

Robert V O'toole

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

2,339
citations

201674

27
h-index

243625

44
g-index

106
all docs

106
docs citations

106
times ranked

1937
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Radiographic Healing. <i>Journal of Orthopaedic Trauma</i> , 2015, 29, 516-520.	1.4	196
2	Determinants of Patient Satisfaction After Severe Lower-Extremity Injuries. <i>Journal of Bone and Joint Surgery - Series A</i> , 2008, 90, 1206-1211.	3.0	141
3	Young-Burgess Classification of Pelvic Ring Fractures: Does It Predict Mortality, Transfusion Requirements, and Non-orthopaedic Injuries?. <i>Journal of Orthopaedic Trauma</i> , 2010, 24, 603-609.	1.4	115
4	Long-Term Follow-up of Shoulder Hemiarthroplasty for Glenohumeral Osteoarthritis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2012, 94, e164-1-7.	3.0	111
5	Resuscitation Before Stabilization of Femoral Fractures Limits Acute Respiratory Distress Syndrome in Patients With Multiple Traumatic Injuries Despite Low Use of Damage Control Orthopedics. <i>Journal of Trauma</i> , 2009, 67, 1013-1021.	2.3	98
6	How Often Does Open Reduction and Internal Fixation of Geriatric Acetabular Fractures Lead to Hip Arthroplasty?. <i>Journal of Orthopaedic Trauma</i> , 2014, 28, 148-153.	1.4	93
7	Current Bacterial Speciation and Antibiotic Resistance in Deep Infections After Operative Fixation of Fractures. <i>Journal of Orthopaedic Trauma</i> , 2015, 29, 7-17.	1.4	76
8	Low Complication Rate of LISS for Femur Fractures Adjacent to Stable Hip or Knee Arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2006, 450, 203-210.	1.5	69
9	Are Locking Screws Advantageous with Plate Fixation of Humeral Shaft Fractures? A Biomechanical Analysis of Synthetic and Cadaveric Bone. <i>Journal of Orthopaedic Trauma</i> , 2008, 22, 709-715.	1.4	62
10	Will My Tibial Fracture Heal? Predicting Nonunion at the Time of Definitive Fixation Based on Commonly Available Variables. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 1385-1395.	1.5	62
11	Assessment of a deep-learning system for fracture detection in musculoskeletal radiographs. <i>Npj Digital Medicine</i> , 2020, 3, 144.	10.9	60
12	Evaluation of Computed Tomography for Determining the Diagnosis of Acetabular Fractures. <i>Journal of Orthopaedic Trauma</i> , 2010, 24, 284-290.	1.4	59
13	Effect of Intrawound Vancomycin Powder in Operatively Treated High-risk Tibia Fractures. <i>JAMA Surgery</i> , 2021, 156, e207259.	4.3	56
14	Does Surgical Stabilization of Lateral Compression-type Pelvic Ring Fractures Decrease Patients' Pain, Reduce Narcotic Use, and Improve Mobilization?. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 1422-1429.	1.5	49
15	Variation in Diagnosis of Compartment Syndrome by Surgeons Treating Tibial Shaft Fractures. <i>Journal of Trauma</i> , 2009, 67, 735-741.	2.3	47
16	How much articular displacement can be detected using fluoroscopy for tibial plateau fractures?. <i>Injury</i> , 2015, 46, 2243-2247.	1.7	45
17	Correlation between RUST assessments of fracture healing to structural and biomechanical properties. <i>Journal of Orthopaedic Research</i> , 2018, 36, 945-953.	2.3	43
18	Magnetic Resonance Imaging for the Evaluation of Ligamentous Injury in the Pelvis. <i>Journal of Orthopaedic Trauma</i> , 2014, 28, 41-47.	1.4	39

