

Falco Hietbrink

List of Publications by Year in descending order

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Version: 2024-02-01

123
papers

2,753
citations

201385

27
h-index

233125

45
g-index

123
all docs

123
docs citations

123
times ranked

2846
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional heterogeneity and differential priming of circulating neutrophils in human experimental endotoxemia. <i>Journal of Leukocyte Biology</i> , 2010, 88, 211-220.	1.5	202
2	Operative treatment versus nonoperative treatment of Achilles tendon ruptures: systematic review and meta-analysis. <i>BMJ: British Medical Journal</i> , 2019, 364, k5120.	2.4	187
3	SYSTEMIC INFLAMMATION INCREASES INTESTINAL PERMEABILITY DURING EXPERIMENTAL HUMAN ENDOTOXEMIA. <i>Shock</i> , 2009, 32, 374-378.	1.0	106
4	On the origin of low-density neutrophils. <i>Journal of Leukocyte Biology</i> , 2020, 107, 809-818.	1.5	90
5	Surgical Versus Nonsurgical Treatment for Midshaft Clavicle Fractures in Patients Aged 16 Years and Older: A Systematic Review, Meta-analysis, and Comparison of Randomized Controlled Trials and Observational Studies. <i>American Journal of Sports Medicine</i> , 2017, 45, 1937-1945.	1.9	87
6	Time is of the essence when treating necrotizing soft tissue infections: a systematic review and meta-analysis. <i>World Journal of Emergency Surgery</i> , 2020, 15, 4.	2.1	87
7	Fixation of flail chest or multiple rib fractures: current evidence and how to proceed. A systematic review and meta-analysis. <i>European Journal of Trauma and Emergency Surgery</i> , 2019, 45, 631-644.	0.8	86
8	Weight-Bearing and Mobilization in the Postoperative Care of Ankle Fractures: A Systematic Review and Meta-Analysis of Randomized Controlled Trials and Cohort Studies. <i>PLoS ONE</i> , 2015, 10, e0118320.	1.1	81
9	Comparison of analgesic interventions for traumatic rib fractures: a systematic review and meta-analysis. <i>European Journal of Trauma and Emergency Surgery</i> , 2019, 45, 597-622.	0.8	73
10	Plate fixation or intramedullary fixation for midshaft clavicle fractures: a systematic review and meta-analysis of randomized controlled trials and observational studies. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 1195-1203.	1.2	70
11	Kinetics of the Innate Immune Response After Trauma. <i>Shock</i> , 2013, 40, 21-27.	1.0	55
12	Intracellular Penetration and Effects of Antibiotics on Staphylococcus aureus Inside Human Neutrophils: A Comprehensive Review. <i>Antibiotics</i> , 2019, 8, 54.	1.5	54
13	Neutrophil Functional Heterogeneity: Identification of Competitive Phagocytosis. <i>Frontiers in Immunology</i> , 2017, 8, 1498.	2.2	53
14	Utilisation of Intermediate Care Units: A Systematic Review. <i>Critical Care Research and Practice</i> , 2017, 1-10.	0.4	46
15	Brodie's Abscess: A Systematic Review of Reported Cases. <i>Journal of Bone and Joint Infection</i> , 2019, 4, 33-39.	0.6	46
16	Weight-bearing or non-weight-bearing after surgical treatment of ankle fractures: a multicenter randomized controlled trial. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 121-130.	0.8	46
17	Neutrophil heterogeneity and its role in infectious complications after severe trauma. <i>World Journal of Emergency Surgery</i> , 2019, 14, 24.	2.1	45
18	Getting it right first time: The importance of a structured tissue sampling protocol for diagnosing fracture-related infections. <i>Injury</i> , 2019, 50, 1649-1655.	0.7	43

