Prevention of the Infected Fracture: Evidence-Based Strategies for Success!. <i>Journal of Orthopaedic Trauma</i> , 2019, 33, S1-S5.	0.7	3
80	Understanding Articular Cartilage Injury and Potential Treatments. <i>Journal of Orthopaedic Trauma</i> , 2019, 33, S6-S12.	0.7	26
81	A Comparison of Treatment Effects for Nonsurgical Therapies and the Minimum Clinically Important Difference in Knee Osteoarthritis. <i>JBJS Reviews</i> , 2019, 7, e5-e5.	0.8	28
82	Loss of Independence After Operative Management of Femoral Neck Fractures. <i>Journal of Orthopaedic Trauma</i> , 2019, 33, 292-300.	0.7	16
83	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.	0.8	12
84	Critical-Size Bone Defects: Is There a Consensus for Diagnosis and Treatment?. <i>Journal of Orthopaedic Trauma</i> , 2018, 32, S7-S11.	0.7	195
85	Diabetes and Healing Outcomes in Lower Extremity Fractures: A Systematic Review. <i>Injury</i> , 2018, 49, 177-183.	0.7	58
86	Factors Associated With Revision Surgery After Internal Fixation of Hip Fractures. <i>Journal of Orthopaedic Trauma</i> , 2018, 32, 223-230.	0.7	39
87	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.	0.7	10
88	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.	1.2	5
89	Clavicle Malunions: Surgical Treatment and Outcome—a Literature Review. <i>HSS Journal</i> , 2018, 14, 88-98.	0.7	11
90	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.	1.5	34

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91	The Efficacy of Tranexamic Acid in Total Knee Arthroplasty: A Network Meta-Analysis. Journal of Arthroplasty, 2018, 33, 3090-3098.e1.	1.5	171
92	The Safety of Tranexamic Acid in Total Joint Arthroplasty: A Direct Meta-Analysis. Journal of Arthroplasty, 2018, 33, 3070-3082.e1.	1.5	108
93	An international, cross-sectional survey of the management of Vancouver type B1 periprosthetic femoral fractures around total hip arthroplasties. Injury, 2018, 49, 364-369.	0.7	15
94	Clavicle Nonunions. , 2018, , 75-93.		0
95	Operative Stabilization of Flail Chest Injuries Reduces Mortality to That of Stable Chest Wall Injuries. Journal of Orthopaedic Trauma, 2018, 32, 15-21.	0.7	41
96	Does Time to Surgery Affect Outcomes for Periprosthetic Femur Fractures?. Journal of Arthroplasty, 2018, 33, 878-881.	1.5	26
97	Factors Associated With Health-Related Quality of Life in Patients With Open Fractures. Journal of Orthopaedic Trauma, 2018, 32, e5-e11.	0.7	7
98	Outside the Bone: What Is Happening Systemically to Influence Fracture Healing?. Journal of Orthopaedic Trauma, 2018, 32, S33-S36.	0.7	11
99	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. Journal of Bone and Joint Surgery - Series A, 2018, 100, 1871-1878.	1.4	32
100	Biomechanical Analysis Using FEA and Experiments of Metal Plate and Bone Strut Repair of a Femur Midshaft Segmental Defect. BioMed Research International, 2018, 2018, 1-11.	0.9	27
101	In Younger Patients with End-Stage Knee Osteoarthritis, Computer-Assisted Versus Conventional Total Knee Arthroplasty Did Not Improve Function at 15 Years. Journal of Bone and Joint Surgery - Series A, 2018, 100, 1982-1982.	1.4	2
102	Biomechanicsâ€”Hot Topics Part I. Journal of Orthopaedic Trauma, 2018, 32, S17-S20.	0.7	0
103	Response to Letter to the Editor on â€œThe Safety of Tranexamic Acid in Total Joint Arthroplasty: A Direct Meta-Analysisâ€. Journal of Arthroplasty, 2018, 33, 3368-3369.	1.5	2
104	Developing Stem Cell-Based Therapeutic Strategies in Orthopaedic Surgery. Stem Cells International, 2018, 2018, 1-2.	1.2	0
105	Rehabilitation after plate fixation of upper and lower extremity fractures. Injury, 2018, 49, S72-S77.	0.7	13
106	The Efficacy of Tranexamic Acid in Total Hip Arthroplasty: A Network Meta-analysis. Journal of Arthroplasty, 2018, 33, 3083-3089.e4.	1.5	128
107	Plate fixation for management of humerus fractures. Injury, 2018, 49, S33-S38.	0.7	35
108	Are large clinical trials in orthopaedic trauma justified?. BMC Musculoskeletal Disorders, 2018, 19, 124.	0.8	5

