

# Martijn Poeze

## List of Publications by Year in descending order

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116  
papers

5,087  
citations

101384

36  
h-index

98622

67  
g-index

116  
all docs

116  
docs citations

116  
times ranked

6421  
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of regionalized trauma care on the distribution of severely injured patients in the Netherlands. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 1035-1043.	0.8	1
2	Evaluating the effect of driving distance to the nearest higher level trauma centre on undertriage: a cohort study. <i>Emergency Medicine Journal</i> , 2022, 39, 457-462.	0.4	1
3	Diagnostic tools to evaluate ankle instability caused by a deltoid ligament rupture in patients with supination-external rotation ankle fractures: A systematic review and meta-analysis. <i>Injury</i> , 2022, 53, 724-731.	0.7	4
4	The Detrimental Impact of the COVID-19 Pandemic on Major Trauma Outcomes in the Netherlands. <i>Annals of Surgery</i> , 2022, 275, 252-258.	2.1	18
5	Automated 3D Sampling and Imaging of Uneven Sample Surfaces with LA-REIMS. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 111-122.	1.2	5
6	Severe isolated injuries have a high impact on resource use and mortality: a Dutch nationwide observational study. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 4267-4276.	0.8	2
7	Gait analysis and clinical outcome in patients after pilon fracture surgery. <i>Foot and Ankle Surgery</i> , 2022, , .	0.8	1
8	Clinical evaluation of automated segmentation for body composition analysis on abdominal L3 CT slices in polytrauma patients. <i>Injury</i> , 2022, 53, S30-S41.	0.7	6
9	The Diagnostic Value of Ultrasound of the Rectus Femoris for the diagnosis of Sarcopenia in adults: A systematic review. <i>Injury</i> , 2022, 53, S23-S29.	0.7	7
10	Risk factors of non-union in intramedullary stabilized diaphyseal long bone fractures: identifying the role of fracture stabilization strategies and concomitant injuries. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 1903-1910.	0.8	1
11	Sample preparation of bone tissue for MALDI-MSI for forensic and (pre)clinical applications. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 2683-2694.	1.9	27
12	Evaluation of the Berlin polytrauma definition: A Dutch nationwide observational study. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 694-699.	1.1	17
13	Mortality in hip fracture patients after implementation of a nurse practitioner-led orthogeriatric care program: results of a 1-year follow-up. <i>Age and Ageing</i> , 2021, 50, 1744-1750.	0.7	13
14	Medium-Term Patient-Reported Quality of Life and Activities of Daily Living in Surgically Treated Trauma Patients With Pelvic, Acetabular or Combined Pelvic and Acetabular Fractures in a Retrospective Single-Center Study. <i>Journal of Orthopaedic Trauma</i> , 2021, 35, 192-197.	0.7	1
15	Geriatric fracture centre vs usual care after proximal femur fracture in older patients: what are the benefits? Results of a large international prospective multicentre study. <i>BMJ Open</i> , 2021, 11, e039960.	0.8	6
16	Priority accuracy by dispatch centers and Emergency Medical Services professionals in trauma patients: a cohort study. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, , 1.	0.8	4
17	Dutch trauma system performance: Are injured patients treated at the right place?. <i>Injury</i> , 2021, 52, 1688-1696.	0.7	13
18	Development of the Gastrointestinal Dysfunction Score (GIDS) for critically ill patients – A prospective multicenter observational study (iSOFA study). <i>Clinical Nutrition</i> , 2021, 40, 4932-4940.	2.3	49