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19	Modulation of the innate immune response after trauma visualised by a change in functional PMN phenotype. <i>Injury</i> , 2009, 40, 851-855.	0.7	41
20	Triple diagnostics for early detection of ambivalent necrotizing fasciitis. <i>World Journal of Emergency Surgery</i> , 2016, 11, 51.	2.1	41
21	Long-term follow-up after rib fixation for flail chest and multiple rib fractures. <i>European Journal of Trauma and Emergency Surgery</i> , 2019, 45, 645-654.	0.8	41
22	Complications and outcome after rib fracture fixation: A systematic review. <i>Journal of Trauma and Acute Care Surgery</i> , 2020, 89, 411-418.	1.1	41
23	Quality of reporting of systematic reviews and meta-analyses in emergency medicine based on the PRISMA statement. <i>BMC Emergency Medicine</i> , 2019, 19, 19.	0.7	38
24	Early decreased neutrophil responsiveness is related to late onset sepsis in multitrauma patients: An international cohort study. <i>PLoS ONE</i> , 2017, 12, e0180145.	1.1	37
25	Automated flow cytometry enables high performance point-of-care analysis of leukocyte phenotypes. <i>Journal of Immunological Methods</i> , 2019, 474, 112646.	0.6	32
26	ABERRANT REGULATION OF POLYMORPHONUCLEAR PHAGOCYTE RESPONSIVENESS IN MULTITRAUMA PATIENTS. <i>Shock</i> , 2006, 26, 558-564.	1.0	31
27	Rib fixation versus non-operative treatment for flail chest and multiple rib fractures after blunt thoracic trauma: a multicenter cohort study. <i>European Journal of Trauma and Emergency Surgery</i> , 2019, 45, 655-663.	0.8	31
28	Intramedullary Fixation Versus Plate Fixation of Distal Fibular Fractures: A Systematic Review and Meta-Analysis of Randomized Controlled Trials and Observational Studies. <i>Journal of Foot and Ankle Surgery</i> , 2019, 58, 119-126.	0.5	29
29	Kinetics of Neutrophil Subsets in Acute, Subacute, and Chronic Inflammation. <i>Frontiers in Immunology</i> , 2021, 12, 674079.	2.2	26
30	Epidemiology and outcome of rib fractures: a nationwide study in the Netherlands. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 265-271.	0.8	25
31	Blunt cerebrovascular injury: incidence and long-term follow-up. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 161-170.	0.8	25
32	Point-of-Care Analysis of Neutrophil Phenotypes: A First Step Toward Immuno-Based Precision Medicine in the Trauma ICU. , 2020, 2, e0158.		24
33	Effect of a standardized treatment regime for infection after osteosynthesis. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 41.	0.9	23
34	Persistent Inflammation, Immunosuppression and Catabolism Syndrome (PICS) after Polytrauma: A Rare Syndrome with Major Consequences. <i>Journal of Clinical Medicine</i> , 2020, 9, 191.	1.0	23
35	Tertiary survey in polytrauma patients should be an ongoing process. <i>Injury</i> , 2016, 47, 792-796.	0.7	22
36	Ankle Fracture Classification: An Innovative System for Describing Ankle Fractures. <i>Journal of Foot and Ankle Surgery</i> , 2019, 58, 492-496.	0.5	22

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37	Factors Associated with Mortality and Amputation Caused by Necrotizing Soft Tissue Infections of the Upper Extremity: A Retrospective Cohort Study. <i>World Journal of Surgery</i> , 2020, 44, 730-740.	0.8	22
38	The evolution of trauma care in the Netherlands over 20 years. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 329-335.	0.8	22
39	Factors Associated With Wound- and Implant-Related Complications After Surgical Treatment of Ankle Fractures. <i>Journal of Foot and Ankle Surgery</i> , 2018, 57, 942-947.	0.5	21
40	Limited Predictive Value of Serum Inflammatory Markers for Diagnosing Fracture-Related Infections: results of a large retrospective multicenter cohort study. <i>Journal of Bone and Joint Infection</i> , 2018, 3, 130-137.	0.6	21
41	Timing of repair and mesh use in traumatic abdominal wall defects: a systematic review and meta-analysis of current literature. <i>World Journal of Emergency Surgery</i> , 2019, 14, 59.	2.1	21
42	Venous thromboembolism (VTE) prophylaxis in severely injured patients: an international comparative assessment. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 137-143.	0.8	21
43	Intramedullary nailing of the femur and the systemic activation of monocytes and neutrophils. <i>World Journal of Emergency Surgery</i> , 2011, 6, 34.	2.1	19
44	Flow cytometric evaluation of the neutrophil compartment in COVID-19 at hospital presentation: A normal response to an abnormal situation. <i>Journal of Leukocyte Biology</i> , 2021, 109, 99-114.	1.5	19
45	Fractures and dislocations of the hand in polytrauma patients: Incidence, injury pattern and functional outcome. <i>Injury</i> , 2017, 48, 930-935.	0.7	18
46	A Rise in Neutrophil Cell Size Precedes Organ Dysfunction After Trauma. <i>Shock</i> , 2019, 51, 439-446.	1.0	18
47	Long-term outcomes after operative treatment for tibial pilon fractures. <i>OTA International the Open Access Journal of Orthopaedic Trauma</i> , 2019, 2, e043.	0.4	18
48	Epidemiology of distal radius fractures in polytrauma patients and the influence of high traumatic energy transfer. <i>Injury</i> , 2018, 49, 630-635.	0.7	17
49	Factors Influencing Functional Outcomes of Subtalar Fusion for Posttraumatic Arthritis After Calcaneal Fracture. <i>Foot and Ankle International</i> , 2018, 39, 1062-1069.	1.1	17
50	Validation of the Thorax Trauma Severity Score for mortality and its value for the development of acute respiratory distress syndrome. <i>Open Access Emergency Medicine</i> , 2011, 3, 49.	0.6	16
51	Severely injured patients benefit from in-house attending trauma surgeons. <i>Injury</i> , 2019, 50, 20-26.	0.7	16
52	Routine incorporation of longer-term patient-reported outcomes into a Dutch trauma registry. <i>Quality of Life Research</i> , 2019, 28, 2731-2739.	1.5	16
53	Penetrating Neck Injury in Two Dutch Level 1 Trauma Centres: the Non-Existent Problem. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, 455-462.	0.8	14
54	Exhaustion of the immune system by Group A Streptococcus necrotizing fasciitis: the occurrence of late secondary infections in a retrospective study. <i>Trauma Surgery and Acute Care Open</i> , 2019, 4, e000272.	0.8	14

