Michael J Bosse

List of Publications by Year
in descending order

99 papers	7,567 citations	76326 40 h-index	51608 86 g-index
101 all docs	101 docs citations	101 times ranked	4310 citing authors

#	Article	IF	Citations
1	An Analysis of Outcomes of Reconstruction or Amputation after Leg-Threatening Injuries. New England Journal of Medicine, 2002, 347, 1924-1931.	27.0	818
2	CAQ: Orthopaedic Trauma â€œDamage Controlâ€• Journal of Orthopaedic Trauma, 2007, 21, 1-4.	1.4	465
3	Impact of Smoking on Fracture Healing and Risk of Complications in Limb-Threatening Open Tibia Fractures. Journal of Orthopaedic Trauma, 2005, 19, 151-157.	1.4	354
4	A Prospective Evaluation of the Clinical Utility of the Lower-Extremity Injury-Severity Scores. Journal of Bone and Joint Surgery - Series A, 2001, 83, 3-14.	3.0	352
5	Complications Following Limb-Threatening Lower Extremity Trauma. Journal of Orthopaedic Trauma, 2009, 23, 1-6.	1.4	270
6	Early Predictors of Long-Term Work Disability After Major Limb Trauma. Journal of Trauma, 2006, 61, 688-694.	2.3	236
7	PSYCHOLOGICAL DISTRESS ASSOCIATED WITH SEVERE LOWER-LIMB INJURY. Journal of Bone and Joint Surgery - Series A, 2003, 85, 1689-1697.	3.0	234
8	The Relationship Between Time to Surgical DÃ©bridement and Incidence of Infection After Open High-Energy Lower Extremity Trauma. Journal of Bone and Joint Surgery - Series A, 2010, 92, 7-15.	3.0	230
9	Prevalence of chronic pain seven years following limb threatening lower extremity trauma â˜†. Pain, 2006, 124, 321-329.	4.2	212
10	Health-Care Costs Associated with Amputation or Reconstruction of a Limb-Threatening Injury. Journal of Bone and Joint Surgery - Series A, 2007, 89, 1685-1692.	3.0	212
11	Type III Open Tibia Fractures. Journal of Orthopaedic Trauma, 2015, 29, 1-6.	1.4	212
12	Functional Outcomes Following Trauma-Related Lower-Extremity Amputation. Journal of Bone and Joint Surgery - Series A, 2004, 86, 1636-1645.	3.0	200
13	Adult Respiratory Distress Syndrome, Pneumonia, and Mortality following Thoracic Injury and a Femoral Fracture Treated Either with Intramedullary Nailing with Reaming or with a Plate. A Comparative Study*. Journal of Bone and Joint Surgery - Series A, 1997, 79, 799-809.	3.0	199
14	Long-Term Persistence of Disability Following Severe Lower-Limb Trauma<sbt aid="1025711">Results of a Seven-Year Follow-up</sbt>. Journal of Bone and Joint Surgery - Series A, 2005, 87, 1801.	3.0	187
15	Complex Limb Salvage or Early Amputation for Severe Lower-Limb Injury: A Meta-Analysis of Observational Studies. Journal of Orthopaedic Trauma, 2007, 21, 70-76.	1.4	185
16	Factors Influencing Outcome Following Limb-Threatening Lower Limb Trauma: Lessons Learned From the Lower Extremity Assessment Project (LEAP). Journal of the American Academy of Orthopaedic Surgeons, The, 2006, 14, S205-S210.	2.5	175
17	Ability of Lower-Extremity Injury Severity Scores to Predict Functional Outcome After Limb Salvage. Journal of Bone and Joint Surgery - Series A, 2008, 90, 1738-1743.	3.0	161
18	Determinants of Patient Satisfaction After Severe Lower-Extremity Injuries. Journal of Bone and Joint Surgery - Series A, 2008, 90, 1206-1211.	3.0	141

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19	Characterization of Patients With High-Energy Lower Extremity Trauma. Journal of Orthopaedic Trauma, 2000, 14, 455-466.	1.4	140