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19	Effectiveness of surgical treatments on healing of cartilage and function level in patients with osteochondral lesions of the tibial plafond: A systematic review. <i>Journal of Orthopaedics</i> , 2021, 27, 34-40.	0.6	3
20	Association between bone shape and the presence of a fracture in patients with a clinically suspected scaphoid fracture. <i>Journal of Biomechanics</i> , 2021, 128, 110726.	0.9	4
21	Lisfranc injuries: fix or fuse?. <i>Bone &amp; Joint Open</i> , 2021, 2, 842-849.	1.1	5
22	Microcirculatory Function during Endotoxemia—A Functional Citrulline-Arginine-NO Pathway and NOS3 Complex Is Essential to Maintain the Microcirculation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11940.	1.8	5
23	miRNAs Related to Different Processes of Fracture Healing: An Integrative Overview. <i>Frontiers in Surgery</i> , 2021, 8, 786564.	0.6	8
24	Lipid Analysis of Fracture Hematoma With MALDI-MSI: Specific Lipids are Associated to Bone Fracture Healing Over Time. <i>Frontiers in Chemistry</i> , 2021, 9, 780626.	1.8	1
25	Incidence of post-traumatic pneumonia in poly-traumatized patients: identifying the role of traumatic brain injury and chest trauma. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 11-19.	0.8	26
26	Mid-term outcome of volar plate fixation for scaphoid nonunion. <i>Bone and Joint Journal</i> , 2020, 102-B, 1697-1702.	1.9	5
27	The interobserver reliability of the diagnosis and classification of scaphoid fractures using high-resolution peripheral quantitative CT. <i>Bone and Joint Journal</i> , 2020, 102-B, 478-484.	1.9	10
28	The impact of the Trauma Triage App on pre-hospital trauma triage: design and protocol of the stepped-wedge, cluster-randomized TESLA trial. <i>Diagnostic and Prognostic Research</i> , 2020, 4, 10.	0.8	10
29	Accuracy of pre-hospital trauma triage and field triage decision rules in children (P2-T2 study): an observational study. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, 290-298.	2.7	15
30	Gait analysis and muscle weight analysis after lower extremity fractures in a small animal model. <i>Gait and Posture</i> , 2020, 77, 207-213.	0.6	7
31	The cutaneous microbiome in hospitalized patients with pressure ulcers. <i>Scientific Reports</i> , 2020, 10, 5963.	1.6	15
32	The Effect of Bolus Vitamin D3 Supplementation on Distal Radius Fracture Healing: A Randomized Controlled Trial Using HR-pQCT. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1492-1501.	3.1	11
33	Yield of Screening for COVID-19 in Asymptomatic Patients Before Elective or Emergency Surgery Using Chest CT and RT-PCR (SCOUT). <i>Annals of Surgery</i> , 2020, 272, 919-924.	2.1	45
34	Clinical use of mass spectrometry (imaging) for hard tissue analysis in abnormal fracture healing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 897-913.	1.4	4
35	Improved Detection of Scaphoid Fractures with High-Resolution Peripheral Quantitative CT Compared with Conventional CT. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 2138-2145.	1.4	11
36	Gait analysis related to functional outcome in patients operated for ankle fractures. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1658-1666.	1.2	20

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37	One Week of Hospitalization Following Elective Hip Surgery Induces Substantial Muscle Atrophy in Older Patients. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 35-42.	1.2	46
38	Development of a novel murine delayed secondary fracture healing in vivo model using periosteal cauterization. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 1743-1753.	1.3	5
39	Multiplanar reformation computed tomography for carpal malalignment. <i>Journal of Hand Surgery: European Volume</i> , 2019, 44, 1049-1055.	0.5	2
40	Effect of neurokinin-1-receptor blockage on fracture healing in rats. <i>Scientific Reports</i> , 2019, 9, 9744.	1.6	14
41	Development and validation of a novel prediction model to identify patients in need of specialized trauma care during field triage: design and rationale of the GOAT study. <i>Diagnostic and Prognostic Research</i> , 2019, 3, 12.	0.8	13
42	Long-term Patient-reported Quality of Life and Pain After a Multidisciplinary Clinical Pathway for Elderly Patients With Hip Fracture: A Retrospective Comparative Cohort Study. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2019, 10, 215145931984174.	0.6	6
43	Bone Microarchitecture and Distal Radius Fracture Pattern Complexity. <i>Journal of Orthopaedic Research</i> , 2019, 37, 1690-1697.	1.2	6
44	Multisegment Foot Models and Clinical Application After Foot and Ankle Trauma: A Review. <i>Journal of Foot and Ankle Surgery</i> , 2019, 58, 748-754.	0.5	4
45	The Effect of Shear Force on Skin Viability in Patients with Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-9.	1.0	7
46	Perioperative nutritional supplementation and skeletal muscle mass in older hip-fracture patients. <i>Nutrition Reviews</i> , 2019, 77, 254-266.	2.6	15
47	Patient-reported quality of life and pain after permissive weight bearing in surgically treated trauma patients with tibial plateau fractures: a retrospective cohort study. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2019, 139, 483-488.	1.3	27
48	Angular Stable Miniplate Fixation of Chronic Unstable Scaphoid Nonunion. <i>Journal of Wrist Surgery</i> , 2018, 07, 024-030.	0.3	11
49	Surgical treatment of bronchial rupture in blunt chest trauma: a review of literature. <i>Journal of Thoracic Disease</i> , 2018, 10, 5576-5583.	0.6	21
50	Malnutrition and Fracture Healing: Are Specific Deficiencies in Amino Acids Important in Nonunion Development?. <i>Nutrients</i> , 2018, 10, 1597.	1.7	24
51	Value of Pulsed Electromagnetic Stimulation in Acute Scaphoid Fractures. , 2018, , 209-213.		0
52	Permissive weight bearing in trauma patients with fracture of the lower extremities: prospective multicenter comparative cohort study. <i>BMC Surgery</i> , 2018, 18, 8.	0.6	14
53	Cyclooxygenase-2 Is Essential for Colorectal Anastomotic Healing. <i>Annals of Surgery</i> , 2017, 265, 547-554.	2.1	36
54	Early enteral nutrition in critically ill patients: ESICM clinical practice guidelines. <i>Intensive Care Medicine</i> , 2017, 43, 380-398.	3.9	528

