

Publikationen KAI 2020

1. [Elective surgery cancellations due to the COVID-19 pandemic: global predictive modelling to inform surgical recovery plans.](#) **IF 5,676**
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2. [\[Ultrasound-guided peripheral venous puncture in patients with a poor venous status\].](#) **IF 1,074**
Kaiser P, Ghamari S, Gräff I, Ellerkmann R, Weber S, Hoeft A, Kim SC. Anaesthesist. 2020 Sep;69(9):632-638. doi: 10.1007/s00101-020-00813-7. Epub 2020 Jul 15. PMID: 32671428 German.
3. [Clinical Evaluation of a High-fidelity Upper Arm Cuff to Measure Arterial Blood Pressure during Noncardiac Surgery.](#) **IF 7,067**
Briegel J, Bähner T, Kreitmeier A, Conter P, Fraccaroli L, Meidert AS, Tholl M, Papadakis G, Deunert A, Bauer A, Hoeft A, Pfeiffer UJ. Anesthesiology. 2020 Nov 1;133(5):997-1006. doi: 10.1097/ALN.0000000000003472. PMID: 33048167 Free article.
4. [Sustained Immunoparalysis in Endotoxin-Tolerized Monocytic Cells.](#) **IF 3,758**
Weisheit CK, Klüners A, Wild L, Casalter A, Heilmann-Heimbach S, Sivalingam S, Kleiner JL, Ehrentraut SF, Hoeft A, Frede S, Ehrentraut H. Mediators Inflamm. 2020 Jun 13;2020:8294342. doi: 10.1155/2020/8294342. eCollection 2020. PMID: 32617075 Free PMC article.
5. [Accuracy of the non-invasive Tcore™ temperature monitoring system to measure body core temperature in abdominal surgery.](#) **IF 2,108**
Soehle M, Dehne H, Hoeft A, Zenker S. J Clin Monit Comput. 2020 Dec;34(6):1361-1367. doi: 10.1007/s10877-019-00430-9. Epub 2019 Nov 26. PMID: 31773375
6. [Mutation of CEP72 Gene May Predispose Patients to Hepatotoxicity.](#) **IF 1,016**
Pham R, Hoeft A, Roberts C, Hamby T, Maloy C, Ray A. J Pediatr Hematol Oncol. 2020 Oct;42(7):e634-e636. doi: 10.1097/MPH.0000000000001568. PMID: 31343483
7. [Differential modulation of endothelial cell function by fresh frozen plasma.](#) **IF 3,647**
Scheck M, Velten M, Klaschik S, Soehle M, Frede S, Gehlen J, Hoch J, Mustea A, Hoeft A, Hilbert T. Life Sci. 2020 Aug 1;254:117780. doi: 10.1016/j.lfs.2020.117780. Epub 2020 May 12. PMID: 32407844 Free article.
8. [Effect of Regional Citrate Anticoagulation vs Systemic Heparin Anticoagulation During Continuous Kidney Replacement Therapy on Dialysis Filter Life Span and Mortality Among Critically Ill Patients With Acute Kidney Injury: A Randomized Clinical Trial.](#) **IF 45,540**

