

Stefaan Jb Nijs

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,579
citations

393982

19
h-index

344852

36
g-index

84
all docs

84
docs citations

84
times ranked

1466
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive factors for functional outcome and failure in angular stable osteosynthesis of the proximal humerus. <i>Injury</i> , 2012, 43, 153-158.	0.7	155
2	Infection after fracture fixation of the tibia: Analysis of healthcare utilization and related costs. <i>Injury</i> , 2017, 48, 1204-1210.	0.7	116
3	Bacteriophage Application for Difficult-to-treat Musculoskeletal Infections: Development of a Standardized Multidisciplinary Treatment Protocol. <i>Viruses</i> , 2019, 11, 891.	1.5	98
4	Can two-dimensional video analysis during single-leg drop vertical jumps help identify non-contact knee injury risk? A one-year prospective study. <i>Clinical Biomechanics</i> , 2015, 30, 781-787.	0.5	95
5	Prevention of fracture-related infection: a multidisciplinary care package. <i>International Orthopaedics</i> , 2017, 41, 2457-2469.	0.9	79
6	Distal Humerus Hemiarthroplasty of the Elbow for Comminuted Distal Humeral Fractures in the Elderly Patient. <i>Journal of Trauma</i> , 2011, 71, 635-642.	2.3	61
7	Functional outcome of shoulder hemiarthroplasty for fractures: A multicentre analysis. <i>Injury</i> , 2010, 41, 606-612.	0.7	58
8	Functional outcome of intra-articular tibial plateau fractures: the impact of posterior column fractures. <i>International Orthopaedics</i> , 2017, 41, 1865-1873.	0.9	47
9	Primary hemiarthroplasty versus conservative treatment for comminuted fractures of the proximal humerus in the elderly (ProCon): A Multicenter Randomized Controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 97.	0.8	46
10	Fracture-related infection in long bone fractures: A comprehensive analysis of the economic impact and influence on quality of life. <i>Injury</i> , 2021, 52, 3344-3349.	0.7	33
11	Economics of open tibial fractures: the pivotal role of length-of-stay and infection. <i>Health Economics Review</i> , 2017, 7, 32.	0.8	32
12	Outcome of shoulder hemiarthroplasty in acute proximal humeral fractures: a frustrating meta-analysis experience. <i>Acta Orthopaedica Belgica</i> , 2009, 75, 445-51.	0.1	32
13	Cement augmentation of the proximal humerus internal locking system in elderly patients: a multicenter randomized controlled trial. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 927-942.	1.3	30
14	Anatomical Variation of the Tibia – a Principal Component Analysis. <i>Scientific Reports</i> , 2019, 9, 7649.	1.6	28
15	Treatment of severe glenoid deficiencies in reverse shoulder arthroplasty: the Glenius Glenoid Reconstruction System experience. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 1601-1608.	1.2	27
16	Why off-the-shelf clavicle plates rarely fit: anatomic analysis of the clavicle through statistical shape modeling. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 631-638.	1.2	27
17	Direct fixation of fractures of the posterior pilon via a posteromedial approach. <i>Injury</i> , 2017, 48, 1269-1274.	0.7	25
18	Postural Stability During Single-Leg Stance: A Preliminary Evaluation of Noncontact Lower Extremity Injury Risk. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2016, 46, 650-657.	1.7	23