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55	The effect of age and speed on foot and ankle kinematics assessed using a 4-segment foot model. <i>Medicine (United States)</i> , 2017, 96, e7907.	0.4	8
56	Cytokine IL1 $\beta$ and lactate as markers for tissue damage in spineboard immobilisation. A prospective, randomised open-label crossover trial. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 75, 82-88.	1.5	20
57	A Case Report of Abnormal Fracture Healing as Detected With High-Resolution Peripheral Quantitative Computed Tomography. <i>Journal of Clinical Densitometry</i> , 2017, 20, 486-489.	0.5	1
58	Gait Analysis of Foot Compensation After Arthrodesis of the First Metatarsophalangeal Joint. <i>Foot and Ankle International</i> , 2017, 38, 181-191.	1.1	27
59	Reliability, validity, responsiveness, and minimal important change of the Disabilities of the Arm, Shoulder and Hand and Constant-Murley scores in patients with a humeral shaft fracture. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, e1-e12.	1.2	43
60	Both basal and post-prandial muscle protein synthesis rates, following the ingestion of a leucine-enriched whey protein supplement, are not impaired in sarcopenic older males. <i>Clinical Nutrition</i> , 2017, 36, 1440-1449.	2.3	38
61	Fracture Repair in the Distal Radius in Postmenopausal Women: A Follow-Up 2 Years Postfracture Using HRpQCT. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1114-1122.	3.1	31
62	Effect of spinal immobilisation devices on radiation exposure in conventional radiography and computed tomography. <i>Emergency Radiology</i> , 2016, 23, 147-153.	1.0	4
63	Outcome of Minimally Invasive Open and Percutaneous Techniques for Repair of Calcaneal Fractures: A Systematic Review. <i>Journal of Foot and Ankle Surgery</i> , 2016, 55, 1256-1263.	0.5	39
64	Increasing Insulin Availability Does Not Augment Postprandial Muscle Protein Synthesis Rates in Healthy Young and Older Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3978-3988.	1.8	19
65	Effect of spineboard and headblocks on the image quality of head CT scans. <i>Emergency Radiology</i> , 2016, 23, 263-268.	1.0	6
66	The effect of prolonged dietary nitrate supplementation on atherosclerosis development. <i>Atherosclerosis</i> , 2016, 245, 212-221.	0.4	21
67	Sarcopenia is associated with an increased inflammatory response to surgery in colorectal cancer. <i>Clinical Nutrition</i> , 2016, 35, 924-927.	2.3	67
68	Functional Compromise Reflected by Sarcopenia, Frailty, and Nutritional Depletion Predicts Adverse Postoperative Outcome After Colorectal Cancer Surgery. <i>Annals of Surgery</i> , 2015, 261, 345-352.	2.1	402
69	A new method to evaluate the effects of shear on the skin. <i>Wound Repair and Regeneration</i> , 2015, 23, 885-890.	1.5	36
70	Arginine and Citrulline and the Immune Response in Sepsis. <i>Nutrients</i> , 2015, 7, 1426-1463.	1.7	144
71	Citrulline Supplementation Improves Organ Perfusion and Arginine Availability under Conditions with Enhanced Arginase Activity. <i>Nutrients</i> , 2015, 7, 5217-5238.	1.7	40
72	Post-Prandial Protein Handling: You Are What You Just Ate. <i>PLoS ONE</i> , 2015, 10, e0141582.	1.1	96