- Zarbock A, Küllmar M, Kindgen-Milles D, Wempe C, Gerss J, Brandenburger T, Dimski T, Tyczynski B, Jahn M, Mülling N, Mehrländer M, Rosenberger P, Marx G, Simon TP, Jaschinski U, Deetjen P, Putensen C, Schewe JC, Kluge S, Jarczak D, Slowinski T, Bodenstein M, Meybohm P, Wirtz S, Moerer O, Kortgen A, Simon P, Bagshaw SM, Kellum JA, Meersch M; RICH Investigators and the Sepnet Trial Group. JAMA. 2020 Oct 27;324(16):1629-1639. doi: 10.1001/jama.2020.18618. PMID: 33095849 Clinical Trial.
9. [Intraoperative ventilator settings and their association with postoperative pulmonary complications in neurosurgical patients: post-hoc analysis of LAS VEGAS study.](#) **IF 1,695**
Robba C, Hemmes SNT, Serpa Neto A, Bluth T, Canet J, Hiesmayr M, Hollmann MW, Mills GH, Vidal Melo MF, Putensen C, Jaber S, Schmid W, Severgnini P, Wrigge H, Battaglini D, Ball L, Gama de Abreu M, Schultz MJ, Pelosi P; FERS for the LAS VEGAS investigators; PROtective VEntilation Network and the Clinical Trial Network of the European Society of Anaesthesiology. BMC Anesthesiol. 2020 Apr 2;20(1):73. doi: 10.1186/s12871-020-00988-x. PMID: 32241266 Free PMC article.
10. [\[S3 Guideline Sepsis-prevention, diagnosis, therapy, and aftercare : Long version\].](#) **IF 1,015**
Brunkhorst FM, Weigand MA, Pletz M, Gastmeier P, Lemmen SW, Meier-Hellmann A, Ragaller M, Weyland A, Marx G, Bucher M, Gerlach H, Salzberger B, Grabein B, Welte T, Werdan K, Kluge S, Bone HG, Putensen C, Rossaint R, Quintel M, Spies C, Weiß B, John S, Oppert M, Jörres A, Brenner T, Elke G, Gründling M, Mayer K, Weimann A, Felbinger TW, Axer H; Deutsche Sepsis Gesellschaft e. V.. Med Klin Intensivmed Notfmed. 2020 May;115(Suppl 2):37-109. doi: 10.1007/s00063-020-00685-0. PMID: 32356041 Review. German. No abstract available.
11. [\[S3 guideline sepsis-prevention, diagnosis, treatment, and aftercare : Summary of the strong recommendations\].](#) **IF 1,015**
Brunkhorst FM, Weigand MA, Pletz M, Gastmeier P, Lemmen SW, Meier-Hellmann A, Ragaller M, Weyland A, Marx G, Bucher M, Gerlach H, Salzberger B, Grabein B, Welte T, Werdan K, Kluge S, Bone HG, Putensen C, Rossaint R, Quintel M, Spies C, Weiß B, John S, Oppert M, Jörres A, Brenner T, Elke G, Gründling M, Mayer K, Weimann A, Felbinger TW, Axer H, Heller T, Gagelmann N; Deutsche Sepsis Gesellschaft e. V.. Med Klin Intensivmed Notfmed. 2020 Apr;115(3):178-188. doi: 10.1007/s00063-020-00671-6. PMID: 32185422 Review. German. No abstract available.
12. [Postoperative Prolonged Mechanical Ventilation in Patients With Newly Diagnosed Glioblastoma-An Unrecognized Prognostic Factor.](#) **IF 4,848**
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13. [Individualized Positive End-expiratory Pressure and Regional Gas Exchange in Porcine Lung Injury.](#) **IF 7,067**