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109	Primary and Secondary Total Knee Arthroplasty for Tibial Plateau Fractures. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2018, 26, 386-395.	1.1	27
110	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.	1.5	125
111	Fracture fixation in the operative management of hip fractures (FAITH): an international, multicentre, randomised controlled trial. <i>Lancet</i> , The, 2017, 389, 1519-1527.	6.3	225
112	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.	0.7	16
113	Extended applications of the reamer-irrigator-aspirator (RIA) system. <i>Injury</i> , 2017, 48, S47-S51.	0.7	15
114	Intramedullary nail fixation of non-traditional fractures: Clavicle, forearm, fibula. <i>Injury</i> , 2017, 48, S41-S46.	0.7	16
115	Isolated Head and Liner Exchange in Revision Hip Arthroplasty. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2017, 25, 288-296.	1.1	18
116	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.	1.5	13
117	Simple decompression vs. anterior transposition of the ulnar nerve for distal humerus fractures treated with plate fixation: a multi centre randomized controlled trial. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, e335.	1.2	1
118	Size Matters: Defining Critical in Bone Defect Size!. <i>Journal of Orthopaedic Trauma</i> , 2017, 31, S20-S22.	0.7	274
119	Titanium addition influences antibacterial activity of bioactive glass coatings on metallic implants. <i>Heliyon</i> , 2017, 3, e00420.	1.4	23
120	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.	1.2	59
121	Subtypes of endothelial progenitor cells affect healing of segmental bone defects differently. <i>International Orthopaedics</i> , 2017, 41, 2337-2343.	0.9	13
122	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.	0.8	13
123	Orthopaedic surgeons'™ opinions surrounding the management of proximal humerus fractures: an international survey. <i>International Orthopaedics</i> , 2017, 41, 1749-1755.	0.9	22
124	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.	0.8	6
125	The Role of Metal-on-Metal Bearings in Total Hip Arthroplasty and Hip Resurfacing. <i>HSS Journal</i> , 2017, 13, 2-6.	0.7	9
126	Evidence Based Recommendations for Reducing Head-Neck Taper Connection Fretting Corrosion in Hip Replacement Prostheses. <i>HIP International</i> , 2017, 27, 523-531.	0.9	23

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127	Biomechanical Testing of the Intact and Surgically Treated Pelvis. , 2017, , 149-165.		1
128	Biomechanical Measurement Error Can Be Caused by Fujifilm Thickness: A Theoretical, Experimental, and Computational Analysis. BioMed Research International, 2017, 2017, 1-11.	0.9	2
129	Delayed Endothelial Progenitor Cell Therapy Promotes Bone Defect Repair in a Clinically Relevant Rat Model. Stem Cells International, 2017, 2017, 1-10.	1.2	12
130	Antegrade versus retrograde nailing techniques and trochanteric versus piriformis intramedullary nailing entry points for femoral shaft fractures: a systematic review and meta-analysis. Canadian Journal of Surgery, 2017, 60, 19-29.	0.5	20
131	Fretting Corrosion Testing of Total Hip Replacements with Modular Heads and Stems. , 2017, , 285-298.		2
132	Silica-Based and Borate-Based, Titania-Containing Bioactive Coatings Characterization: Critical Strain Energy Release Rate, Residual Stresses, Hardness, and Thermal Expansion. Journal of Functional Biomaterials, 2016, 7, 32.	1.8	15
133	Character, Incidence, and Predictors of Knee Pain and Activity After Infrapatellar Intramedullary Nailing of an Isolated Tibia Fracture. Journal of Orthopaedic Trauma, 2016, 30, 135-141.	0.7	14
134	Healing Time and Complications in Operatively Treated Atypical Femur Fractures Associated With Bisphosphonate Use. Journal of Orthopaedic Trauma, 2016, 30, 177-181.	0.7	57
135	Does Participation in a Randomized Clinical Trial Change Outcomes? An Evaluation of Patients Not Enrolled in the SPRINT Trial. Journal of Orthopaedic Trauma, 2016, 30, 156-161.	0.7	1
136	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. Journal of Orthopaedic Trauma, 2016, 30, 345-352.	0.7	115
137	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. Journal of Orthopaedic Trauma, 2016, 30, e1-e6.	0.7	26
138	Total hip arthroplasty following failure of core decompression and tantalum rod implantation. Bone and Joint Journal, 2016, 98-B, 1175-1179.	1.9	24
139	Quantitative evaluation of the adhesion of bioactive glasses onto Ti6Al4V substrates. Materials and Design, 2016, 97, 213-221.	3.3	14
140	Total medical costs of treating femoral neck fracture patients with hemi- or total hip arthroplasty: a cost analysis of a multicenter prospective study. Osteoporosis International, 2016, 27, 1999-2008.	1.3	53
141	Wound Irrigation Pressure Did Not Affect Reoperation Rate After Open Fracture Repair, but Normal Saline Solution Was Better Than Castile Soap. Journal of Bone and Joint Surgery - Series A, 2016, 98, 871.	1.4	4
142	Viscosupplementation in Knee Osteoarthritis: Evidence Revisited. JBJS Reviews, 2016, 4, e11-e111.	0.8	38
143	Antibacterial and osteo-stimulatory effects of a borate-based glass series doped with strontium ions. Journal of Biomaterials Applications, 2016, 31, 674-683.	1.2	16
144	Biomechanical analysis of the cephalomedullary nail versus the trochanteric stabilizing plate for unstable intertrochanteric femur fractures. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2016, 230, 1133-1140.	1.0	9

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145	Re-evaluation of low intensity pulsed ultrasound in treatment of tibial fractures (TRUST): randomized clinical trial. <i>BMJ, The</i> , 2016, 355, i5351.	3.0	43
146	Reaming Does Not Affect Functional Outcomes After Open and Closed Tibial Shaft Fractures. <i>Journal of Orthopaedic Trauma</i> , 2016, 30, 142-148.	0.7	32
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