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55	Distribution and treatment of clavicular fractures in monotrauma and polytrauma patients. <i>Journal of Trauma Management and Outcomes</i> , 2014, 8, 17.	0.9	13
56	The isolated posterior malleolar fracture and syndesmotic instability: A case report and review of the literature. <i>International Journal of Surgery Case Reports</i> , 2017, 41, 360-365.	0.2	13
57	Functional outcomes of traumatic midfoot injuries. <i>Injury</i> , 2018, 49, 2087-2092.	0.7	13
58	The intermediate care unit as a cost-reducing critical care facility in tertiary referral hospitals: a single-centre observational study. <i>BMJ Open</i> , 2019, 9, e026359.	0.8	13
59	Weight bearing or non-weight bearing after surgically fixed ankle fractures, the WOW! Study: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 175.	0.7	12
60	Validation of the VitalPAC Early Warning Score at the Intermediate Care Unit. <i>World Journal of Critical Care Medicine</i> , 2018, 7, 39-45.	0.8	12
61	Incorporating repeated measurements into prediction models in the critical care setting: a framework, systematic review and meta-analysis. <i>BMC Medical Research Methodology</i> , 2019, 19, 199.	1.4	12
62	Hip Fractures in Patients With Liver Cirrhosis: Worsening Liver Function Is Associated with Increased Mortality. <i>Clinical Orthopaedics and Related Research</i> , 2022, 480, 1077-1088.	0.7	12
63	Functional outcomes and quality of life in patients with subtalar arthrodesis for posttraumatic arthritis. <i>Injury</i> , 2017, 48, 1696-1700.	0.7	11
64	Outcome of trauma-related emergency laparotomies, in an era of far-reaching specialization. <i>World Journal of Emergency Surgery</i> , 2019, 14, 40.	2.1	11
65	A 5-Year Evaluation of the Implementation of Triple Diagnostics for Early Detection of Severe Necrotizing Soft Tissue Disease: A Single-Center Cohort Study. <i>World Journal of Surgery</i> , 2019, 43, 1898-1905.	0.8	11
66	Epidural Analgesia for Severe Chest Trauma: An Analysis of Current Practice on the Efficacy and Safety. <i>Critical Care Research and Practice</i> , 2019, 2019, 1-7.	0.4	11
67	Hospital evacuation: Exercise versus reality. <i>Injury</i> , 2016, 47, 2012-2017.	0.7	10
68	Differences in Classification Between Mono- and Polytrauma and Low- and High-Energy Trauma Patients With an Ankle Fracture: A Retrospective Cohort Study. <i>Journal of Foot and Ankle Surgery</i> , 2017, 56, 793-796.	0.5	10
69	A cohort study to evaluate infection prevention protocol in pediatric trauma patients with blunt splenic injury in a Dutch level 1 trauma center. <i>Patient Preference and Adherence</i> , 2018, Volume 12, 1607-1617.	0.8	10
70	Predictors of surgical management of high grade blunt splenic injuries in adult trauma patients: a 5-year retrospective cohort study from an academic level I trauma center. <i>Patient Safety in Surgery</i> , 2020, 14, 32.	1.1	10
71	Blunt thoracic aortic injury and TEVAR: long-term outcomes and health-related quality of life. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 1961-1973.	0.8	10
72	An increase in CD62L ^{dim} neutrophils precedes the development of pulmonary embolisms in COVID-19 patients. <i>Scandinavian Journal of Immunology</i> , 2021, 93, e13023.	1.3	10

