

Sebastian Bergrath

List of Publications by Year in Descending Order

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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.

22
papers

473
citations

13
h-index

21
g-index

25
ext. papers

582
ext. citations

3.7
avg, IF

3.01
L-index

#	Paper	IF	Citations
22	Implementation of a full-scale prehospital telemedicine system: evaluation of the process and systemic effects in a pre-post intervention study. <i>BMJ Open</i> , 2021 , 11, e041942	3	3
21	Short-term outcome and characteristics of critical care for nontrauma patients in the emergency department. <i>Der Anaesthesist</i> , 2021 , 1	2.2	0
20	Impact of the COVID-19 pandemic on emergency medical resources : An observational multicenter study including all hospitals in a major urban center of the Rhein-Ruhr metropolitan region. <i>Der Anaesthesist</i> , 2021 , 1	2.2	0
19	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	4.9	5
18	Characteristics and Unexpected COVID-19 Diagnoses in Resuscitation Room Patients during the COVID-19 Outbreak-A Retrospective Case Series. <i>BioMed Research International</i> , 2020 , 2020, 2721381	3	2
17	Guideline adherence in acute coronary syndromes between telemedically supported paramedics and conventional on-scene physician care: A longitudinal pre-post intervention cohort study. <i>Health Informatics Journal</i> , 2019 , 25, 1528-1537	3	3
16	Suspected seizure-survival of a lethal dose of the rodenticide alpha-chloralose. <i>Der Anaesthesist</i> , 2019 , 68, 843-847	2.2	0
15	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	7.6	15
14	Improved technical performance of a multifunctional prehospital telemedicine system between the research phase and the routine use phase - an observational study. <i>Journal of Telemedicine and Telecare</i> , 2017 , 23, 402-409	6.8	35
13	Telemedical support for prehospital Emergency Medical Service (TEMS trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2017 , 18, 43	2.8	17
12	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	2.3	20
11	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	4.9	9
10	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	7.6	21
9	Cortisol and alpha-amylase as stress response indicators during pre-hospital emergency medicine training with repetitive high-fidelity simulation and scenarios with standardized patients. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2015 , 23, 31	3.6	36
8	Implementation phase of a multicentre prehospital telemedicine system to support paramedics: feasibility and possible limitations. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2013 , 21, 54	3.6	49
7	Comparison of physician staffed emergency teams with paramedic teams assisted by telemedicine--a randomized, controlled simulation study. <i>Resuscitation</i> , 2013 , 84, 85-92	4	47
6	Prehospital digital photography and automated image transmission in an emergency medical service - an ancillary retrospective analysis of a prospective controlled trial. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2013 , 21, 3	3.6	20

5	Comparison of manually triggered ventilation and bag-valve-mask ventilation during cardiopulmonary resuscitation in a manikin model. <i>Resuscitation</i> , 2012 , 83, 488-93	4	7
4	Teleconsultation in pre-hospital emergency medical services: real-time telemedical support in a prospective controlled simulation study. <i>Resuscitation</i> , 2012 , 83, 626-32	4	28
3	Feasibility of prehospital teleconsultation in acute stroke--a pilot study in clinical routine. <i>PLoS ONE</i> , 2012 , 7, e36796	3.7	76
2	Technical and organisational feasibility of a multifunctional telemedicine system in an emergency medical service - an observational study. <i>Journal of Telemedicine and Telecare</i> , 2011 , 17, 371-7	6.8	63
1	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, 320-4 ^{1.5}	1.5	17