

Stefan K Beckers

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,561
citations

236925

25
h-index

214800

47
g-index

117
all docs

117
docs citations

117
times ranked

2443
citing authors

#	ARTICLE	IF	CITATIONS
1	EuReCa ONEâ€”27 Nations, ONE Europe, ONE Registry. Resuscitation, 2016, 105, 188-195.	3.0	612
2	Education, Implementation, and Teams: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Circulation, 2020, 142, S222-S283.	1.6	97
3	Feasibility of Prehospital Teleconsultation in Acute Stroke â€” A Pilot Study in Clinical Routine. PLoS ONE, 2012, 7, e36796.	2.5	91
4	New visual feedback device improves performance of chest compressions by professionals in simulated cardiac arrest. Resuscitation, 2010, 81, 53-58.	3.0	86
5	Education, Implementation, and Teams. Resuscitation, 2020, 156, A188-A239.	3.0	80
6	Technical and organisational feasibility of a multifunctional telemedicine system in an emergency medical service â€” an observational study. Journal of Telemedicine and Telecare, 2011, 17, 371-377.	2.7	75
7	Implementation phase of a multicentre prehospital telemedicine system to support paramedics: feasibility and possible limitations. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2013, 21, 54.	2.6	74
8	CPREzyâ„¢ improves performance of external chest compressions in simulated cardiac arrest. Resuscitation, 2007, 72, 100-107.	3.0	73
9	Comparison of physician staffed emergency teams with paramedic teams assisted by telemedicine â€” a randomized, controlled simulation study. Resuscitation, 2013, 84, 85-92.	3.0	65
10	Technical Support by Smart Glasses During a Mass Casualty Incident: A Randomized Controlled Simulation Trial on Technically Assisted Triage and Telemedical App Use in Disaster Medicine. Journal of Medical Internet Research, 2019, 21, e11939.	4.3	51
11	Improved technical performance of a multifunctional prehospital telemedicine system between the research phase and the routine use phase â€” an observational study. Journal of Telemedicine and Telecare, 2017, 23, 402-409.	2.7	49
12	Impact of Helicopter Emergency Medical Service in Traumatized Patients: Which Patient Benefits Most?. PLoS ONE, 2016, 11, e0146897.	2.5	48
13	Cortisol and alpha-amylase as stress response indicators during pre-hospital emergency medicine training with repetitive high-fidelity simulation and scenarios with standardized patients. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2015, 23, 31.	2.6	46
14	Arthroscopy or ultrasound in undergraduate anatomy education: a randomized cross-over controlled trial. BMC Medical Education, 2012, 12, 85.	2.4	45
15	Employment of Telemedicine in Emergency Medicine. Methods of Information in Medicine, 2014, 53, 99-107.	1.2	45
16	Analgesia by telemedically supported paramedics compared with physicianâ€”administered analgesia: A prospective, interventional, multicentre trial. European Journal of Pain, 2016, 20, 1176-1184.	2.8	45
17	Minimal instructions improve the performance of laypersons in the use of semiautomatic and automatic external defibrillators. Critical Care, 2005, 9, R110.	5.8	41
18	Retention of skills in medical students following minimal theoretical instructions on semi and fully automated external defibrillators. Resuscitation, 2007, 72, 444-450.	3.0	41

