

Hans-Christoph Pape

List of Publications by Year in descending order

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Version: 2024-02-01

175
papers

5,054
citations

159358

30
h-index

106150

65
g-index

180
all docs

180
docs citations

180
times ranked

3463
citing authors

#	ARTICLE	IF	CITATIONS
1	The timing of fracture treatment in polytrauma patients: relevance of damage control orthopedic surgery—This manuscript is dedicated to Harald Tscherne, who has influenced the discussion and the standards of fracture treatment substantially.. American Journal of Surgery, 2002, 183, 622-629.	0.9	374
2	PRIMARY INTRAMEDULLARY FEMUR FIXATION IN MULTIPLE TRAUMA PATIENTS WITH ASSOCIATED LUNG CONTUSION—A CAUSE OF POSTTRAUMATIC ARDS?. Journal of Trauma, 1993, 34, 540-548.	2.3	359
3	Patterns of mortality and causes of death in polytrauma patients—Has anything changed?. Injury, 2009, 40, 907-911.	0.7	342
4	Changes in the Management of Femoral Shaft Fractures in Polytrauma Patients: From Early Total Care to Damage Control Orthopedic Surgery. Journal of Trauma, 2002, 53, 452-462.	2.3	307
5	Timing of Fixation of Major Fractures in Blunt Polytrauma. Journal of Orthopaedic Trauma, 2005, 19, 551-562.	0.7	229
6	Appraisal of Early Evaluation of Blunt Chest Trauma: Development of a Standardized Scoring System for Initial Clinical Decision Making. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 49, 496-504.	1.1	227
7	Alterations in the Systemic Inflammatory Response after Early Total Care and Damage Control Procedures for Femoral Shaft Fracture in Severely Injured Patients. Journal of Trauma, 2005, 58, 446-454.	2.3	170
8	Timing of Fracture Fixation in Multitrauma Patients: The Role of Early Total Care and Damage Control Surgery. Journal of the American Academy of Orthopaedic Surgeons, The, 2009, 17, 541-549.	1.1	153
9	Missed injuries in trauma patients: A literature review. Patient Safety in Surgery, 2008, 2, 20.	1.1	148
10	Reduction in Mortality of Severely Injured Patients in Germany. Deutsches Ärztblatt International, 2008, 105, 225-31.	0.6	107
11	Mortality Patterns in Patients with Multiple Trauma: A Systematic Review of Autopsy Studies. PLoS ONE, 2016, 11, e0148844.	1.1	100
12	Fat embolism: the reaming controversy. Injury, 2006, 37, S50-S58.	0.7	86
13	Functional Outcome Following Scapulothoracic Dissociation. Journal of Bone and Joint Surgery - Series A, 2004, 86, 2-8.	1.4	82
14	Correlation Between IL-6 Levels and the Systemic Inflammatory Response Score: Can an IL-6 Cutoff Predict a SIRS State?. Journal of Trauma, 2008, 65, 646-652.	2.3	81
15	Reamed Femoral Nailing in Sheep: Does Irrigation and Aspiration of Intramedullary Contents Alter the Systemic Response?. Journal of Bone and Joint Surgery - Series A, 2005, 87, 2515.	1.4	64
16	Damage Control Orthopaedics. Journal of Bone and Joint Surgery - Series A, 2005, 87, 434-449.	1.4	64
17	Assessment of the clinical course with inflammatory parameters. Injury, 2007, 38, 1358-1364.	0.7	54
18	Predictors of Late Clinical Outcome Following Orthopedic Injuries After Multiple Trauma. Journal of Trauma, 2010, 69, 1243-1251.	2.3	54

