

Herbert SchÄjchl

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

5,855
citations

94381

37
h-index

74108

75
g-index

90
all docs

90
docs citations

90
times ranked

3209
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of DOAC plasma concentration on perioperative blood loss and transfusion requirements in patients with hip fractures. <i>European Journal of Trauma and Emergency Surgery</i> , 2023, 49, 165-172.	0.8	3
2	Variations and obstacles in the use of coagulation factor concentrates for major trauma bleeding across Europe: outcomes from a European expert meeting. <i>European Journal of Trauma and Emergency Surgery</i> , 2022, 48, 763-774.	0.8	15
3	Thromboelastometry fails to detect autoheparinization after major trauma and hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 92, 535-541.	1.1	3
4	Multiplate Platelet Function Testing upon Emergency Room Admission Fails to Provide Useful Information in Major Trauma Patients Not on Platelet Inhibitors. <i>Journal of Clinical Medicine</i> , 2022, 11, 2578.	1.0	5
5	Operability of a Resonance-Based Viscoelastic Haemostatic Analyzer in the High-Vibration Environment of Air Medical Transport. <i>Journal of Clinical Medicine</i> , 2022, 11, 3630.	1.0	2
6	Factor XIII Measurement and Substitution in Trauma Patients after Admission to an Intensive Care Unit. <i>Journal of Clinical Medicine</i> , 2022, 11, 4174.	1.0	3
7	Trauma-Induced Coagulopathy and Massive Bleeding: Current Hemostatic Concepts and Treatment Strategies. <i>Hamostaseologie</i> , 2021, 41, 307-315.	0.9	10
8	Global Characterisation of Coagulopathy in Isolated Traumatic Brain Injury (iTBI): A CENTER-TBI Analysis. <i>Neurocritical Care</i> , 2021, 35, 184-196.	1.2	21
9	Idarucizumab in major trauma patients: a single centre real life experience. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 589-595.	0.8	11
10	Trauma-induced coagulopathy. <i>Nature Reviews Disease Primers</i> , 2021, 7, 30.	18.1	300
11	Getting hit by the bus around the world – a global perspective on goal directed treatment of massive hemorrhage in trauma. <i>Current Opinion in Anaesthesiology</i> , 2021, 34, 537-543.	0.9	2
12	Pathophysiology of Trauma-Induced Coagulopathy. <i>Transfusion Medicine Reviews</i> , 2021, 35, 80-86.	0.9	20
13	Impact of Idarucizumab and Andexanet Alfa on DOAC Plasma Concentration and ClotPro® Clotting Time: An Ex Vivo Spiking Study in A Cohort of Trauma Patients. <i>Journal of Clinical Medicine</i> , 2021, 10, 3476.	1.0	10
14	Use of Thromboelastography in the Evaluation and Management of Patients With Traumatic Brain Injury: A Systematic Review and Meta-Analysis. , 2021, 3, e0526.		24
15	Efficacy of prehospital administration of fibrinogen concentrate in trauma patients bleeding or presumed to bleed (FlinTIC). <i>European Journal of Anaesthesiology</i> , 2021, 38, 348-357.	0.7	43
16	Fibrinogen Assays. , 2021, , 271-278.		0
17	Pathophysiological Response to Trauma-Induced Coagulopathy: A Comprehensive Review. <i>Anesthesia and Analgesia</i> , 2020, 130, 654-664.	1.1	49
18	Sufficient Thrombin Generation Despite 95% Hemodilution: An In Vitro Experimental Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3805.	1.0	13