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73	Improved Fracture Healing in Patients with Concomitant Traumatic Brain Injury: Proven or Not?. Mediators of Inflammation, 2015, 2015, 1-14.	1.4	53
74	Surgical stabilisation in a 13-year-old boy with traumatic flail chest. BMJ Case Reports, 2015, 2015, bcr2015209371.	0.2	0
75	Arginine infusion in patients with septic shock increases nitric oxide production without haemodynamic instability. Clinical Science, 2015, 128, 57-67.	1.8	63
76	Determining scaphoid waist fracture union by conventional radiographic examination: an analysis of reliability and validity. Archives of Orthopaedic and Trauma Surgery, 2015, 135, 291-296.	1.3	31
77	Functional outcome and cost-effectiveness of pulsed electromagnetic fields in the treatment of acute scaphoid fractures: a cost-utility analysis. BMC Musculoskeletal Disorders, 2015, 16, 84.	0.8	16
78	Loss of Skeletal Muscle Mass During Neoadjuvant Chemoradiotherapy Predicts Postoperative Mortality in Esophageal Cancer Surgery. Annals of Surgical Oncology, 2015, 22, 4445-4452.	0.7	127
79	Is Bone Grafting Necessary in the Treatment of Malunited Distal Radius Fractures?. Journal of Wrist Surgery, 2015, 04, 207-213.	0.3	22
80	Impact of the Macronutrient Composition of a Nutritional Supplement on Muscle Protein Synthesis Rates in Older Men: A Randomized, Double Blind, Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4124-4132.	1.8	28
81	Gait Analysis and Functional Outcome After Calcaneal Fracture. Journal of Bone and Joint Surgery - Series A, 2015, 97, 1879-1888.	1.4	50
82	Comparison of different definitions of feeding intolerance: A retrospective observational study. Clinical Nutrition, 2015, 34, 956-961.	2.3	73
83	Introducing an integrated intermediate care unit improves ICU utilization: a prospective intervention study. BMC Anesthesiology, 2014, 14, 76.	0.7	52
84	L-Citrulline Improves Splanchnic Perfusion and Reduces Gut Injury during Exercise. Medicine and Science in Sports and Exercise, 2014, 46, 2039-2046.	0.2	61
85	Assessment of the healing process in distal radius fractures by high resolution peripheral quantitative computed tomography. Bone, 2014, 64, 65-74.	1.4	47
86	Accurate Prediction of Anastomotic Leakage after Colorectal Surgery Using Plasma Markers for Intestinal Damage and Inflammation. Journal of the American College of Surgeons, 2014, 219, 744-751.	0.2	53
87	Effects of unconsciousness during spinal immobilization on tissue-interface pressures: A randomized controlled trial comparing a standard rigid spineboard with a newly developed soft-layered long spineboard. Injury, 2014, 45, 1741-1746.	0.7	11
88	The effects of low-intensity pulsed ultrasound and pulsed electromagnetic fields bone growth stimulation in acute fractures: a systematic review and meta-analysis of randomized controlled trials. Archives of Orthopaedic and Trauma Surgery, 2014, 134, 1093-1106.	1.3	118
89	Arginase-1 Deficiency Regulates Arginine Concentrations and NOS2-Mediated NO Production during Endotoxemia. PLoS ONE, 2014, 9, e86135.	1.1	40
90	Gastrointestinal symptoms during the first week of intensive care are associated with poor outcome: a prospective multicentre study. Intensive Care Medicine, 2013, 39, 899-909.	3.9	139