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19	Combined Hemorrhage/Trauma Models in Pigsâ€”Current State and Future Perspectives. <i>Shock</i> , 2013, 40, 247-273.	1.0	54
20	Blunt Cerebrovascular Artery Injury and Stroke in Severely Injured Patients: An International Multicenter Analysis. <i>World Journal of Surgery</i> , 2018, 42, 2043-2053.	0.8	54
21	Impact of Helicopter Emergency Medical Service in Traumatized Patients: Which Patient Benefits Most?. <i>PLoS ONE</i> , 2016, 11, e0146897.	1.1	48
22	How to detect a polytrauma patient at risk of complications: A validation and database analysis of four published scales. <i>PLoS ONE</i> , 2020, 15, e0228082.	1.1	47
23	The Role of Fracture-Associated Soft Tissue Injury in the Induction of Systemic Inflammation and Remote Organ Dysfunction After Bilateral Femur Fracture. <i>Journal of Orthopaedic Trauma</i> , 2008, 22, 385-390.	0.7	46
24	Improvements in passive car safety led to decreased injury severity â€” a comparison between the 1970s and 1990s. <i>Injury</i> , 2005, 36, 484-488.	0.7	43
25	Incidence of adult respiratory distress syndrome in trauma patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 496-506.	1.1	42
26	The â€œAachen fall prevention Appâ€”â€” a Smartphone application app for the self-assessment of elderly patients at risk for ground level falls. <i>Patient Safety in Surgery</i> , 2017, 11, 14.	1.1	40
27	Epidemiology of open tibia fractures in a population-based database: update on current risk factors and clinical implications. <i>European Journal of Trauma and Emergency Surgery</i> , 2019, 45, 445-453.	0.8	38
28	Secondary effects of femoral instrumentation on pulmonary physiology in a standardised sheep model:. <i>Injury</i> , 2005, 36, 544-555.	0.7	37
29	The timing of definitive fixation for major fractures in polytraumaâ€”A matched-pair comparison between a US and European level I centres: Analysis of current fracture management practice in polytrauma. <i>Injury</i> , 2011, 42, 650-654.	0.7	36
30	Role of hemorrhage in the induction of systemic inflammation and remote organ damage: Analysis of combined pseudoâ€”fracture and hemorrhagic shock. <i>Journal of Orthopaedic Research</i> , 2011, 29, 270-274.	1.2	36
31	The biology of intramedullary reaming. <i>Injury</i> , 2010, 41, S4-S8.	0.7	35
32	Mid-term follow-up after surgical treatment of fragility fractures of the pelvis. <i>Injury</i> , 2018, 49, 2032-2035.	0.7	32
33	Does the time of day in orthopedic trauma surgery affect mortality and complication rates?. <i>Patient Safety in Surgery</i> , 2019, 13, 8.	1.1	32
34	Thoracic trauma now and then: A 10 year experience from 16,773 severely injured patients. <i>PLoS ONE</i> , 2017, 12, e0186712.	1.1	32
35	Restricted duty hours for surgeons and impact on residents quality of life, education, and patient care: a literature review. <i>Patient Safety in Surgery</i> , 2009, 3, 3.	1.1	31
36	Development of a scoring system based on conventional parameters to assess polytrauma patients: PolyTrauma Grading Score (PTGS). <i>Injury</i> , 2015, 46, S93-S98.	0.7	30