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19	Is knee neuromuscular activity related to anterior cruciate ligament injury risk? A pilot study. <i>Knee</i> , 2019, 26, 40-51.	0.8	21
20	Intramedullary fixation of proximal humerus fractures: do locking bolts endanger the axillary nerve or the ascending branch of the anterior circumflex artery? A cadaveric study. <i>Patient Safety in Surgery</i> , 2008, 2, 33.	1.1	20
21	Is open acute Achilles tendon rupture repair still justified? A single center experience and critical appraisal of the literature. <i>Injury</i> , 2018, 49, 1947-1952.	0.7	20
22	Corrective osteotomies using patient-specific 3D-printed guides: a critical appraisal. <i>European Journal of Trauma and Emergency Surgery</i> , 2019, 45, 299-307.	0.8	20
23	Management of periprosthetic infection after reverse shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 2514-2522.	1.2	20
24	Augmented renal clearance in non-critically ill abdominal and trauma surgery patients is an underestimated phenomenon. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 81, 468-477.	1.1	19
25	Health Care Usage and Related Costs in Fibular Plating for AO Type 44-Ankle Fractures in a Belgian University Hospital: An Exploratory Analysis. <i>Journal of Foot and Ankle Surgery</i> , 2016, 55, 535-541.	0.5	19
26	Are the current guidelines for surgical delay in hip fractures too rigid? A single center assessment of mortality and economics. <i>Injury</i> , 2018, 49, 1169-1175.	0.7	19
27	Why Fibular Nailing Can Be an Efficient Treatment Strategy for AO Type 44-B Ankle Fractures in the Elderly. <i>Journal of Foot and Ankle Surgery</i> , 2018, 57, 961-966.	0.5	19
28	Trauma care systems in Belgium. <i>Injury</i> , 2003, 34, 652-657.	0.7	18
29	Case report: a gossypiboma in the shoulder. <i>Emergency Radiology</i> , 2006, 12, 231-233.	1.0	16
30	Suture fixation versus cable cerclage of the tuberosities in shoulder arthroplasty-clinical and radiologic results. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2012, 132, 793-800.	1.3	16
31	Diagnosis and treatment of clavicular fractures in Belgium between 2006 and 2015. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 1512-1518.	1.2	16
32	Operative Management of AO Type 44 Ankle Fractures: Determinants of Outcome. <i>Journal of Foot and Ankle Surgery</i> , 2018, 57, 247-253.	0.5	16
33	Long-Term Outcome After Operative Management of Talus Fractures. <i>Foot and Ankle International</i> , 2018, 39, 1432-1443.	1.1	16
34	Functional outcome and general health status after treatment of AO type 43 distal tibial fractures. <i>Injury</i> , 2016, 47, 1519-1524.	0.7	15
35	Functional outcome and general health status after plate osteosynthesis of posterior malleolus fractures - The quest for eligibility. <i>Injury</i> , 2020, 51, 1118-1124.	0.7	15
36	Improved Interobserver Reliability of the Sanders Classification in Calcaneal Fractures Using Segmented Three-Dimensional Prints. <i>Journal of Foot and Ankle Surgery</i> , 2018, 57, 440-444.	0.5	13

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37	A pyogenic, ruptured Baker's cyst induced by arthroscopic pressure pump irrigation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2009, 17, 266-269.	2.3	11
38	Computational optimisation of screw orientations for improved locking plate fixation of proximal humerus fractures. <i>Journal of Orthopaedic Translation</i> , 2020, 25, 96-104.	1.9	11
39	Impact of duration of perioperative antibiotic prophylaxis on development of fracture-related infection in open fractures. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, 141, 235-243.	1.3	11
40	Fixing simple olecranon fractures with the Olecranon Osteotomy Nail (OleON). <i>Operative Orthopädie Und Traumatologie</i> , 2011, 23, 438-445.	1.0	10
41	Value of percutaneous embolotherapy for the management of traumatic vascular limb injury. <i>Acta Radiologica</i> , 2012, 53, 147-152.	0.5	10
42	Prehospital and Intra-hospital Temporal Intervals in Patients Requiring Emergent Trauma Craniotomy. A 6-Year Observational Study in a Level 1 Trauma Center. <i>World Neurosurgery</i> , 2018, 114, e546-e558.	0.7	10
43	Regional anaesthesia for surgical repair of proximal humerus fractures: a systematic review and critical appraisal. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 1731-1741.	1.3	10
44	Tibial plateau fractures in Belgium: epidemiology, financial burden and costs curbing strategies. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, , 1.	0.8	10
45	Poor sporting abilities after tibial plateau fractures involving the posterior column: how can we do better?. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 201-209.	0.8	10
46	Quality indicators in the treatment of geriatric hip fractures: literature review and expert consensus. <i>Archives of Osteoporosis</i> , 2021, 16, 152.	1.0	10
47	Primary fracture arthroplasty of the proximal humerus using a new and freely adjustable modular prosthesis combined with compression osteosynthesis of the tuberosities. <i>Operative Orthopädie Und Traumatologie</i> , 2011, 23, 21-28.	1.0	9
48	Extended lateral column tibial plateau fractures. How do we do it?. <i>Injury</i> , 2018, 49, 1878-1885.	0.7	9
49	Minimal impact of a care pathway for geriatric hip fracture patients. <i>Injury</i> , 2018, 49, 1581-1586.	0.7	9
50	Reliability of serum creatinine-based formulae estimating renal function in non-critically ill surgery patients: Focus on augmented renal clearance. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2018, 43, 695-706.	0.7	8
51	ESTES recommendations on proximal humerus fractures in the elderly. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 381-395.	0.8	8
52	Proximal humeral fracture osteosynthesis in Belgium: a retrospective population-based epidemiologic study. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 4509-4514.	0.8	7
53	Failure after proximal humeral fracture osteosynthesis: a one-year analysis of hospital-related healthcare cost. <i>International Orthopaedics</i> , 2020, 44, 1217-1221.	0.9	7
54	Accelerated Rehabilitation in Non-operative Management of Acute Achilles Tendon Ruptures: A Systematic Review and Meta-analysis. <i>Journal of Foot and Ankle Surgery</i> , 2022, 61, 157-162.	0.5	7