#	ARTICLE	IF	CITATIONS
19	Teleconsultation in pre-hospital emergency medical services: Real-time telemedical support in a prospective controlled simulation study. <i>Resuscitation</i> , 2012, 83, 626-632.	3.0	37
20	Blood pressure management and guideline adherence in hypertensive emergencies and urgencies: A comparison between telemedically supported and conventional out-of-hospital care. <i>Journal of Clinical Hypertension</i> , 2017, 19, 704-712.	2.0	34
21	Evaluation of a newly developed media-supported 4-step approach for basic life support training. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2012, 20, 37.	2.6	33
22	Utilization, Safety, and Technical Performance of a Telemedicine System for Prehospital Emergency Care: Observational Study. <i>Journal of Medical Internet Research</i> , 2019, 21, e14907.	4.3	30
23	Treatment of Acute Coronary Syndrome by Telemedically Supported Paramedics Compared With Physician-Based Treatment: A Prospective, Interventional, Multicenter Trial. <i>Journal of Medical Internet Research</i> , 2016, 18, e314.	4.3	28
24	Telemedical support for prehospital Emergency Medical Service (TEMS trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 43.	1.6	26
25	Quality of analgesia in physician-operated telemedical prehospital emergency care is comparable to physician-based prehospital care - a retrospective longitudinal study. <i>Scientific Reports</i> , 2017, 7, 1536.	3.3	26
26	Is paper-based documentation in an emergency medical service adequate for retrospective scientific analysis? An evaluation of a physician-run service. <i>Emergency Medicine Journal</i> , 2011, 28, 320-324.	1.0	25
27	Influence of learning styles on the practical performance after the four-step basic life support training approach – An observational cohort study. <i>PLoS ONE</i> , 2017, 12, e0178210.	2.5	23
28	Practical skills training influences knowledge and attitude of dental students towards emergency medical care. <i>European Journal of Dental Education</i> , 2012, 16, 179-186.	2.0	22
29	Undergraduate medical education in emergency medical care: A nationwide survey at German medical schools. <i>BMC Emergency Medicine</i> , 2009, 9, 7.	1.9	21
30	Evaluation of a new approach to implement structured, evidence-based emergency medical care in undergraduate medical education in Germany. <i>Resuscitation</i> , 2005, 65, 345-356.	3.0	20
31	Resuscitation training in small-group setting – gender matters. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2013, 21, 30.	2.6	18
32	Tele-EMS physicians improve life-threatening conditions during prehospital emergency missions. <i>Scientific Reports</i> , 2021, 11, 14366.	3.3	18
33	Comparing the diagnostic concordance of tele-EMS and on-site-EMS physicians in emergency medical services: a retrospective cohort study. <i>Scientific Reports</i> , 2020, 10, 17982.	3.3	16
34	External chest compressions using a mechanical feedback device. <i>Der Anaesthetist</i> , 2011, 60, 717-722.	1.2	15
35	Influence of pre-course assessment using an emotionally activating stimulus with feedback: A pilot study in teaching Basic Life Support. <i>Resuscitation</i> , 2012, 83, 219-226.	3.0	15
36	Airway and ventilator management in trauma patients. <i>Current Opinion in Critical Care</i> , 2014, 20, 626-631.	3.2	13