20	Effect of Trauma and Pelvic Fracture on Female Genitourinary, Sexual, and Reproductive Function. Journal of Orthopaedic Trauma, 1997, 11, 73-81.	1.4	115
21	Radiation Therapy for Heterotopic Ossification Prophylaxis Acutely After Elbow Trauma. Journal of Bone and Joint Surgery - Series A, 2010, 92, 2032-2038.	3.0	114
22	Heterotopic Ossification in Orthopaedic Trauma. Journal of Orthopaedic Trauma, 2012, 26, 684-688.	1.4	112
23	Factors Influencing the Decision to Amputate or Reconstruct after High-Energy Lower Extremity Trauma. Journal of Trauma, 2002, 52, 641-649.	2.3	109
24	Longitudinal relationships between anxiety, depression, and pain: Results from a two-year cohort study of lower extremity trauma patients. Pain, 2013, 154, 2860-2866.	4.2	105
25	The Insensate Foot Following Severe Lower Extremity Trauma. Journal of Bone and Joint Surgery - Series A, 2005, 87, 2601-2608.	3.0	93
26	Psychological distress mediates the effect of pain on function. Pain, 2011, 152, 1349-1357.	4.2	92
27	Analysis of Surgeon-Controlled Variables in the Treatment of Limb-Threatening Type-III Open Tibial Diaphyseal Fractures. Journal of Bone and Joint Surgery - Series A, 2007, 89, 923-928.	3.0	89
28	Functional Status following Orthopedic Trauma in Young Women. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 39, 828-837.	2.4	89
29	Health-Care Costs Associated with Amputation or Reconstruction of a Limb-Threatening Injury. Journal of Bone and Joint Surgery - Series A, 2007, 89, 1685-1692.	3.0	88
30	RECOMBINANT HUMAN BMP-2 AND ALLOGRAFT COMPARED WITH AUTOGENOUS BONE GRAFT FOR RECONSTRUCTION OF DIAPHYSEAL TIBIAL FRACTURES WITH CORTICAL DEFECTS. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1431-1441.	3.0	82
31	Knee Dislocations With Vascular Injury: Outcomes in the Lower Extremity Assessment Project (LEAP) Study. Journal of Trauma, 2007, 63, 855-858.	2.3	80
32	Infection After Orthopaedic Trauma: Prevention and Treatment. Journal of Orthopaedic Trauma, 2016, 30, S21-S26.	1.4	80
33	Simultaneous Anterior and Posterior Approaches for Complex Acetabular Fractures. Journal of Orthopaedic Trauma, 2008, 22, 494-497.	1.4	72
34	The Mangled Foot and Ankle. Journal of Orthopaedic Trauma, 2013, 27, 43-48.	1.4	68
35	Local Antibiotic Therapy to Reduce Infection After Operative Treatment of Fractures at High Risk of Infection: A Multicenter, Randomized, Controlled Trial (VANCO Study). Journal of Orthopaedic Trauma, 2017, 31, S18-S24.	1.4	64
36	Internalization of Bacteria by Osteoblasts in a Patient with Recurrent, Long-Term Osteomyelitis: A Case Report. JBJS Case Connector, 2005, os-87, 1343-1347.	0.3	61

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37	Defining the Lower Limit of a â€œCritical Bone Defectâ€•in Open Diaphyseal Tibial Fractures. Journal of Orthopaedic Trauma, 2016, 30, e158-e163.	1.4	57
38	Effect of Intrawound Vancomycin Powder in Operatively Treated High-risk Tibia Fractures. JAMA Surgery, 2021, 156, e207259.	4.3	56
39	Gait Symmetry and Walking Speed Analysis Following Lower-Extremity Trauma. Physical Therapy, 2006, 86, 1630-1640.	2.4	45
40	Use and Perceived Need of Physical Therapy Following Severe Lower-Extremity Trauma. Archives of Physical Medicine and Rehabilitation, 2005, 86, 1722-1728.	0.9	43