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37	Experimental backgroundâ€”review of animal studies. <i>Injury</i> , 2006, 37, S25-S38.	0.7	29
38	The â€”Aachen Falls Prevention Scaleâ€”™ - development of a tool for self-assessment of elderly patients at risk for ground level falls. <i>Patient Safety in Surgery</i> , 2015, 9, 7.	1.1	29
39	Models of Lower Extremity Damage in Mice: Time Course of Organ Damage and Immune Response. <i>Journal of Surgical Research</i> , 2011, 166, e149-e156.	0.8	28
40	Review of Animal Models of Comorbidities in Fractureâ€”Healing Research. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2491-2498.	1.2	27
41	Intraoperative Reduction Techniques for Difficult Femoral Fractures. <i>Journal of Orthopaedic Trauma</i> , 2009, 23, S6-S11.	0.7	26
42	Cost-Drivers in Acute Treatment of Severe Trauma in Europe: A Systematic Review of Literature. <i>European Journal of Trauma and Emergency Surgery</i> , 2009, 35, 61-66.	0.8	26
43	A Combined Trauma Model of Chest and Abdominal Trauma With Hemorrhagic Shockâ€”Description of a New Porcine Model. <i>Shock</i> , 2012, 38, 664-670.	1.0	26
44	Can a Modified Anterior External Fixator Provide Posterior Compression of AP Compression Type III Pelvic Injuries?. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 2862-2868.	0.7	26
45	EFFECTS OF INTRAMEDULLARY FEMORAL FRACTURE FIXATION: WHAT IS THE IMPACT OF EXPERIMENTAL STUDIES IN REGARDS TO THE CLINICAL KNOWLEDGE?. <i>Shock</i> , 2002, 18, 291-300.	1.0	25
46	The quantity of bone cement influences the anchorage of augmented pedicle screws in the osteoporotic spine: A biomechanical human cadaveric study. <i>Clinical Biomechanics</i> , 2018, 52, 14-19.	0.5	24
47	Are Preâ€”hospital Trauma Deaths Preventable? A Systematic Literature Review. <i>World Journal of Surgery</i> , 2019, 43, 2438-2446.	0.8	24
48	Monotrauma is associated with enhanced remote inflammatory response and organ damage, while polytrauma intensifies both in porcine trauma model. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 31-42.	0.8	24
49	Damage control orthopaedics in polytraumatized patients- current concepts. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2021, 12, 72-82.	0.6	24
50	Automated digital image quantification of histological staining for the analysis of the trilineage differentiation potential of mesenchymal stem cells. <i>Stem Cell Research and Therapy</i> , 2019, 10, 69.	2.4	22
51	Splenic injury severity, not admission hemodynamics, predicts need for surgery in pediatric blunt splenic trauma. <i>Patient Safety in Surgery</i> , 2020, 14, 1.	1.1	22
52	Quality of reduction correlates with clinical outcome in pelvic ring fractures. <i>Injury</i> , 2019, 50, 1223-1226.	0.7	21
53	Immune Reactions after Trauma. <i>European Journal of Trauma and Emergency Surgery</i> , 2003, 29, 181-192.	0.3	20
54	Trauma Care in Germany: An Inclusive System. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 2912-2923.	0.7	20

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55	External fixation in the elderly. <i>Injury</i> , 2015, 46, S7-S12.	0.7	20
56	Induced hypothermia reduces the hepatic inflammatory response in a swine multiple trauma model. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 76, 1425-1432.	1.1	19
57	Would patients undergo postoperative follow-up by using a smartphone application?. <i>BMC Surgery</i> , 2020, 20, 229.	0.6	19
58	Systematic Review and Meta-Analysis of 3 Treatment Arms for Vertebral Compression Fractures. <i>JBS Reviews</i> , 2021, 9, .	0.8	19
59	Increased in-hospital mortality following severe head injury in young children: results from a nationwide trauma registry. <i>European Journal of Medical Research</i> , 2015, 20, 65.	0.9	18
60	Development of a Visual Analytics Tool for Polytrauma Patients: Proof of Concept for a New Assessment Tool Using a Multiple Layer Sankey Diagram in a Single-Center Database. <i>World Journal of Surgery</i> , 2020, 44, 764-772.	0.8	18
61	Complement Activation and Organ Damage After Trauma—Differential Immune Response Based on Surgical Treatment Strategy. <i>Frontiers in Immunology</i> , 2020, 11, 64.	2.2	18
62	The effect of geriatric comanagement (GC) in geriatric trauma patients treated in a level 1 trauma setting: A comparison of data before and after the implementation of a certified geriatric trauma center. <i>PLoS ONE</i> , 2021, 16, e0244554.	1.1	18
63	Analysis of Injury and Mortality Patterns in Deceased Patients with Road Traffic Injuries: An Autopsy Study. <i>World Journal of Surgery</i> , 2017, 41, 3111-3119.	0.8	17
64	Implementation of new standard operating procedures for geriatric trauma patients with multiple injuries: a single level I trauma centre study. <i>BMC Geriatrics</i> , 2019, 19, 359.	1.1	17
65	Improved pre-hospital care efficiency due to the implementation of pre-hospital trauma life support (PHTLS®) algorithms. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 1321-1325.	0.8	17
66	Mortality of Adult Respiratory Distress Syndrome in Trauma Patients: A Systematic Review over a Period of Four Decades. <i>World Journal of Surgery</i> , 2020, 44, 2243-2254.	0.8	17
67	Documentation of Blunt Trauma in Europe Survey of the Current Status of Documentation and Appraisal of the Value of Standardization. <i>European Journal of Trauma and Emergency Surgery</i> , 2000, 26, 233-247.	0.3	16
68	Biomechanical testing of a PEEK-based dynamic instrumentation device in a lumbar spine model. <i>Clinical Biomechanics</i> , 2017, 44, 67-74.	0.5	16
69	Leukotriene B4 indicates lung injury and on-going inflammatory changes after severe trauma in a porcine long-term model. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 127, 25-31.	1.0	16
70	Screw fixation of ACPHT acetabular fractures offers sufficient biomechanical stability when compared to standard buttress plate fixation. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 39.	0.8	16
71	Long-term outcome in 324 polytrauma patients: what factors are associated with posttraumatic stress disorder and depressive disorder symptoms?. <i>European Journal of Medical Research</i> , 2017, 22, 44.	0.9	15
72	Comparative Analysis of the Regulatory T Cells Dynamics in Peripheral Blood in Human and Porcine Polytrauma. <i>Frontiers in Immunology</i> , 2018, 9, 435.	2.2	15