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73	Incidence and mortality of necrotizing fasciitis in The Netherlands: the impact of group A Streptococcus. <i>BMC Infectious Diseases</i> , 2021, 21, 1217.	1.3	10
74	The effect of early broad-spectrum versus delayed narrow-spectrum antibiotic therapy on the primary cure rate of acute infection after osteosynthesis. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 1341-1350.	0.8	9
75	Pelvic packing and angio-embolization after blunt pelvic trauma: a retrospective 18-year analysis. <i>Injury</i> , 2021, 52, 946-955.	0.7	9
76	Analysis of human neutrophil phenotypes as biomarker to monitor exercise-induced immune changes. <i>Journal of Leukocyte Biology</i> , 2021, 109, 833-842.	1.5	9
77	The Impact of Intramedullary Nailing of Tibia Fractures on the Innate Immune System. <i>Shock</i> , 2015, 44, 209-214.	1.0	8
78	Getting it Right the First Time: Frozen Sections for Diagnosing Necrotizing Soft Tissue Infections. <i>World Journal of Surgery</i> , 2021, 45, 148-159.	0.8	8
79	Study methodology in trauma care: towards question-based study designs. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 479-484.	0.8	8
80	New automated analysis to monitor neutrophil function point-of-care in the intensive care unit after trauma. <i>Intensive Care Medicine Experimental</i> , 2020, 8, 12.	0.9	8
81	Comparing fracture healing disorders and long-term functional outcome of polytrauma patients and patients with an isolated displaced midshaft clavicle fracture. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 42-48.	1.2	7
82	Foot fractures in polytrauma patients: Injury characteristics and timing of diagnosis. <i>Injury</i> , 2018, 49, 1233-1237.	0.7	7
83	In-house versus on-call trauma surgeon coverage: A systematic review and meta-analysis. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 91, 435-444.	1.1	7
84	Penetrating thorax injury leads to mild systemic activation of neutrophils without inflammatory complications. <i>Injury</i> , 2014, 45, 522-527.	0.7	6
85	Assessment of the intermediate care unit triage system. <i>Trauma Surgery and Acute Care Open</i> , 2018, 3, e000178.	0.8	6
86	Introducing high-flow nasal cannula oxygen therapy at the intermediate care unit: expanding the range of supportive pulmonary care. <i>Trauma Surgery and Acute Care Open</i> , 2018, 3, e000179.	0.8	6
87	Attenuation of MODS-related and ARDS-related mortality makes infectious complications a remaining challenge in the severely injured. <i>Trauma Surgery and Acute Care Open</i> , 2020, 5, e000398.	0.8	6
88	Refractory neutrophils and monocytes in patients with inflammatory bowel disease after repeated bouts of prolonged exercise. <i>Cytometry Part B - Clinical Cytometry</i> , 2021, 100, 676-682.	0.7	6
89	Pitfalls in gastrointestinal permeability measurement in ICU patients. <i>Intensive Care Medicine</i> , 2007, 33, 2216-2216.	3.9	5
90	Injury-related variation in patient-reported outcome after musculoskeletal trauma: a systematic review. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 777-787.	0.8	5