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91	Multiplanar reconstruction computed tomography for diagnosis of scaphoid waist fracture union: a prospective cohort analysis of accuracy and precision. <i>Skeletal Radiology</i> , 2013, 42, 1377-1382.	1.2	22
92	Specific Visualization of Nitric Oxide in the Vasculature with Two-Photon Microscopy Using a Copper Based Fluorescent Probe. <i>PLoS ONE</i> , 2013, 8, e75331.	1.1	15
93	Impaired fracture healing associated with amino acid disturbances. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 1270-1277.	2.2	20
94	High sensitivity measurement of amino acid isotope enrichment using liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 905, 31-36.	1.2	16
95	Primary internal fixation and soft-tissue reconstruction in the treatment for an open Lisfranc fracture-dislocation. <i>Musculoskeletal Surgery</i> , 2012, 96, 59-62.	0.7	9
96	Gastrointestinal function in intensive care patients: terminology, definitions and management. Recommendations of the ESICM Working Group on Abdominal Problems. <i>Intensive Care Medicine</i> , 2012, 38, 384-394.	3.9	408
97	Total Intermittent Pringle Maneuver during Liver Resection Can Induce Intestinal Epithelial Cell Damage and Endotoxemia. <i>PLoS ONE</i> , 2012, 7, e30539.	1.1	39
98	Citrulline a More Suitable Substrate than Arginine to Restore NO Production and the Microcirculation during Endotoxemia. <i>PLoS ONE</i> , 2012, 7, e37439.	1.1	114
99	Pulsed Electromagnetic Fields in the treatment of fresh scaphoid fractures. A multicenter, prospective, double blind, placebo controlled, randomized trial. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 90.	0.8	13
100	Effects of L-arginine pretreatment on nitric oxide metabolism and hepatosplanchnic perfusion during porcine endotoxemia. <i>American Journal of Clinical Nutrition</i> , 2011, 93, 1237-1247.	2.2	27
101	Reduced Tissue-Interface Pressure and Increased Comfort on a Newly Developed Soft-Layered Long Spineboard. <i>Journal of Trauma</i> , 2010, 68, 593-598.	2.3	23
102	Reduced caloric intake during endotoxemia reduces arginine availability and metabolism. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 992-1001.	2.2	13
103	Conservative management of proximal humeral fractures: Can poor functional outcome be related to standard transscapular radiographic evaluation?. <i>Journal of Shoulder and Elbow Surgery</i> , 2010, 19, 273-281.	1.2	41
104	Reduced citrulline production in sepsis is related to diminished de novo arginine and nitric oxide production. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 142-152.	2.2	165
105	An international survey: Public awareness and perception of sepsis*. <i>Critical Care Medicine</i> , 2009, 37, 167-170.	0.4	129
106	Decreased plasma glutamate in early phases of septic shock with acute liver dysfunction is an independent predictor of survival. <i>Clinical Nutrition</i> , 2008, 27, 523-530.	2.3	37
107	New Insight in Loss of Gut Barrier during Major Non-Abdominal Surgery. <i>PLoS ONE</i> , 2008, 3, e3954.	1.1	63
108	EVIDENCE FOR INTESTINAL AND LIVER EPITHELIAL CELL INJURY IN THE EARLY PHASE OF SEPSIS. <i>Shock</i> , 2007, 28, 544-548.	1.0	113

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109	Boerhaave's syndrome in children: a case report and review of the literature. <i>Journal of Pediatric Surgery</i> , 2006, 41, 1620-1623.	0.8	22
110	Monitoring global volume-related hemodynamic or regional variables after initial resuscitation: What is a better predictor of outcome in critically ill septic patients?*. <i>Critical Care Medicine</i> , 2005, 33, 2494-2500.	0.4	116
111	The Role of Arginine in Infection and Sepsis. <i>Journal of Parenteral and Enteral Nutrition</i> , 2005, 29, S70-4.	1.3	101
112	Sepsis: An arginine deficiency state?. <i>Critical Care Medicine</i> , 2004, 32, 2135-2145.	0.4	213
113	Gastric PgCO <sub>2</sub> and Pg-aCO <sub>2</sub> gap are related to d-lactate and not to l-lactate levels in patients with septic shock. <i>Intensive Care Medicine</i> , 2003, 29, 2081-2085.	3.9	22
114	Increased Hepatosplanchnic Inflammation Precedes the Development of Organ Dysfunction After Elective High-Risk Surgery. <i>Shock</i> , 2002, 17, 451-458.	1.0	28
115	Intramedullary Spinal Teratoma Presenting with Urinary Retention: Case Report and Review of the Literature. <i>Neurosurgery</i> , 1999, 45, 379-385.	0.6	67
116	Prediction of postoperative cardiac surgical morbidity and organ failure within 4 hours of intensive care unit admission using esophageal Doppler ultrasonography. <i>Critical Care Medicine</i> , 1999, 27, 1288-1294.	0.4	65