

Klaus Grlinger

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

1,726
citations

16
h-index

35
g-index

35
ext. papers

2,093
ext. citations

3.8
avg, IF

4.6
L-index

#	Paper	IF	Citations
33	Point-of-care testing: a prospective, randomized clinical trial of efficacy in coagulopathic cardiac surgery patients. <i>Anesthesiology</i> , 2012 , 117, 531-47	4.3	458
32	First-line therapy with coagulation factor concentrates combined with point-of-care coagulation testing is associated with decreased allogeneic blood transfusion in cardiovascular surgery: a retrospective, single-center cohort study. <i>Anesthesiology</i> , 2011 , 115, 1179-91	4.3	363
31	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	4.2	162
30	Management of hemorrhage in cardiothoracic surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013 , 27, S20-34	2.1	104
29	Coagulation management with factor concentrates in liver transplantation: a single-center experience. <i>Transfusion</i> , 2014 , 54, 2760-8	2.9	86
28	Perioperative Coagulation Management and Control of Platelet Transfusion by Point-of-Care Platelet Function Analysis. <i>Transfusion Medicine and Hemotherapy</i> , 2007 , 34, 396-411	4.2	71
27	Comparison of thromboelastometry with procalcitonin, interleukin 6, and C-reactive protein as diagnostic tests for severe sepsis in critically ill adults. <i>Critical Care</i> , 2010 , 14, R178	10.8	67
26	The role of evidence-based algorithms for rotational thromboelastometry-guided bleeding management. <i>Korean Journal of Anesthesiology</i> , 2019 , 72, 297-322	3.8	59
25	Comparison of thromboelastometry with simplified acute physiology score II and sequential organ failure assessment scores for the prediction of 30-day survival: a cohort study. <i>Shock</i> , 2011 , 35, 339-42	3.4	55
24	Whole blood impedance aggregometry as a biomarker for the diagnosis and prognosis of severe sepsis. <i>Critical Care</i> , 2012 , 16, R204	10.8	50
23	Preoperative Thromboelastometry as a Predictor of Transfusion Requirements during Adult Living Donor Liver Transplantation. <i>Transfusion Medicine and Hemotherapy</i> , 2015 , 42, 99-108	4.2	39
22	COVID-19-Associated Coagulopathy and Inflammatory Response: What Do We Know Already and What Are the Knowledge Gaps?. <i>Anesthesia and Analgesia</i> , 2020 , 131, 1324-1333	3.9	34
21	Targeted Coagulation Management in Severe Trauma: The Controversies and the Evidence. <i>Anesthesia and Analgesia</i> , 2016 , 123, 910-24	3.9	34
20	Novel approaches in management of perioperative coagulopathy. <i>Current Opinion in Anaesthesiology</i> , 2014 , 27, 72-80	2.9	31
19	Assessment of early thromboelastometric variables from extrinsically activated assays with and without aprotinin for rapid detection of fibrinolysis. <i>Anesthesia and Analgesia</i> , 2014 , 119, 533-542	3.9	29
18	Perioperative Thromboelastometry for Adult Living Donor Liver Transplant Recipients with a Tendency to Hypercoagulability: A Prospective Observational Cohort Study. <i>Transfusion Medicine and Hemotherapy</i> , 2018 , 45, 404-412	4.2	16
17	Monitoring of argatroban and lepirudin anticoagulation in critically ill patients by conventional laboratory parameters and rotational thromboelastometry - a prospectively controlled randomized double-blind clinical trial. <i>BMC Anesthesiology</i> , 2018 , 18, 18	2.4	15

16	Platelet Reactivity in Patients on Aspirin and Clopidogrel Therapy Measured by a New Bedside Whole-Blood Assay. <i>Journal of Cardiovascular Pharmacology</i> , 2019 , 73, 40-47	3.1	10
15	The role of rotational thromboelastometry during the COVID-19 pandemic: a narrative review. <i>Korean Journal of Anesthesiology</i> , 2021 , 74, 91-102	3.8	9
14	Real-time detection and differentiation of direct oral anticoagulants (rivaroxaban and dabigatran) using modified thromboelastometric reagents. <i>Thrombosis Research</i> , 2020 , 190, 103-111	8.2	6
13	Association among Clopidogrel Cessation, Platelet Function, and Bleeding in Coronary Bypass Surgery: An Observational Trial. <i>Thoracic and Cardiovascular Surgeon</i> , 2021 , 69, 630-638	1.6	4
12	Introduction of thromboelastometry-guided administration of fresh-frozen plasma is associated with decreased allogeneic blood transfusions and post-operative blood loss in cardiopulmonary-bypass surgery. <i>Blood Transfusion</i> , 2018 , 16, 244-252	3.6	4
11	Hyper- and hypocoagulability in COVID-19 as assessed by thromboelastometry -two case reports. <i>Korean Journal of Anesthesiology</i> , 2021 , 74, 350-354	3.8	4
10	Paving the way for E-vita open NEO hybrid prosthesis implantation for complex aortic arch disease in Asia-Pacific. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 3963-3967	1.3	3
9	Monitoring of COVID-19-Associated Coagulopathy and Anticoagulation with Thromboelastometry. <i>Transfusion Medicine and Hemotherapy</i> , 2021 , 48, 168-172	4.2	3
8	Patient blood management in India - Review of current practices and feasibility of applying appropriate standard of care guidelines. A position paper by an interdisciplinary expert group. <i>Journal of Anaesthesiology Clinical Pharmacology</i> , 2021 , 37, 3-13	1.3	2
7	Simulated Hypergravity Activates Hemostasis in Healthy Volunteers. <i>Journal of the American Heart Association</i> , 2020 , 9, e016479	6	1
6	Biomarkers versus viscoelastic testing for the detection of fibrinolysis. <i>ANZ Journal of Surgery</i> , 2020 , 90, 411-412	1	1
5	Rotational Thromboelastometry (ROTEM [®]) 2021 , 279-312		1
4	Bleeding risk stratification in coronary artery surgery: the should-not-bleed score. <i>Journal of Cardiothoracic Surgery</i> , 2021 , 16, 103	1.6	1
3	Bleeding Related to Liver Transplant 2021 , 339-359		0
2	Point-of-care detection and differentiation of anticoagulant therapy - development of thromboelastometry-guided decision-making support algorithms. <i>Thrombosis Journal</i> , 2021 , 19, 63	5.6	0
1	Utility of Platelet Function Testing in Cardiac Surgery in 2021. <i>Journal of Cardiac Critical Care TSS</i> , 2021 , 5, 084-087	0.3	