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19	Comparison of fresh frozen plasma vs. coagulation factor concentrates for reconstitution of blood. <i>European Journal of Anaesthesiology</i> , 2020, 37, 879-888.	0.7	15
20	Effectiveness of prothrombin complex concentrate for the treatment of bleeding: A systematic review and meta-analysis. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 2457-2467.	1.9	36
21	Postponing intubation in spontaneously breathing major trauma patients upon emergency room admission does not impair outcome. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2019, 27, 80.	1.1	4
22	Effect of Coagulation Factor Concentrates on Markers of Endothelial Cell Damage in Experimental Hemorrhagic Shock. <i>Shock</i> , 2019, 52, 497-505.	1.0	10
23	Diagnostic and therapeutic approach in adult patients with traumatic brain injury receiving oral anticoagulant therapy: an Austrian interdisciplinary consensus statement. <i>Critical Care</i> , 2019, 23, 62.	2.5	50
24	Comparison between the new fully automated viscoelastic coagulation analysers TEG 6s and ROTEM Sigma in trauma patients. <i>European Journal of Anaesthesiology</i> , 2019, 36, 834-842.	0.7	38
25	Prothrombin Complex Concentrate-induced Disseminated Intravascular Coagulation Can Be Prevented by Coadministering Antithrombin in a Porcine Trauma Model. <i>Anesthesiology</i> , 2019, 131, 543-554.	1.3	18
26	Evaluation of combined idarucizumab and prothrombin complex concentrate treatment for bleeding related to dabigatran in a lethal porcine model of double trauma. <i>Transfusion</i> , 2019, 59, 1376-1387.	0.8	5
27	Comment on "Pre-hospital emergency anaesthesia in awake hypotensive trauma patients: Beneficial or detrimental?" by Crewdson et al <i>Acta Anaesthesiol Scand</i> 2018; 62: 504-514. <i>Acta Anaesthesiologica Scandinavica</i> , 2019, 63, 139-139.	0.7	1
28	Impact of Direct Oral Anticoagulants in Patients With Hip Fractures. <i>Journal of Orthopaedic Trauma</i> , 2019, 33, e8-e13.	0.7	43
29	S(+)-ketamine. <i>Wiener Klinische Wochenschrift</i> , 2018, 130, 356-366.	1.0	63
30	The impact of direct oral anticoagulants in traumatic brain injury patients greater than 60-years-old. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2018, 26, 20.	1.1	64
31	Tranexamic acid for treatment and prophylaxis of bleeding and hyperfibrinolysis. <i>Wiener Klinische Wochenschrift</i> , 2017, 129, 303-316.	1.0	111
32	Concentrated lyophilized plasma used for reconstitution of whole blood leads to higher coagulation factor activity but unchanged thrombin potential compared with fresh frozen plasma. <i>Transfusion</i> , 2017, 57, 1763-1771.	0.8	7
33	Endothelial Cell-derived Extracellular Vesicles Size-dependently Exert Procoagulant Activity Detected by Thromboelastometry. <i>Scientific Reports</i> , 2017, 7, 3707.	1.6	30
34	Hemotherapy algorithm for the management of trauma-induced coagulopathy. <i>Current Opinion in Anaesthesiology</i> , 2017, 30, 257-264.	0.9	22
35	The research agenda for trauma critical care. <i>Intensive Care Medicine</i> , 2017, 43, 1340-1351.	3.9	32
36	Potential role of platelet-leukocyte aggregation in trauma-induced coagulopathy. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, 921-926.	1.1	11