41	Preoperative Angiographic Assessment of the Superior Gluteal Artery in Acetabular Fractures Requiring Extensile Surgical Exposures. Journal of Orthopaedic Trauma, 1988, 2, 303-307.	1.4	42
42	Incidence of Sciatic Nerve Injury in Operatively Treated Acetabular Fractures Without Somatosensory Evoked Potential Monitoring. Journal of Orthopaedic Trauma, 1997, 11, 327-329.	1.4	41
43	Evidence of Beneficial Effect of Physical Therapy After Lower-Extremity Trauma. Archives of Physical Medicine and Rehabilitation, 2008, 89, 1873-1879.	0.9	40
44	Genomewide Molecular and Biologic Characterization of Biomembrane Formation Adjacent to a Methacrylate Spacer in the Rat Femoral Segmental Defect Model. Journal of Orthopaedic Trauma, 2013, 27, 290-297.	1.4	34
45	Surgeons and Their Patients Disagree Regarding Cosmetic and Overall Outcomes After Surgery for High-Energy Lower Extremity Trauma. Journal of Orthopaedic Trauma, 2009, 23, 716-723.	1.4	31
46	Attitudes of Orthopaedic Trauma Surgeons Regarding Current Controversies in the Management of Pelvic and Acetabular Fractures. Journal of Orthopaedic Trauma, 2001, 15, 526-532.	1.4	30
47	Osteogenic and chondrogenic potential of biomembrane cells from the PMMAâ€segmental defect rat model. Journal of Orthopaedic Research, 2012, 30, 1198-1212.	2.3	30
48	Outcomes After Severe Distal Tibia, Ankle, and/or Foot Trauma: Comparison of Limb Salvage Versus Transtibial Amputation (OUTLET). Journal of Orthopaedic Trauma, 2017, 31, S48-S55.	1.4	30
49	Predicting Acute Compartment Syndrome (PACS): The Role of Continuous Monitoring. Journal of Orthopaedic Trauma, 2017, 31, S40-S47.	1.4	30
50	Retrograde Intramedullary Nailing in Treatment of Bilateral Femur Fractures. Journal of Orthopaedic Trauma, 2008, 22, 530-534.	1.4	29
51	Factors Associated With Surgeon Referral for Physical Therapy in Patients With Traumatic Lower-Extremity Injury: Results of a National Survey of Orthopedic Trauma Surgeons. Physical Therapy, 2009, 89, 893-905.	2.4	27
52	Excision of Posterolateral Talar Dome Lesions through a Medial Transmalleolar Approach. Foot & Ankle, 1989, 9, 171-175.	0.7	26
53	Perceived Need and Unmet Need for Vocational, Mental Health, and Other Support Services After Severe Lower-Extremity Trauma. Archives of Physical Medicine and Rehabilitation, 2010, 91, 774-780.	0.9	26
54	Association Between 6-Week Postdischarge Risk Classification and 12-Month Outcomes After Orthopedic Trauma. JAMA Surgery, 2019, 154, e184824.	4.3	26

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55	Analysis of Surgeon-Controlled Variables in the Treatment of Limb-Threatening Type-III Open Tibial Diaphyseal Fractures. Journal of Bone and Joint Surgery - Series A, 2007, 89, 923-928.	3.0	26
56	Letters To The Editor. Journal of Trauma, 2005, 59, 1035-1036.	2.3	22
57	Prevalence of Opioid and Benzodiazepine Prescriptions for Osteoarthritis. Arthritis Care and Research, 2020, 72, 1081-1086.	3.4	22
58	Transtibial Amputation Outcomes Study (TAOS): Comparing Transtibial Amputation With and Without a Tibiofibular Synostosis (Ertl) Procedure. Journal of Orthopaedic Trauma, 2017, 31, S63-S69.	1.4	21