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14. [Dynamic changes of angiopoietins and endothelial nitric oxide supply during fluid resuscitation for major gyn-oncological surgery: a prospective observation.](#) **IF 4,124**
Gehlen J, Klaschik S, Neumann C, Keyver-Paik MD, Mustea A, Soehle M, Frede S, Velten M, Hoeft A, Hilbert T. *J Transl Med*. 2020 Jan 31;18(1):48. doi: 10.1186/s12967-020-02236-9. *J Transl Med*. 2020. PMID: 32005259
 15. [Randomized controlled multicentre study of albumin replacement therapy in septic shock \(ARISS\): protocol for a randomized controlled trial.](#) **IF 1,975**
Sakr Y, Bauer M, Nierhaus A, Kluge S, Schumacher U, Putensen C, Fichtner F, Petros S, Scheer C, Jaschinski U, Tanev I, Jacob D, Weiler N, Schulze PC, Fiedler F, Kapfer B, Brunkhorst F, Lautenschlaeger I, Wartenberg K, Utzolino S, Briegel J, Moerer O, Bischoff P, Zarbock A, Quintel M, Gattinoni L; SepNet - Critical Care Trials Group. *Trials*. 2020 Dec 7;21(1):1002. doi: 10.1186/s13063-020-04921-y. PMID: 33287911 Free PMC article.
 16. [Extensive Therapeutic Drug Monitoring of Colistin in Critically Ill Patients Reveals Undetected Risks.](#) **IF 4,152**
Ehrentraut SF, Muenster S, Kreyer S, Theuerkauf NU, Bode C, Steinhagen F, Ehrentraut H, Schewe JC, Weber M, Putensen C, Muders T. *Microorganisms*. 2020 Mar 15;8(3):415. doi: 10.3390/microorganisms8030415. PMID: 32183443 Free PMC article.
 17. [Influence of quality of intensive care on quality of life/return to work in survivors of the acute respiratory distress syndrome: prospective observational patient cohort study \(DACAPO\).](#) **IF 2,521**
Apfelbacher C, Brandstetter S, Blecha S, Dodoo-Schittko F, Brandl M, Karagiannidis C, Quintel M, Kluge S, Putensen C, Bercker S, Ellger B, Kirschning T, Arndt C, Meybohm P, Weber-Carstens S; DACAPO study group, Bein T. *BMC Public Health*. 2020 Jun 5;20(1):861. doi: 10.1186/s12889-020-08943-8. PMID: 32503583 Free PMC article.
 18. [Mannitol Is Associated with Less Postoperative Delirium after Aortic Valve Surgery in Patients Treated with Bretschneider Cardioplegia.](#) **IF 1,209**
Hamiko M, Charitos EI, Velten M, Hilbert T, Putensen C, Treede H, Duerr GD. *Thorac Cardiovasc Surg*. 2020 Sep 4. doi: 10.1055/s-0040-1715891. Online ahead of print. PMID: 32886926 Free article.
 19. [Assessment of spontaneous breathing during pressure controlled ventilation with superimposed spontaneous breathing using respiratory flow signal analysis.](#) **IF 2,108**
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20. [Direct acute respiratory distress syndrome after gastric perforation caused by an intragastric balloon: a case report.](#) **IF 1,695**
Theuerkauf N, Weismüller T, Weißbrich C, Schewe JC, Putensen C, Bode C. BMC Anesthesiol. 2020 Jul 25;20(1):182. doi: 10.1186/s12871-020-01101-y. PMID: 32711459 Free PMC article.
21. [Preoperative Cognitive Impairment and Postoperative Delirium Predict Decline in Activities of Daily Living after Cardiac Surgery-A Prospective, Observational Cohort Study.](#) **IF 3,077**
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23. [Validation study of German inpatient administrative health data for epidemiological surveillance and measurement of quality of care for sepsis: the OPTIMISE study protocol.](#) **IF 2,496**
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24. [Tracheostomy in patients with acute respiratory distress syndrome is not related to quality of life, symptoms of psychiatric disorders or return-to-work: the prospective DACAPO cohort study.](#) **IF 4,124**
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25. [Parameters predicting COVID-19-induced myocardial injury and mortality.](#) **IF 3,647**
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26. [CpG postconditioning after reperfused myocardial infarction is associated with modulated inflammation, less apoptosis, and better left ventricular function.](#) **IF 3,864**
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27. [Changes in PUFA and eicosanoid metabolism during/after apnea diving: a prospective single-center study.](#) **IF 0,636**
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28. [Risk of Barotrauma When Diving With Pulmonary Bullae.](#) **IF 8,308**
Tetzlaff K, Eichhorn L. Chest. 2020 Oct;158(4):1779. doi: 10.1016/j.chest.2020.04.072. PMID: 33036089 No abstract available.

29. [Heart failure after pressure overload in autosomal-dominant desminopathies: Lessons from heterozygous DES-p.R349P knock-in mice.](#) **IF 2,740**
Stöckigt F, Eichhorn L, Beiert T, Knappe V, Radecke T, Steinmetz M, Nickenig G, Peeva V, Kudin AP, Kunz WS, Berwanger C, Kamm L, Schultheis D, Schlötzer-Schrehardt U, Clemen CS, Schröder R, Schrickel JW. PLoS One. 2020 Mar 3;15(3):e0228913. doi: 10.1371/journal.pone.0228913. eCollection 2020. PMID: 32126091 Free PMC article.

30. [Hematologic changes after short term hypoxia in non-elite apnea divers under voluntary dry apnea conditions.](#) **IF 2,740**
Dolscheid-Pommerich RC, Stoffel-Wagner B, Alberts J, Fimmers R, Eichhorn L. PLoS One. 2020 Aug 13;15(8):e0237673. doi: 10.1371/journal.pone.0237673. eCollection 2020. PMID: 32790747 Free PMC article.

31. [Comorbidity Burden and Presence of Multiple Intracranial Lesions Are Associated with Adverse Events after Surgical Treatment of Patients with Brain Metastases.](#) **IF 6,126**
Schneider M, Heimann M, Schaub C, Eichhorn L, Potthoff AL, Giordano FA, Güresir E, Ko YD, Landsberg J, Lehmann F, Radbruch A, Schwab KS, Weinhold L, Weller J, Wispel C, Herrlinger U, Vatter H, Schäfer N, Schuss P. Cancers (Basel). 2020 Oct 31;12(11):3209. doi: 10.3390/cancers12113209. PMID: 33142701 Free PMC article.