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55	The variance of clavicular surface morphology is predictable: an analysis of dependent and independent metadata variables. <i>JSES International</i> , 2020, 4, 413-421.	0.7	7
56	Segmental Bone Loss of the Clavicle due to Fracture-Related Infection: A Multidisciplinary Challenge. <i>Journal of Bone and Joint Infection</i> , 2019, 4, 60-64.	0.6	6
57	Intramedullary tissue cultures from the Reamer-Irrigator-Aspirator system for diagnosing fracture-related infection. <i>Journal of Orthopaedic Research</i> , 2021, 39, 281-290.	1.2	6
58	Healthcare utilization and related cost of midshaft clavicle fracture treatment in Belgium. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 1281-1287.	0.8	6
59	Fracture-related infection of the patella: Treatment options and outcome. <i>Injury</i> , 2022, 53, 1880-1886.	0.7	6
60	The implementation of a clinical pathway enhancing early surgery for geriatric hip fractures: how to maintain a success story?. <i>European Journal of Trauma and Emergency Surgery</i> , 2019, 45, 199-205.	0.8	5
61	Advanced CT visualization improves the accuracy of orthopaedic trauma surgeons and residents in classifying proximal humeral fractures: a feasibility study. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 4523-4529.	0.8	5
62	Posterior tibial plateau fracture treatment with the new WAVE posterior proximal tibia plate: feasibility and first results. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 1285-1294.	0.8	5
63	Limited value of the column concept in the operative management of posterior column tibial plateau fractures. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 1143-1150.	0.8	4
64	Proximal ulna fractures. <i>Obere Extremitat</i> , 2014, 9, 192-196.	0.4	3
65	Osteosynthesis of proximal humeral fractures: a 1-year analysis of failure in a Belgian level-1 trauma centre. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 1889-1893.	0.8	3
66	Thin patient-specific clavicle fracture fixation plates can mechanically outperform commercial plates: An in silico approach. <i>Journal of Orthopaedic Research</i> , 2022, 40, 1695-1706.	1.2	3
67	Isavuconazole in the Treatment of <i>Aspergillus fumigatus</i> Fracture-Related Infection: Case Report and Literature Review. <i>Antibiotics</i> , 2022, 11, 344.	1.5	3
68	Intra- and inter-observer reliability of measurements on 3D images of the calcaneus bone. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2021, 24, 579-583.	0.9	2
69	Perioperative antibiotic prophylaxis in long bone open fractures: the need for randomized controlled trials. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2021, , 1.	1.3	2
70	Radial Artery Thrombosis by a Single Blunt Trauma: A Case Report. <i>European Journal of Trauma and Emergency Surgery</i> , 2006, 32, 301-303.	0.3	1
71	3D Imaging and Symmetry of the Calcaneal Bone. <i>Journal of Clinical & Experimental Orthopaedics</i> , 2018, 04, .	0.0	1
72	Three-dimensional morphometric analysis of the lateral clavicle and acromion: Implications for surgical treatment using subacromial support. <i>SAGE Open Medicine</i> , 2022, 10, 205031212210913.	0.7	1

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73	Chance-Type Fracture of L1 with Entrapment of the Cauda Equina. <i>European Journal of Trauma and Emergency Surgery</i> , 2002, 28, 266-269.	0.3	0
74	Treatment of a Humeral Metastasis with a Composite Allograft-Prosthetic Reconstruction. <i>European Journal of Trauma and Emergency Surgery</i> , 2004, 30, 255.	0.3	0
75	Proximal Humerus Fractures. <i>Techniques in Orthopaedics</i> , 2013, 28, 319-323.	0.1	0
76	A Prospective Evaluation of Postural Stability During the Transition from Double-leg Stance to Single-leg Stance. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 555.	0.2	0
77	Computed Tomography Images of the Scapula Taken With Reduced Dose Can Yield Segmented Models of Sufficient Accuracy. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 448-452.	0.5	0
78	Distal Humerus Fracture. , 2018, , 133-142.		0
79	Three-Dimensional Imaging of Displaced Intra-articular Calcaneal Fractures Correlates With the Perioperative Diagnosis. <i>Foot & Ankle Orthopaedics</i> , 2021, 6, 247301142110197.	0.1	0
80	Quantifying osteosynthesis plate prominence – mathematical definitions and case study on a clavicle plate. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 0, , 1-10.	0.9	0