59	A Prospective Randomized Trial to Assess Fixation Strategies for Severe Open Tibia Fractures: Modern Ring External Fixators Versus Internal Fixation (FIXIT Study). Journal of Orthopaedic Trauma, 2017, 31, S10-S17.	1.4	21
60	Physical Disability After Severe Lower-Extremity Injury. Archives of Physical Medicine and Rehabilitation, 2006, 87, 1153-1155.	0.9	20
61	Orthopedic Surgeons and Physical Therapists Differ in Assessment of Need for Physical Therapy After Traumatic Lower-Extremity Injury. Physical Therapy, 2009, 89, 1337-1349.	2.4	20
62	Assessment of Severe Extremity Wound Bioburden at the Time of Definitive Wound Closure or Coverage: Correlation With Subsequent Postclosure Deep Wound Infection (Bioburden Study). Journal of Orthopaedic Trauma, 2017, 31, S3-S9.	1.4	19
63	Military and Civilian Collaboration: The Power of Numbers. Military Medicine, 2017, 182, 10-17.	0.8	17
64	Perfusion Pressure Lacks Diagnostic Specificity for the Diagnosis of Acute Compartment Syndrome. Journal of Orthopaedic Trauma, 2020, 34, 287-293.	1.4	17
65	Orthopaedic Trauma Clinical Research: Is 2-Year Follow-Up Necessary? Results From a Longitudinal Study of Severe Lower Extremity Trauma. Journal of Trauma, 2011, 71, 1726-1731.	2.3	16
66	Continuous Near-Infrared Spectroscopy Demonstrates Limitations in Monitoring the Development of Acute Compartment Syndrome in Patients with Leg Injuries. Journal of Bone and Joint Surgery - Series A, 2018, 100, 1645-1652.	3.0	16
67	Inter-Rater Reliability of the Modified Radiographic Union Score for Diaphyseal Tibial Fractures With Bone Defects. Journal of Orthopaedic Trauma, 2019, 33, 301-307.	1.4	16
68	Retrograde Removal of an Incarcerated Solid Titanium Femoral Nail After Subtrochanteric Fracture. Journal of Orthopaedic Trauma, 2003, 17, 521-524.	1.4	15
69	LONG-TERM PERSISTENCE OF DISABILITY FOLLOWING SEVERE LOWER-LIMB TRAUMA. Journal of Bone and Joint Surgery - Series A, 2005, 87, 1801-1809.	3.0	15
70	Supplemental Perioperative Oxygen to Reduce Surgical Site Infection After High-Energy Fracture Surgery (OXYGEN Study). Journal of Orthopaedic Trauma, 2017, 31, S25-S31.	1.4	14
71	PREVENTion of CLots in Orthopaedic Trauma (PREVENT CLOT): a randomised pragmatic trial protocol comparing aspirin versus low-molecular-weight heparin for blood clot prevention in orthopaedic trauma patients. BMJ Open, 2021, 11, e041845.	1.9	14
72	The Use of the NEO-Five Factor Inventory to Assess Personality in Trauma Patients: A Two-Year Prospective Study. Journal of Orthopaedic Trauma, 2002, 16, 660-667.	1.4	11

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73	An AOA Critical Issue Access to Emergent Musculoskeletal Care. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1385-1394.	3.0	11
74	Measurement of Functional Outcomes in the Major Extremity Trauma Research Consortium (METRC). Journal of the American Academy of Orthopaedic Surgeons, The, 2012, 20, S59-S63.	2.5	11
75	Effects of Surgical Approaches for Acetabular Fractures with Associated Gluteal Vascular Injury. Journal of Orthopaedic Trauma, 1998, 12, 78-84.	1.4	11
76	Proximal Tibial Metaphyseal Fractures with Severe Soft Tissue Injury: Clinical and Functional Results at 2 Years. Clinical Orthopaedics and Related Research, 2010, 468, 1669-1675.	1.5	8
77	Removal of a Broken Synthes Proximal Spiral Blade. Journal of Orthopaedic Trauma, 1998, 12, 190-191.	1.4	8