32. [Risk Factors for Severe Complications in Ovarian Cancer Surgery.](#) **IF 1,541**
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33. [5-HT3 blockade does not attenuate postspinal blood pressure change in cesarean section: A case-control study.](#) **IF 1,552**
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34. [Precaution: Oximetry central venous catheter shaft is no longer waterproof when cut.](#)

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35. [Novel Choices of Cannula for Blood Delivery via Femoral Artery in Pediatric Patients.](#) **IF 1,209**
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36. [A National Survey: Current Clinical Practice in Pediatric Anesthesia for Congenital Heart Surgery.](#) **IF 1,437**
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37. [Prediction of Opioid-Induced Respiratory Depression on Inpatient Wards Using Continuous Capnography and Oximetry: An International Prospective, Observational Trial.](#) **IF 4,305**
Khanna AK, Bergese SD, Jungquist CR, Morimatsu H, Uezono S, Lee S, Ti LK, Urman RD, McIntyre R Jr, Tornero C, Dahan A, Saager L, Weingarten TN, Wittmann M, Auckley D, Brazzi L, Le Guen M, Soto R, Schramm F, Ayad S, Kaw R, Di Stefano P, Sessler DI, Uribe A, Moll V, Dempsey SJ, Buhre W, Overdyk FJ; PRediction of Opioid-induced respiratory Depression In patients monitored by capnoGraphY (PRODIGY) Group Collaborators. *Anesth Analg.* 2020 Oct;131(4):1012-1024. doi: 10.1213/ANE.0000000000004788. PMID: 32925318 Free PMC article.
38. [Preoperative Anaemia in Primary Hip and Knee Arthroplasty.](#) **IF 0,798**
Meybohm P, Kohlhof H, Wirtz DC, Marzi I, Füllenbach C, Choorapoikayil S, Wittmann M, Marschall U, Thoma J, Schwendner K, Stark P, Raadts A, Friedrich J, Weigt H, Friederich P, Huber J, Gutjahr M, Schmitt E, Zacharowski K. *Z Orthop Unfall.* 2020 Apr;158(2):194-200. doi: 10.1055/a-0974-4115. Epub 2019 Sep 18. PMID: 31533166 English, German.
39. [Estimating patients' risk for postoperative delirium from preoperative routine data - Trial design of the PRe-Operative prediction of postoperative DELirium by appropriate SCreening \(PROPDESC\) study - A monocentre prospective observational trial.](#) **IF**
Menzenbach J, Guttenthaler V, Kirfel A, Ricchiuto A, Neumann C, Adler L, Kieback M, Velten L, Fimmers R, Mayr A, Wittmann M; PROPDESC Collaboration Group. *Contemp Clin Trials Commun.* 2019 Dec 4;17:100501. doi: 10.1016/j.conctc.2019.100501. eCollection 2020 Mar. PMID: 31890984 Free PMC article.