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73	Comparison of Injury Patterns between Electric Bicycle, Bicycle and Motorcycle Accidents. <i>Journal of Clinical Medicine</i> , 2021, 10, 3359.	1.0	15
74	Femoral Nailing-related Coagulopathy Determined by First-hit Magnitude. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 473-480.	0.7	14
75	Selective non-operative management for penetrating splenic trauma: a systematic review. <i>European Journal of Trauma and Emergency Surgery</i> , 2019, 45, 979-985.	0.8	14
76	Subcutaneous internal anterior fixation of pelvis fractures— which configuration of the InFix is clinically optimal?— a retrospective study. <i>International Orthopaedics</i> , 2019, 43, 2161-2166.	0.9	14
77	Trauma Severity and Its Impact on Local Inflammation in Extremity Injury— Insights From a Combined Trauma Model in Pigs. <i>Frontiers in Immunology</i> , 2019, 10, 3028.	2.2	14
78	Surgical treatment options for femoral neck fractures in the elderly. <i>International Orthopaedics</i> , 2022, 46, 1111-1122.	0.9	14
79	The top 100 cited of injury -international journal of the care of the injured: A bibliometric analysis. <i>Injury</i> , 2017, 48, 2625-2633.	0.7	13
80	How can we influence the incidence of secondary fragility fractures? A review on current approaches. <i>Injury</i> , 2017, 48, S24-S26.	0.7	13
81	Safety of selective nonoperative management for blunt splenic trauma: the impact of concomitant injuries. <i>Patient Safety in Surgery</i> , 2018, 12, 32.	1.1	13
82	I-Selectin shows time and gender dependency in association with MODS. <i>Injury</i> , 2004, 35, 1087-1095.	0.7	12
83	Prehospital identification of trauma patients requiring transfusion: results of a retrospective study evaluating the use of the trauma induced coagulopathy clinical score (TICCS) in 33,385 patients from the TraumaRegister DGU. <i>Acta Chirurgica Belgica</i> , 2017, 117, 385-390.	0.2	12
84	Midkine Is Elevated After Multiple Trauma and Acts Directly on Human Cardiomyocytes by Altering Their Functionality and Metabolism. <i>Frontiers in Immunology</i> , 2019, 10, 1920.	2.2	12
85	What is the acceptance of video consultations among orthopedic and trauma outpatients? A multi-center survey in 780 outpatients. <i>Injury</i> , 2021, 52, 3304-3308.	0.7	12
86	Validation of a Visual-Based Analytics Tool for Outcome Prediction in Polytrauma Patients (WATSON) <i>Journal of Clinical Medicine</i> , 2021, 10, 2115.	1.0	12
87	Incidence of Fat Embolism Syndrome in Femur Fractures and Its Associated Risk Factors over Time— A Systematic Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 2733.	1.0	12
88	Diagnostics and Scoring in Blunt Chest Trauma. <i>European Journal of Trauma and Emergency Surgery</i> , 2002, 28, 157-167.	0.3	11
89	Guide wire insertion for percutaneous LC2 screws in acetabular and pelvic ring fixation using a transpedicular working cannula. <i>Injury</i> , 2017, 48, 2360-2364.	0.7	11
90	Single-level vertebral kyphoplasty is not associated with an increased risk of symptomatic secondary adjacent osteoporotic vertebral compression fractures: a matched case— control analysis. <i>Archives of Osteoporosis</i> , 2018, 13, 82.	1.0	11