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37	Subjective safety and self-confidence in prehospital trauma care and learning progress after trauma-courses: part of the prospective longitudinal mixed-methods EPPTC-trial. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2017, 25, 79.	2.6	13
38	The intuitive use of laryngeal airway tools by first year medical students. <i>BMC Emergency Medicine</i> , 2009, 9, 18.	1.9	12
39	Implementation of a full-scale prehospital telemedicine system: evaluation of the process and systemic effects in a pre- and post intervention study. <i>BMJ Open</i> , 2021, 11, e041942.	1.9	11
40	Quality of Documentation as a Surrogate Marker for Awareness and Training Effectiveness of PHTLS-Courses. Part of the Prospective Longitudinal Mixed-Methods EPPTC-Trial. <i>PLoS ONE</i> , 2017, 12, e0170004.	2.5	11
41	The effect of paramedic training on pre-hospital trauma care (EPPTC-study): a study protocol for a prospective semi-qualitative observational trial. <i>BMC Medical Education</i> , 2014, 14, 32.	2.4	10
42	Disaster management training in the euregio-meuse-rhine: What can we learn from each other to improve cross-border practices?. <i>International Journal of Disaster Risk Reduction</i> , 2021, 56, 102134.	3.9	10
43	Incidence of cross-border emergency care and outcomes of cardiopulmonary resuscitation in a unique European region. <i>Resuscitation</i> , 2007, 72, 66-73.	3.0	9
44	Comparison of manually triggered ventilation and bag-valve-mask ventilation during cardiopulmonary resuscitation in a manikin model. <i>Resuscitation</i> , 2012, 83, 488-493.	3.0	9
45	Guideline adherence in acute coronary syndromes between telemedically supported paramedics and conventional on-scene physician care: A longitudinal pre- and post intervention cohort study. <i>Health Informatics Journal</i> , 2019, 25, 1528-1537.	2.1	8
46	Comparing apples and oranges â€¦. <i>Critical Care Medicine</i> , 2006, 34, 2263-2264.	0.9	6
47	QUIT EMR trial: a prospective, observational, multicentre study to evaluate quality and 24-hour post-transport morbidity of interhospital transportation of critically ill patients: study protocol. <i>BMJ Open</i> , 2017, 7, e012861.	1.9	6
48	Neurological emergencies as causes of accidents. <i>European Journal of Emergency Medicine</i> , 2005, 12, 151-154.	1.1	5
49	The role of a checklist for assessing the quality of basic life support performance: an observational cohort study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2018, 26, 96.	2.6	5
50	Remote monitoring in emergency medical services. <i>Current Directions in Biomedical Engineering</i> , 2017, 3, 479-481.	0.4	4
51	Performance Assessment of Emergency Teams and Communication in Trauma Care (PERFECT) Tj ETQq1 1 0.784314 rgBT /Overlock 107 prospective longitudinal mixed-methods EPPTC trial. <i>PLoS ONE</i> , 2018, 13, e0202795.	2.5	4
52	Impacts and Lessons Learned of the First Three COVID-19 Waves on Cross-Border Collaboration in the Field of Emergency Medical Services and Interhospital Transports in the Euregio-Meuse-Rhine: A Qualitative Review of Expert Opinions. <i>Frontiers in Public Health</i> , 2022, 10, 841013.	2.7	4
53	No conclusive evidence for association of polymorphisms in the adiponectin receptor 1 gene, AdipoR1, with common obesity. <i>Endocrine</i> , 2013, 43, 120-126.	2.3	3
54	Training Effectiveness and Impact on Safety, Treatment Quality, and Communication in Prehospital Emergency Care: The Prospective Longitudinal Mixed-Methods EPPTC Trial. <i>Journal of Patient Safety</i> , 2022, 18, 71-76.	1.7	3

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55	Comparison of a newly established emotional stimulus approach to a classical assessment-driven approach in BLS training: a randomised controlled trial. <i>BMJ Open</i> , 2018, 8, e017705.	1.9	2
56	Impact of instructor professional background and interim retesting on knowledge and self-confidence of schoolchildren after basic life support training: a cluster randomised longitudinal study. <i>Emergency Medicine Journal</i> , 2019, 36, 239-244.	1.0	2
57	Organisation und Struktur. , 2010, , 3-40.		1
58	Patient safety in undergraduate medical education: Implementation of the topic in the anaesthesiology core curriculum at the University Medical Center Hamburg-Eppendorf. <i>GMS Journal for Medical Education</i> , 2019, 36, Doc12.	0.1	1
59	The QUality of Interhospital Transportation in the Euregion Meuse-Rhine (QUIT-EMR) score: a cross-validation study. <i>BMJ Open</i> , 2021, 11, e051100.	1.9	1
60	Telemedizinische Unterst�tzung. <i>Notarzt</i> , 2021, 37, 346-350.	0.1	1
61	30s of your life for the whole life of someone else. <i>Resuscitation</i> , 2012, 83, e38.	3.0	0
62	IL-6, IL-8 AND TNF-� ARE SIGNIFICANTLY ELEVATED IN PATIENTS WITH A FATAL OUTCOME AFTER CARDIAC ARREST.. <i>Critical Care Medicine</i> , 2005, 33, A18.	0.9	0
63	Hygiene und Arbeitsschutz. , 2010, , 41-57.		0
64	Ausbildungssituation im deutschen Notarztdienst. , 2013, , 167-178.		0
65	�Assessment drives Learning�: Konzepte zur Erfolgs- und Qualit�tskontrolle. , 2013, , 83-92.		0
66	�Assessment drives learning�: Konzepte zur Erfolgs- und Qualit�tskontrolle. , 2018, , 97-109.		0
67	Erfahrungen aus 5 Jahren Telenotfallmedizin in der Region Aachen. , 2020, , 155-170.		0