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19	Predictive model for surgical site infection risk after surgery for high-energy lower-extremity fractures. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 1521-1527.	2.1	35
20	CT Prediction Model for Major Arterial Injury after Blunt Pelvic Ring Disruption. <i>Radiology</i> , 2018, 287, 1061-1069.	7.3	34
21	Analysis of Postoperative Knee Sepsis After Retrograde Nail Insertion of Open Femoral Shaft Fractures. <i>Journal of Orthopaedic Trauma</i> , 2010, 24, 677-682.	1.4	32
22	Surgeons and Their Patients Disagree Regarding Cosmetic and Overall Outcomes After Surgery for High-Energy Lower Extremity Trauma. <i>Journal of Orthopaedic Trauma</i> , 2009, 23, 716-723.	1.4	31
23	Surgical site infection in tibial plateau fractures with ipsilateral compartment syndrome. <i>Injury</i> , 2017, 48, 495-500.	1.7	31
24	Prediction of tibial nonunion at the 6-week time point. <i>Injury</i> , 2018, 49, 2075-2082.	1.7	30
25	A Calcar Collar Is Protective Against Early Torsional/Spiral Periprosthetic Femoral Fracture. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1427-1433.	3.0	30
26	Fixed angle devices versus multiple cancellous screws: What does the evidence tell us?. <i>Injury</i> , 2015, 46, 474-477.	1.7	29
27	Aspirin versus low-molecular-weight heparin for venous thromboembolism prophylaxis in orthopaedic trauma patients: A patient-centered randomized controlled trial. <i>PLoS ONE</i> , 2020, 15, e0235628.	2.5	29
28	Internal anterior fixators for pelvic ring injuries: Do monaxial pedicle screws provide more stiffness than polyaxial pedicle screws?. <i>Injury</i> , 2015, 46, 996-1000.	1.7	27
29	A Predictive Score for Determining Risk of Surgical Site Infection After Orthopaedic Trauma Surgery. <i>Journal of Orthopaedic Trauma</i> , 2019, 33, 506-513.	1.4	26
30	Vancomycin Powder Use in Fractures at High Risk of Surgical Site Infection. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, 23-28.	1.4	26
31	Patient preferences for venous thromboembolism prophylaxis after injury: a discrete choice experiment. <i>BMJ Open</i> , 2017, 7, e016676.	1.9	25
32	Are antibiotic nails effective in the treatment of infected tibial fractures?. <i>Injury</i> , 2016, 47, 2809-2815.	1.7	24
33	Variations in the Organisms Causing Deep Surgical Site Infections in Fracture Patients at a Level I Trauma Center (2006-2015). <i>Journal of Orthopaedic Trauma</i> , 2018, 32, e475-e481.	1.4	22
34	Acute Pain Characteristics in Patients with and without Chronic Pain following Lower Extremity Injury. <i>Pain Management Nursing</i> , 2017, 18, 33-41.	0.9	19
35	Effectiveness of Iodophor vs Chlorhexidine Solutions for Surgical Site Infections and Unplanned Reoperations for Patients Who Underwent Fracture Repair. <i>JAMA Network Open</i> , 2020, 3, e202215.	5.9	19
36	A Prospective Clinical Trial Comparing Surgical Fixation Versus Nonoperative Management of Minimally Displaced Complete Lateral Compression Pelvis Fractures. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, 592-598.	1.4	18