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91	Enhanced prehospital volume therapy does not lead to improved outcomes in severely injured patients with severe traumatic brain injury. <i>BMC Emergency Medicine</i> , 2019, 19, 13.	0.7	11
92	The impact of SARS-CoV-2 (COVID-19) pandemic on trauma bay management and guideline adherence in a European level-one-trauma centre. <i>International Orthopaedics</i> , 2020, 44, 1621-1627.	0.9	11
93	Late reconstruction of severe open-book deformities of the pelvis – tips and tricks. <i>International Orthopaedics</i> , 2017, 41, 1777-1784.	0.9	10
94	Evaluation of severe and fatal injuries in extreme and contact sports: an international multicenter analysis. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2018, 138, 963-970.	1.3	10
95	Early local microcirculation is improved after intramedullary nailing in comparison to external fixation in a porcine model with a femur fracture. <i>European Journal of Trauma and Emergency Surgery</i> , 2018, 44, 689-696.	0.8	10
96	The effect of Covid-19 on the willingness to use video consultations among orthopedic and trauma outpatients: a multi-center survey in 1400 outpatients. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 2199-2206.	0.8	10
97	Terrorist incidents: strategic treatment objectives, tactical diagnostic procedures and the estimated need of blood and clotting products. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 695-707.	0.8	9
98	The Aachen Falls Prevention Scale: Multi-Study Evaluation and Comparison. <i>JMIR Aging</i> , 2019, 2, e12114.	1.4	9
99	RIA versus iliac crest bone graft harvesting: A meta-analysis and systematic review. <i>Injury</i> , 2022, 53, 286-293.	0.7	9
100	Increased injury severity and hospitalization rates following crashes with e-bikes versus conventional bicycles: an observational cohort study from a regional level II trauma center in Switzerland. <i>Patient Safety in Surgery</i> , 2022, 16, 11.	1.1	9
101	Lessons learned from the mechanisms of posttraumatic inflammation extrapolated to the inflammatory response in COVID-19: a review. <i>Patient Safety in Surgery</i> , 2020, 14, 28.	1.1	8
102	Early fixation strategies for high energy pelvic ring injuries – the Zurich algorithm. <i>Injury</i> , 2021, 52, 2712-2718.	0.7	8
103	Is the Additional Effort for an Intraoperative CT Scan Justified for Distal Radius Fracture Fixations? A Comparative Clinical Feasibility Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2254.	1.0	8
104	Identification of ALP+/CD73+ defining markers for enhanced osteogenic potential in human adipose-derived mesenchymal stromal cells by mass cytometry. <i>Stem Cell Research and Therapy</i> , 2021, 12, 7.	2.4	8
105	Interobserver variability of injury severity assessment in polytrauma patients: does the anatomical region play a role?. <i>European Journal of Medical Research</i> , 2021, 26, 35.	0.9	8
106	A Bibliometric Analysis of Fragility Fractures: Top 50. <i>Medicina (Lithuania)</i> , 2021, 57, 639.	0.8	8
107	Analysis of skeletal muscle microcirculation in a porcine polytrauma model with haemorrhagic shock. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1377-1382.	1.2	7
108	Is There an Influence of Surgeon’s Experience on the Clinical Course in Patients With a Proximal Femoral Fracture?. <i>Journal of Surgical Education</i> , 2018, 75, 1566-1574.	1.2	7