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37	Coagulopathy and haemorrhagic progression in traumatic brain injury: advances in mechanisms, diagnosis, and management. <i>Lancet Neurology</i> , The, 2017, 16, 630-647.	4.9	222
38	Dual inhibition of thrombin and activated factor X attenuates disseminated intravascular coagulation and protects organ function in a baboon model of severe Gram-negative sepsis. <i>Critical Care</i> , 2017, 21, 51.	2.5	12
39	Is "Thrombin Burst" Now the Worst Option in Trauma?. <i>Shock</i> , 2017, 47, 780-781.	1.0	3
40	Direct Oral Anticoagulants in Emergency Trauma Admissions. <i>Deutsches Arzteblatt International</i> , 2016, 113, 575-82.	0.6	35
41	Fixed ratio versus goal-directed therapy in trauma. <i>Current Opinion in Anaesthesiology</i> , 2016, 29, 234-244.	0.9	31
42	Comparing the viscoelastomeric fibrin polymerization assays FIBTEM® (ROTEM) vs. Functional Fibrinogen® (TEG): or why is a higher threshold for fibrinogen substitution better than a lower one?. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, e275-6.	1.4	2
43	Platelet function in baboons and humans " A comparative study of whole blood using impedance platelet aggregometry (Multiplate®). <i>Thrombosis Research</i> , 2016, 147, 115-121.	0.8	4
44	Fibrinogen Assays. , 2016, , 227-235.		3
45	Fibrinogen levels in trauma patients during the first seven days after fibrinogen concentrate therapy: a retrospective study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2016, 24, 29.	1.1	38
46	Effect of coagulation factor concentrate administration on ROTEM® parameters in major trauma. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2015, 23, 84.	1.1	46
47	Can the Viscoelastic Parameter Î±-Angle Distinguish Fibrinogen from Platelet Deficiency and Guide Fibrinogen Supplementation?. <i>Anesthesia and Analgesia</i> , 2015, 121, 289-301.	1.1	45
48	Preferential effects of low volume versus high volume replacement with crystalloid fluid in a hemorrhagic shock model in pigs. <i>BMC Anesthesiology</i> , 2015, 15, 133.	0.7	14
49	Rapid measurement of fibrinogen concentration in whole blood using a steel ball coagulometer. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 830-836.	1.1	21
50	Assessing the Methodology for Calculating Platelet Contribution to Clot Strength (Platelet) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 T 868-878.	1.1	115
51	Injectable hemostatic adjuncts in trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, S76-S82.	1.1	32
52	Comparison of fibrin-based clot elasticity parameters measured by free oscillation rheometry (ReoRox®) versus thromboelastometry (ROTEM®). <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2015, 75, 239-246.	0.6	18
53	Endogenous thrombin potential following hemostatic therapy with 4-factor prothrombin complex concentrate: a 7-day observational study of trauma patients. <i>Critical Care</i> , 2014, 18, R147.	2.5	95
54	The Effectiveness of Different Functional Fibrinogen Polymerization Assays in Eliminating Platelet Contribution to Clot Strength in Thromboelastometry. <i>Anesthesia and Analgesia</i> , 2014, 118, 269-276.	1.1	91

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55	Tranexamic Acid, Fibrinogen Concentrate, and Prothrombin Complex Concentrate. <i>Shock</i> , 2014, 41, 44-46.	1.0	38
56	Recovery of fibrinogen concentrate after intraosseous application is equivalent to the intravenous route in a porcine model of hemodilution. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 76, 1235-1242.	1.1	13
57	Trauma Bleeding Management. <i>Anesthesia and Analgesia</i> , 2014, 119, 1064-1073.	1.1	61
58	Letter. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 77, 1003.	1.1	3
59	Estimation of plasma fibrinogen levels based on hemoglobin, base excess and Injury Severity Score upon emergency room admission. <i>Critical Care</i> , 2013, 17, R137.	2.5	78
60	Management of Hemorrhage in Trauma. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013, 27, S35-S43.	0.6	25
61	Impact of fibrinogen concentrate alone or with prothrombin complex concentrate (+/- fresh frozen) Tj ETQq1 1 0.784314 rgBT /Overlo retrospective study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2013, 21, 74.	1.1	54
62	Impact of Fibrinogen Levels on Outcomes after Acute Injury in Patients Requiring a Massive Transfusion. <i>Journal of the American College of Surgeons</i> , 2013, 216, 290-297.	0.2	138
63	A novel coagulation assay incorporating adherent endothelial cells in thromboelastometry. <i>Thrombosis and Haemostasis</i> , 2013, 109, 869-877.	1.8	27
64	FIBTEM PLUS Provides an Improved Thromboelastometry Test for Measurement of Fibrin-Based Clot Quality in Cardiac Surgery Patients. <i>Anesthesia and Analgesia</i> , 2013, 117, 1054-1062.	1.1	39
65	Severe Pediatric Blunt Trauma – Successful ROTEM-Guided Hemostatic Therapy With Fibrinogen Concentrate and No Administration of Fresh Frozen Plasma or Platelets. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2013, 19, 453-459.	0.7	32
66	Thromboelastometric Maximum Clot Firmness in Platelet-Free Plasma Is Influenced by the Assay Used. <i>Anesthesia and Analgesia</i> , 2013, 117, 23-29.	1.1	18
67	Potential value of pharmacological protocols in trauma. <i>Current Opinion in Anaesthesiology</i> , 2013, 26, 221-229.	0.9	35
68	Practical application of point-of-care coagulation testing to guide treatment decisions in trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2013, 74, 1587-1598.	1.1	91
69	Effect of haematocrit on fibrin-based clot firmness in the FIBTEM test. <i>Blood Transfusion</i> , 2013, 11, 412-8.	0.3	47
70	The effect of fibrinogen concentrate and factor XIII on thromboelastometry in 33% diluted blood with albumin, gelatine, hydroxyethyl starch or saline in vitro. <i>Blood Transfusion</i> , 2013, 11, 510-7.	0.3	51
71	Reduction of Fresh Frozen Plasma Requirements by Perioperative Point-of-Care Coagulation Management with Early Calculated Goal-Directed Therapy. <i>Transfusion Medicine and Hemotherapy</i> , 2012, 39, 104-113.	0.7	193
72	Comparison of Whole Blood Fibrin-Based Clot Tests in Thrombelastography and Thromboelastometry. <i>Anesthesia and Analgesia</i> , 2012, 114, 721-730.	1.1	98