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37	Systemic Absorption and Nephrotoxicity Associated With Topical Vancomycin Powder for Fracture Surgery. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, 29-34.	1.4	18
38	Perfusion Pressure Lacks Diagnostic Specificity for the Diagnosis of Acute Compartment Syndrome. <i>Journal of Orthopaedic Trauma</i> , 2020, 34, 287-293.	1.4	17
39	Quantitative MDCT assessment of binder effects after pelvic ring disruptions using segmented pelvic haematoma volumes and multiplanar caliper measurements. <i>European Radiology</i> , 2018, 28, 3953-3962.	4.5	16
40	Continuous Near-Infrared Spectroscopy Demonstrates Limitations in Monitoring the Development of Acute Compartment Syndrome in Patients with Leg Injuries. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 1645-1652.	3.0	16
41	Orthopaedic trauma patients and smoking: Knowledge deficits and interest in quitting. <i>Injury</i> , 2016, 47, 1206-1211.	1.7	15
42	Effect of Training Modules on Hip Fracture Surgical Skills Simulation Performance. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 2051-2060.	3.0	14
43	Open reduction and internal fixation alone versus open reduction and internal fixation plus total hip arthroplasty for displaced acetabular fractures in patients older than 60 years: A prospective clinical trial. <i>Injury</i> , 2022, 53, 523-528.	1.7	14
44	Gluteal compartment syndrome: A systematic review and meta-analysis. <i>Injury</i> , 2022, 53, 1209-1217.	1.7	13
45	Is intramedullary screw fixation biomechanically superior to locking plate fixation and/or tension band wiring in transverse olecranon fractures? A cadaveric biomechanical comparison study. <i>Injury</i> , 2020, 51, 850-855.	1.7	12
46	Risk factors for treatment failure of fracture-related infections. <i>Injury</i> , 2021, 52, 1351-1355.	1.7	12
47	Low Adherence to Recommended Guidelines for Open Fracture Antibiotic Prophylaxis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 609-617.	3.0	12
48	Safety of immediate open reduction and internal fixation of geriatric open fractures of the distal radius. <i>Injury</i> , 2014, 45, 534-539.	1.7	11
49	Superior Pubic Ramus Osteotomy to Treat Locked Pubic Symphysis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 1609-1614.	3.0	10
50	Prospective Randomized Trial on Smoking Cessation in Orthopaedic Trauma Patients: Results From the Let's STOP (Smoking in Trauma Orthopaedic Patients) Now Trial. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, 345-351.	1.4	10
51	Rib Fracture Fixation Restores Inspiratory Volume and Peak Flow in a Full Thorax Human Cadaveric Breathing Model. <i>Archives of Trauma Research</i> , 2015, 4, e28018.	0.9	10
52	Can applied external fixators be sterilized for surgery? A prospective cohort study of orthopaedic trauma patients. <i>Injury</i> , 2016, 47, 2679-2682.	1.7	9
53	Quantitative Sensory Testing and Current Perception Threshold Testing in Patients With Chronic Pain Following Lower Extremity Fracture. <i>Biological Research for Nursing</i> , 2018, 20, 16-24.	1.9	9
54	Fixation Using Alternative Implants for the Treatment of Hip Fractures (FAITH-2): The Clinical Outcomes of a Multicenter 2 × 2 Factorial Randomized Controlled Pilot Trial in Young Femoral Neck Fracture Patients. <i>Journal of Orthopaedic Trauma</i> , 2020, 34, 524-532.	1.4	9