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91	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. PLoS ONE, 2020, 15, e0236596.	1.1	5
92	Recognizing the mobilization of neutrophils with banded nuclei early after trauma. International Journal of Laboratory Hematology, 2020, 42, e224-e227.	0.7	5
93	Necrotizing Soft Tissue Infections, the Challenge Remains. Frontiers in Surgery, 2021, 8, 721214.	0.6	5
94	Physiology dictated treatment after severe trauma: timing is everything. European Journal of Trauma and Emergency Surgery, 2022, 48, 3969-3979.	0.8	5
95	An increase in myeloid cells after severe injury is associated with normal fracture healing: a retrospective study of 62 patients with a femoral fracture. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 89, 585-590.	1.2	4
96	Management strategies and outcome of blunt traumatic abdominal wall defects: a single centre experience. Injury, 2019, 50, 1516-1521.	0.7	4
97	Treatment of a Scientifically Neglected Ankle Injury: The Isolated Medial Malleolar Fracture. A Systematic Review. Journal of Foot and Ankle Surgery, 2019, 58, 959-968.	0.5	4
98	Dilemma of crystalloid resuscitation in non-exsanguinating polytrauma: what is too much?. Trauma Surgery and Acute Care Open, 2020, 5, e000593.	0.8	4
99	Association of Patient-reported Outcomes With Clinical Outcomes After Distal Humerus Fracture Treatment. Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews, 2020, 4, e19.00122.	0.4	4
100	Underlying disease determines the risk of an open abdomen treatment, final closure, however, is determined by the surgical abdominal history. European Journal of Trauma and Emergency Surgery, 2021, 47, 113-120.	0.8	4
101	Blunt popliteal artery injury following tibiofemoral trauma: vessel-first and bone-first strategy. European Journal of Trauma and Emergency Surgery, 2022, 48, 1045-1053.	0.8	4
102	What trauma patients need: the European dilemma. European Journal of Trauma and Emergency Surgery, 0, , .	0.8	4
103	Similar change in platelets and leucocytes 24h after injury is associated with septic shock a week later. ANZ Journal of Surgery, 2017, 87, 190-194.	0.3	3
104	Optimizing critical care of the trauma patient at the intermediate care unit: a cost-efficient approach. Trauma Surgery and Acute Care Open, 2018, 3, e000228.	0.8	3
105	Predicting early deterioration of admitted patients at the Intermediate Care Unit. Journal of Critical Care, 2018, 48, 97-103.	1.0	3
106	Inclusion of All Patients Admitted for Trauma in Trauma Registries. JAMA Surgery, 2020, 155, 264.	2.2	3
107	Open Versus Closed Operative Treatment for Tongue-Type Calcaneal Fractures: Case Series and Literature Review. Journal of Foot and Ankle Surgery, 2020, 59, 264-268.	0.5	3
108	Joint management format at the mixed-surgical intermediate care unit: an interrupted time series analysis. Trauma Surgery and Acute Care Open, 2018, 3, e000177.	0.8	2

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109	Survival and Health-Related Quality of Life after Hospitalization for Necrotizing Soft Tissue Infections of the Upper Extremity: A Long-Term Outcome Study. <i>Journal of Hand and Microsurgery</i> , 2022, 14, 188-196.	0.1	2
110	The use of patient-reported outcome measures in the literature on traumatic foot fractures: A systematic review. <i>Injury</i> , 2022, 53, 2366-2372.	0.7	2
111	The Impact of Resident Involvement on Outcomes and Costs in Elective Hand and Upper Extremity Surgery. <i>Journal of Hand Surgery</i> , 2023, 48, 788-795.	0.7	2
112	A Proposal for an Intermediate Care Unit-Quality Measurement Framework. <i>Critical Care Research and Practice</i> , 2018, 2018, 1-7.	0.4	1
113	Three-Dimensional Manufacturing of Personalized Implants in Orthopedic Trauma Surgery—Feasible Future or Fake News?. <i>JAMA Network Open</i> , 2021, 4, e210149.	2.8	1
114	Surgical airway procedures in emergency surgical patients: Results of what has become a backâ€up procedure. <i>World Journal of Surgery</i> , 2021, 45, 2683-2693.	0.8	1
115	The impact of operative time on the outcomes of necrotizing soft tissue infections: a multicenter cohort study. <i>BMC Surgery</i> , 2022, 22, 3.	0.6	1
116	Describing Characteristics and Differences of Neutrophils in Sepsis, Trauma, and Control Patients in Routinely Measured Hematology Data. <i>Biomedicines</i> , 2022, 10, 633.	1.4	1
117	Analysis of two treatment modalities for the prevention of vomiting after trauma: Orogastric tube or anti-emetics. <i>Injury</i> , 2017, 48, 2106-2111.	0.7	0
118	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. , 2020, 15, e0236596.		0
119	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. , 2020, 15, e0236596.		0
120	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. , 2020, 15, e0236596.		0
121	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. , 2020, 15, e0236596.		0
122	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. , 2020, 15, e0236596.		0
123	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. , 2020, 15, e0236596.		0