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109	Clinical outcomes after carbon-plate osteosynthesis in patients with distal radius fractures. <i>Patient Safety in Surgery</i> , 2019, 13, 30.	1.1	7
110	Risk factors for complications and adverse outcomes in polytrauma patients with associated upper extremity injuries. <i>Patient Safety in Surgery</i> , 2019, 13, 7.	1.1	7
111	Nonoperative management of splenic injury in closely monitored patients with reduced consciousness is safe and feasible. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2019, 27, 108.	1.1	7
112	Standards for external fixation application: national survey under the auspices of the German Trauma Society. <i>International Orthopaedics</i> , 2019, 43, 1779-1785.	0.9	7
113	Structural alterations and inflammation in the heart after multiple trauma followed by reamed versus non-reamed femoral nailing. <i>PLoS ONE</i> , 2020, 15, e0235220.	1.1	7
114	The local soft tissue status and the prediction of local complications following fractures of the ankle region. <i>Injury</i> , 2022, 53, 1789-1795.	0.7	7
115	The alcohol-intoxicated trauma patient: impact on imaging and radiation exposure. <i>European Journal of Trauma and Emergency Surgery</i> , 2019, 45, 871-876.	0.8	6
116	The impact of intramedullary nailing on the characteristics of the pulmonary neutrophil pool in rodents. <i>International Orthopaedics</i> , 2020, 44, 595-602.	0.9	6
117	Protective effects of new femoral reaming techniques (Reamer irrigator aspirator, RIA I and II) on pulmonary function and posttraumatic contusion (CT morphology) – results from a standardized large animal model. <i>Injury</i> , 2021, 52, 26-31.	0.7	6
118	Polytrauma: update on basic science and clinical evidence. <i>OTA International the Open Access Journal of Orthopaedic Trauma</i> , 2021, 4, e116.	0.4	6
119	Editorial: Emergency fixation of the pelvic ring using the pelvic C clamp – has anything changed?. <i>Injury</i> , 2015, 46, S1-S2.	0.7	5
120	Agreements and practical experience of trauma care cooperation in Central Europe: The “Boundless Trauma Care Central Europe” (BTCCE) project. <i>Injury</i> , 2015, 46, 519-524.	0.7	5
121	Principles and current concepts in the surgical treatment of fragility fractures in the elderly. <i>Best Practice and Research in Clinical Rheumatology</i> , 2019, 33, 264-277.	1.4	5
122	Higher age is a major driver of in-hospital adverse events independent of comorbid diseases among patients with isolated mild traumatic brain injury. <i>European Journal of Trauma and Emergency Surgery</i> , 2019, 45, 191-198.	0.8	5
123	Biomechanical in vitro examination of a standardized low-volume tubular femoroplasty. <i>Clinical Biomechanics</i> , 2020, 80, 105104.	0.5	5
124	The AdHOC (age, head injury, oxygenation, circulation) score: a simple assessment tool for early assessment of severely injured patients with major fractures. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 411-421.	0.8	5
125	Tuberosity union in patients with proximal humerus fractures treated with reverse shoulder arthroplasty: a technical note and exploratory analysis. <i>International Orthopaedics</i> , 2020, 44, 2711-2717.	0.9	5
126	Prevalence and outcome of contrast-induced nephropathy in major trauma patients. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 907-913.	0.8	5