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55	Admission Hyperglycemia Is a Risk Factor for Deep Surgical-Site Infection in Orthopaedic Trauma Patients. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, e451-e457.	1.4	9
56	Dual-Energy CT and Cinematic Rendering to Improve Assessment of Pelvic Fracture Instability. <i>Radiology</i> , 2022, 304, 353-362.	7.3	9
57	Treatment of tibial nonunion with posterolateral bone grafting. <i>Injury</i> , 2017, 48, 2242-2247.	1.7	8
58	Topical Vancomycin Powder Decreases the Proportion of Staphylococcus aureus Found in Culture of Surgical Site Infections in Operatively Treated Fractures. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, 17-22.	1.4	8
59	Association of Perioperative Computed Tomography Hounsfield Units and Failure of Femoral Neck Fracture Fixation. <i>Journal of Orthopaedic Trauma</i> , 2020, 34, 632-638.	1.4	8
60	AO Patient Outcomes Center: Design, Implementation, and Evaluation of a Software Application for the Collection of Patient-Reported Outcome Measures in Orthopedic Outpatient Clinics. <i>JMIR Formative Research</i> , 2019, 3, e10880.	1.4	8
61	Biomechanical comparison of distal femoral fracture fixation: Analysis of nonlocked, locked, and far cortical locked constructs. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2573-2579.	2.3	7
62	The 1-Year Economic Impact of Work Productivity Loss Following Severe Lower Extremity Trauma. <i>Journal of Bone and Joint Surgery - Series A</i> , 2022, 104, 586-593.	3.0	7
63	Poor Agreement Between Next-Generation DNA Sequencing and Bacterial Cultures in Orthopaedic Trauma Procedures. <i>Journal of Bone and Joint Surgery - Series A</i> , 2022, 104, 497-503.	3.0	7
64	Location of civilian ballistic femoral fracture indicates likelihood of arterial injury. <i>Injury</i> , 2014, 45, 1637-1642.	1.7	6
65	Radiographic predictors of symptomatic screw removal after retrograde femoral nail insertion. <i>Injury</i> , 2017, 48, 758-762.	1.7	6
66	Assessment of trochanteric osteotomy fragment union after acetabular fracture surgery. <i>Injury</i> , 2017, 48, 384-387.	1.7	6
67	Effect of Extended Prophylactic Antibiotic Duration in the Treatment of Open Fracture Wounds Differs by Level of Contamination. <i>Journal of Orthopaedic Trauma</i> , 2020, 34, 113-120.	1.4	6
68	Are deep infections that present before and after 90 days from orthopaedic trauma different? An analysis of the validity of the recent change in CDC criteria for infections. <i>Injury</i> , 2022, 53, 912-918.	1.7	6
69	Compartment Syndrome in High-Energy Tibial Plateau Fractures. <i>Orthopedic Clinics of North America</i> , 2022, 53, 43-50.	1.2	6
70	Surgical factors associated with symptomatic implant removal after patella fracture. <i>Injury</i> , 2022, 53, 2241-2246.	1.7	6
71	Fracture of the distal radius with radial artery injury: Injury description and outcome of vascular repair. <i>Injury</i> , 2013, 44, 437-441.	1.7	5
72	Analysis of strategies to increase external fixator stiffness: Is double stacking worth the cost?. <i>Injury</i> , 2014, 45, 1049-1053.	1.7	5

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73	Does Intramedullary Nail Fixation of the Tibia Pose the Same Risk of Pulmonary Complications as Intramedullary Nail Fixation of the Femur? A Propensity Score-Matched Analysis. <i>Journal of Orthopaedic Trauma</i> , 2020, 34, e45-e50.	1.4	5
74	Intraoperative Tobramycin Powder Prevents Enterobacter cloacae Surgical Site Infections in a Rabbit Model of Internal Fixation. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, 35-40.	1.4	5
75	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, 3051-3059.	1.7	5
76	Estimation of tibial shaft defect volume using standard radiographs: Development and validation of a novel technique. <i>Injury</i> , 2015, 46, 299-307.	1.7	4
77	A patient-centered composite endpoint weighting technique for orthopaedic trauma research. <i>BMC Medical Research Methodology</i> , 2019, 19, 242.	3.1	4
78	Initial experience with the T-Clamp for temporary fixation of mechanically and hemodynamically unstable pelvic ring injuries. <i>Injury</i> , 2020, 51, 699-704.	1.7	4
79	Immediate weight bearing as tolerated (WBAT) correlates with a decreased length of stay post intramedullary fixation for subtrochanteric fractures: a multicenter retrospective cohort study. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2021, 31, 235-243.	1.4	4
80	Assessing Soft Tissue Perfusion Using Laser-Assisted Angiography in Tibial Plateau and Pilon Fractures: A Pilot Study. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, 626-631.	1.4	4
81	Is prescribed lower extremity weight-bearing status after geriatric lower extremity trauma associated with increased mortality?. <i>Injury</i> , 2018, 49, 404-408.	1.7	3
82	Comparison of Dorsal Dermal Fascial Fenestrations With Fasciotomy in an Acute Compartment Syndrome Model in the Foot. <i>Foot and Ankle International</i> , 2019, 40, 853-858.	2.3	3
83	Change in Pain Score after Administration of Analgesics for Lower Extremity Fracture Pain during Hospitalization. <i>Pain Management Nursing</i> , 2019, 20, 158-163.	0.9	3
84	Predicting tibia shaft nonunions at initial fixation: An external validation of the Nonunion Risk Determination (NURD) score in the SPRINT trial data. <i>Injury</i> , 2020, 51, 2302-2308.	1.7	3
85	Do patients know their post-operative plan? A prospective cohort study of orthopaedic trauma patients at a level I trauma center. <i>Injury</i> , 2021, 52, 1370-1373.	1.7	3
86	Can financial payments incentivize short-term smoking cessation in orthopaedic trauma patients? Evidence from a discrete choice experiment. <i>Health Economics Review</i> , 2021, 11, 15.	2.0	3
87	Can You Believe Your Patients If They Say They Have Quit Smoking?. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, 352-355.	1.4	3
88	Microbial Interspecies Associations in Fracture-Related Infection. <i>Journal of Orthopaedic Trauma</i> , 2022, 36, 309-316.	1.4	3
89	Does cumulative topical antibiotic powder use increase the risk of drug induced acute kidney injury in fracture patients?. <i>Bone & Joint Open</i> , 2022, 3, 284-290.	2.6	3
90	Radiographic predictors of symptomatic locking screw removal after treatment of tibial fractures with intramedullary nails. <i>Injury</i> , 2018, 49, 2284-2289.	1.7	2