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73	The Acute Coagulopathy of Trauma. Shock, 2012, 38, 450-458.	1.0	76
74	Hyperfibrinolysis at admission is an uncommon but highly lethal event associated with shock and prehospital fluid administration. Journal of Trauma and Acute Care Surgery, 2012, 73, 365-370.	1.1	232
75	Hyperfibrinolysis Elicited via Thromboelastography Predicts Mortality in Trauma. Journal of the American College of Surgeons, 2012, 215, 496-502.	0.2	139
76	Similarities in Thromboelastometric (ROTEM®) Findings between Humans and Baboons. Thrombosis Research, 2012, 130, e107-e112.	0.8	18
77	Early and individualized goal-directed therapy for trauma-induced coagulopathy. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2012, 20, 15.	1.1	187
78	Transfusion in trauma: thromboelastometry-guided coagulation factor concentrate-based therapy versus standard fresh frozen plasma-based therapy. Critical Care, 2011, 15, R83.	2.5	361
79	FIBTEM provides early prediction of massive transfusion in trauma. Critical Care, 2011, 15, R265.	2.5	263
80	Thromboelastometry (TEM®) Findings in Disseminated Intravascular Coagulation in a Pig Model of Endotoxemia. Molecular Medicine, 2011, 17, 266-272.	1.9	47
81	Platelet function following trauma. Thrombosis and Haemostasis, 2011, 106, 322-330.	1.8	206
82	A comparison of fibrinogen measurement methods with fibrin clot elasticity assessed by thromboelastometry, before and after administration of fibrinogen concentrate in cardiac surgery patients. Transfusion, 2011, 51, 1695-1706.	0.8	96
83	The impact of fresh frozen plasma vs coagulation factor concentrates on morbidity and mortality in trauma-associated haemorrhage and massive transfusion. Injury, 2011, 42, 697-701.	0.7	154
84	Thromboelastometric (ROTEM) Findings in Patients Suffering from Isolated Severe Traumatic Brain Injury. Journal of Neurotrauma, 2011, 28, 2033-2041.	1.7	112
85	Potential of whole blood coagulation reconstitution by desmopressin and fibrinogen under conditions of hypothermia and acidosis – an <i>in vitro</i> study using rotation thrombelastometry. Scandinavian Journal of Clinical and Laboratory Investigation, 2011, 71, 292-298.	0.6	42
86	High-dose fibrinogen concentrate for haemostatic therapy of a major trauma patient with recent clopidogrel and aspirin intake. Scandinavian Journal of Clinical and Laboratory Investigation, 2010, 70, 453-457.	0.6	36
87	Goal-directed coagulation management of major trauma patients using thromboelastometry (ROTEM®)-guided administration of fibrinogen concentrate and prothrombin complex concentrate. Critical Care, 2010, 14, R55.	2.5	582
88	Hyperfibrinolysis After Major Trauma: Differential Diagnosis of Lysis Patterns and Prognostic Value of Thrombelastometry. Journal of Trauma, 2009, 67, 125-131.	2.3	335