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127	Age-Dependent Patient and Trauma Characteristics and Hospital Resource Requirementsâ€”Can Improvement Be Made? An Analysis from the German Trauma Registry. <i>Medicina (Lithuania)</i> , 2021, 57, 330.	0.8	5
128	Erectile dysfunction and penile rehabilitation after pelvic fracture: a systematic review and meta-analysis. <i>BMJ Open</i> , 2021, 11, e045117.	0.8	5
129	Assessment of alternative techniques to quantify the effect of injury on soft tissue in closed ankle and pilon fractures. <i>PLoS ONE</i> , 2022, 17, e0268359.	1.1	5
130	Dose-dependent effects of peroxisome proliferator-activated receptors β agonist on systemic inflammation after haemorrhagic shock. <i>Cytokine</i> , 2018, 103, 127-132.	1.4	4
131	Pre-hospital trauma care in Switzerland and Germany: do they speak the same language?. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 1273-1280.	0.8	4
132	Treatment of proximal humerus fractures in geriatric patients - Can pathological DEXA results help to guide the indication for allograft augmentation?. <i>PLoS ONE</i> , 2020, 15, e0230789.	1.1	4
133	The GERTality Score: The Development of a Simple Tool to Help Predict in-Hospital Mortality in Geriatric Trauma Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 1362.	1.0	4
134	REAMED FEMORAL NAILING IN SHEEP. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 2515-2522.	1.4	4
135	New Time-Related Insights into an Old Laboratory Parameter: Early CRP Discovered by IBM Watson Trauma Pathway Explorer ^Â as a Predictor for Sepsis in Polytrauma Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 5470.	1.0	4
136	The 10th anniversary of patient safety in surgery. <i>Patient Safety in Surgery</i> , 2017, 11, 27.	1.1	3
137	Association between Caregiver Role and Short- and Long-Term Functional Recovery after Hip Fracture: A Prospective Study. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 122-129.	1.2	3
138	Altered cell surface receptor dynamics and circulatory occurrence of neutrophils in a small animal fracture model. <i>Pathology Research and Practice</i> , 2020, 216, 153108.	1.0	3
139	Reaming of femoral fractures with different reaming irrigator aspirator systems shows distinct effects on cardiac function after experimental polytrauma. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2608-2618.	1.2	3
140	Comparison of metal artifact reduction techniques in magnetic resonance imaging of carbon-reinforced PEEK and titanium spinal implants. <i>Acta Radiologica</i> , 2022, 63, 1062-1070.	0.5	3
141	Cellular activation status in femoral shaft fracture hematoma following different reaming techniques â€” A large animal model. <i>Journal of Orthopaedic Research</i> , 2022, , .	1.2	3
142	Fracture fixation strategy and specific muscle tissue availability of neutrophilic granulocytes following mono- and polytrauma: intramedullary nailing vs. external fixation of femoral fractures. <i>European Journal of Medical Research</i> , 2020, 25, 62.	0.9	2
143	A retrospective comparison of clinical and radiological outcomes using palmar or dorsal plating to treat complex intraarticular distal radius fractures (AO 2R3 C3). <i>European Journal of Trauma and Emergency Surgery</i> , 2020, , 1.	0.8	2
144	Early myocardial damage (EMD) and valvular insufficiency result in impaired cardiac function after multiple trauma in pigs. <i>Scientific Reports</i> , 2021, 11, 1151.	1.6	2

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145	Curiosity or Underdiagnosed? Injuries to Thoracolumbar Spine with Concomitant Trauma to Pancreas. <i>Journal of Clinical Medicine</i> , 2021, 10, 700.	1.0	2
146	Splenectomy is associated with altered leukocyte kinetics after severe trauma. <i>European Journal of Medical Research</i> , 2021, 26, 26.	0.9	2
147	Early myocardial damage (EMD) and valvular dysfunction after femur fracture in pigs. <i>Scientific Reports</i> , 2021, 11, 8503.	1.6	2
148	Does the insurance status influence in-hospital outcome? A retrospective assessment in 30,175 surgical trauma patients in Switzerland. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 1121-1128.	0.8	2
149	Proximal humerus fractures (PHFs): comparison of functional outcome 1Âyear after minimally invasive plate osteosynthesis (MIPO) versus open reduction internal fixation (ORIF). <i>European Journal of Trauma and Emergency Surgery</i> , 2021, , 1.	0.8	2
150	Long-term experience with a collagen-elastin scaffold in combination with split-thickness skin grafts for the treatment of full-thickness soft tissue defects: improvements in outcomeâ€”a retrospective cohort study and case report. <i>Langenbeck's Archives of Surgery</i> , 2022, 407, 327-335.	0.8	2
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