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91	Which orthopaedic trauma patients are likely to refuse to participate in a clinical trial? A latent class analysis. <i>BMJ Open</i> , 2019, 9, e032631.	1.9	2
92	Fixation Using Alternative Implants for the Treatment of Hip Fractures. <i>OTA International the Open Access Journal of Orthopaedic Trauma</i> , 2020, 3, e66.	1.0	2
93	Posterolateral plating is a safe alternative for the treatment of distal tibial fractures. <i>Injury</i> , 2020, 51, 1662-1668.	1.7	2
94	Pragmatic randomized trial evaluating pre-operative aqueous antiseptic skin solution in open fractures (Aqueous-PREP): the feasibility of a cluster randomized crossover study. <i>Pilot and Feasibility Studies</i> , 2021, 7, 61.	1.2	2
95	NURD 2.0: Prediction of tibial nonunion after intramedullary nail fixation at any time within 3 months after injury. <i>Injury</i> , 2021, 52, 1577-1582.	1.7	2
96	Medial sided articular impaction in tibial plateau fractures. <i>Injury</i> , 2021, 52, 1944-1950.	1.7	2
97	Inpatient compliance with venous thromboembolism prophylaxis after orthopaedic trauma: results from a randomized controlled trial of aspirin versus low molecular weight heparin. <i>OTA International the Open Access Journal of Orthopaedic Trauma</i> , 2021, 4, e150.	1.0	2
98	Predictors of Symptomatic Implant Removal After Open Reduction and Internal Fixation of Tibial Plateau Fractures: A Retrospective Case-Control Study. <i>Orthopedics</i> , 2020, 43, 161-167.	1.1	2
99	Implementing stakeholder engagement to explore alternative models of consent: An example from the PREP-IT trials. <i>Contemporary Clinical Trials Communications</i> , 2021, 22, 100787.	1.1	1
100	Editorial Comment: Current Issues in Orthopaedic Trauma: Tribute to Clifford H. Turen. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 1383-1384.	1.5	0
101	Tourniquet use for extremity fractures has no adverse effect on number of ventilator days for patients who are treated with reamed femoral or tibial shaft nails. <i>Injury</i> , 2020, 51, 2692-2697.	1.7	0
102	In response. <i>Journal of Orthopaedic Trauma</i> , 2021, Publish Ahead of Print, e437-e438.	1.4	0
103	Is a Low-Cost Drill Cover System Non-Inferior to Conventional Surgical Drills for Skeletal Traction Pin Placement?. <i>Journal of Orthopaedic Trauma</i> , 2021, Publish Ahead of Print, e433-e436.	1.4	0
104	New and Renewed Directions for the Major Extremity Trauma and Rehabilitation Consortium. <i>Journal of Orthopaedic Trauma</i> , 2022, 36, Si-Sii.	1.4	0
105	Prospective Characterization of Pain And Function in Patients With Unstable Pelvic Fractures Treated With Posterior Screw Fixation. <i>Journal of Orthopaedic Trauma</i> , 2022, Publish Ahead of Print, .	1.4	0