78	The 1-Year Economic Impact of Work Productivity Loss Following Severe Lower Extremity Trauma. Journal of Bone and Joint Surgery - Series A, 2022, 104, 586-593.	3.0	7
79	Challenges in Severe Lower Limb Injury Rehabilitation. Journal of the American Academy of Orthopaedic Surgeons, The, 2012, 20, S39-S41.	2.5	5
80	Extremity War Injuries. Journal of the American Academy of Orthopaedic Surgeons, The, 2012, 20, viii-x.	2.5	5
81	Variability in Discharge Disposition Across US Trauma Centers After Treatment for High-Energy Lower Extremity Injuries. Journal of Orthopaedic Trauma, 2020, 34, e78-e85.	1.4	4
82	PrEvention of posttraumatic contractuRes with Ketotifen 2 (PERK 2) â€“ protocol for a multicenter randomized clinical trial. BMC Musculoskeletal Disorders, 2020, 21, 123.	1.9	4
83	American Academy of Orthopaedic Surgeons Clinical Practice Guideline Summary for Limb Salvage or Early Amputation. Journal of the American Academy of Orthopaedic Surgeons, The, 2021, 29, e628-e634.	2.5	4
84	The Fate of Patients After a Staged Nonunion Procedure for Known Infection. Journal of Orthopaedic Trauma, 2021, 35, 211-216.	1.4	4
85	THE INSENSATE FOOT FOLLOWING SEVERE LOWER EXTREMITY TRAUMA. Journal of Bone and Joint Surgery - Series A, 2005, 87, 2601-2608.	3.0	4
86	The modified extensile exposure for complex acetabular fracture surgery. Operative Techniques in Orthopaedics, 1993, 3, 53-59.	0.1	3
87	Henry Versus Thompson Approach for Fixation of Proximal Third Radial Shaft Fractures: A Multicenter Study. Journal of Orthopaedic Trauma, 2020, 34, 108-112.	1.4	3
88	Opioid Prescribing in the Pediatric Orthopaedic Trauma Population. Journal of Surgical Orthopaedic Advances, 2018, 27, 269-273.	0.1	3
89	Outcomes of Patients With Large Versus Small Bone Defects in Open Tibia Fractures Treated With an Intramedullary Nail: A Descriptive Analysis of a Multicenter Retrospective Study. Journal of Orthopaedic Trauma, 2022, 36, 388-393.	1.4	3
90	Prevalence of Prescription Opioids for Nonoperative Treatment of Rotator Cuff Disease Is High. Arthroscopy, Sports Medicine, and Rehabilitation, 2021, 3, e373-e379.	1.7	2

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91	Dental pain management with prescription opioids by nondental healthcare professionals in a healthcare system network. Journal of Public Health Dentistry, 2021, , .	1.2	2
92	Streamlining Trauma Research Evaluation With Advanced Measurement (STREAM) Study: Implementation of the PROMIS Toolbox Within an Orthopaedic Trauma Clinical Trials Consortium. Journal of Orthopaedic Trauma, 2022, 36, S33-S39.	1.4	2
93	Limb Amputation Versus Limb Salvage. , 2017, , 153-166.		1
94	Defining Incidence of Acute Compartment Syndrome in the Research Setting: A Proposed Method From the PACS Study. Journal of Orthopaedic Trauma, 2022, 36, S26-S32.	1.4	1
95	Author Response to Snyder-Mackler. Physical Therapy, 2009, 89, e10-e10.	2.4	0
96	Salvage v Amputation: Lower Extremity and Upper Extremity. , 2021, , 225-242.		0
97	AN AOA CRITICAL ISSUE. Journal of Bone and Joint Surgery - Series A, 2006, 88, 1385-1394.	3.0	0
98	Lower Extremities. , 2007, , 602-614.		0
99	Long-Term Consequences of Major Extremity Trauma: A Pilot Study. Journal of Orthopaedic Trauma, 2022, 36, S21-S25.	1.4	0