40. [\[Bed capacity management in times of the COVID-19 pandemic : A simulation-based prognosis of normal and intensive care beds using the descriptive data of the University Hospital Augsburg\].](#) **IF 1,074**
Römmele C, Neidel T, Heins J, Heider S, Otten V, Ebigbo A, Weber T, Müller M, Spring O, Braun G, Wittmann M, Schoenfelder J, Heller AR, Messmann H, Brunner JO. Anaesthesist. 2020 Oct;69(10):717-725. doi: 10.1007/s00101-020-00830-6. Epub 2020 Aug 21. PMID: 32821955 Free PMC article. German.
41. [Diffuse Myocardial Inflammation in COVID-19 Associated Myocarditis Detected by Multiparametric Cardiac Magnetic Resonance Imaging.](#) **IF 5,691**
Luetkens JA, Isaak A, Zimmer S, Nattermann J, Sprinkart AM, Boesecke C, Rieke GJ, Zachoval C, Heine A, Velten M, Duerr GD. Circ Cardiovasc Imaging. 2020 May;13(5):e010897. doi: 10.1161/CIRCIMAGING.120.010897. Epub 2020 May 13. PMID: 32397816 No abstract available.
42. [Initial inflammatory response is an independent predictor of unfavorable outcome in patients with good-grade aneurysmal subarachnoid hemorrhage.](#) **IF 2,685**
Güresir E, Coch C, Fimmers R, Ilic I, Hadjiathanasiou A, Kern T, Brandecker S, Güresir Á, Velten M, Vatter H, Schuss P. J Crit Care. 2020 Dec;60:45-49. doi: 10.1016/j.jcrc.2020.07.018. Epub 2020 Jul 23. PMID: 32739759
43. [Elevated body mass index facilitates early postoperative complications after surgery for intracranial meningioma.](#) **IF 2,654**
Schneider M, Borger V, Grigutsch D, Güresir Á, Potthoff AL, Velten M, Vatter H, Güresir E, Schuss P. Neurosurg Rev. 2020 Mar 24. doi: 10.1007/s10143-020-01281-8. Online ahead of print. PMID: 32212047
44. [Safety metric profiling in surgery for temporal glioblastoma: lobectomy as a supra-total resection regime preserves perioperative standard quality rates.](#) **IF 3,267**
Schneider M, Ilic I, Potthoff AL, Hamed M, Schäfer N, Velten M, Güresir E, Herrlinger U, Borger V, Vatter H, Schuss P. J Neurooncol. 2020 Sep;149(3):455-461. doi: 10.1007/s11060-020-03629-y. Epub 2020 Sep 29. PMID: 32990861 Free PMC article.
45. [Factors influencing the bias between blood gas analysis versus central laboratory hemoglobin testing. A secondary analysis of a randomized controlled trial.](#) **IF2,740**
Tanner L, Lindau S, Velten M, Schlesinger T, Wittmann M, Kranke P, Berg K, Piekarski F, Füllenbach C, Choorapoikayil S, Hasenclever D, Zacharowski K, Meybohm P. PLoS One. 2020 Oct 30;15(10):e0240721. doi: 10.1371/journal.pone.0240721. eCollection 2020. PMID: 33125405 Free PMC article. Clinical Trial.
46. [\[Central Venous Access in Children: Technique and Complications\].](#) **IF 0,531**
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47. [\[Hypoglossal nerve palsy after follicle puncture\].](#) **IF 1,074**

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48. [Anesthesia-induced loss of consciousness disrupts auditory responses beyond primary cortex.](#) **IF 9,412**
Krom AJ, Marmelshtein A, Gelbard-Sagiv H, Tankus A, Hayat H, Hayat D, Matot I, Strauss I, Fahoum F, Soehle M, Boström J, Mormann F, Fried I, Nir Y. Proc Natl Acad Sci U S A. 2020 May 26;117(21):11770-11780. doi: 10.1073/pnas.1917251117. Epub 2020 May 12. PMID: 32398367 Free PMC article.
 49. [Implementation of anesthesia quality indicators in Germany : A prospective, national, multicenter quality improvement study.](#) **IF 1,074**
Ziemann S, Coburn M, Rossaint R, Van Waesberghe J, Bürkle H, Fries M, Henrich M, Henzler D, Iber T, Karst J, Kunitz O, Löb R, Meißner W, Meybohm P, Mierke B, Pabst F, Schaelte G, Schiff J, Soehle M, Winterhalter M, Kowark A. Anaesthesist. 2020 Jul 6. doi: 10.1007/s00101-020-00773-y. Online ahead of print. PMID: 32377798 English.
 50. [Detecting Ventilator-Induced Diaphragmatic Dysfunction Using Point-of-Care Ultrasound in Children With Long-term Mechanical Ventilation.](#) **IF 1,759**
Kharasch SJ, Dumas H, O'Brien J, Shokoohi H, Al Saud AA, Liteplo A, Schleifer J, Kharasch V. J Ultrasound Med. 2020 Sep 3. doi: 10.1002/jum.15465. Online ahead of print. PMID: 32881067
 51. [Interdisciplinary approach to enhance trauma residents education of Extended-Focused Assessment for Sonography in Trauma in the emergency department.](#) **IF 1,355**
Haney RM, Graglia S, Schleifer J, Mendoza A, Frasure SE, Shokoohi H, Huang C, Liteplo AS. ANZ J Surg. 2020 Sep;90(9):1700-1704. doi: 10.1111/ans.16000. Epub 2020 May 26. PMID: 32455479
 52. [\[Recommendations for emergency management of patients with permanent mechanical circulatory support : Consensus statement of DGTHG, DIVI, DGIIN, DGAI, DGINA, DGfK and DGK\].](#) **IF 1,074**
Pilarczyk K, Boeken U, Beckmann A, Markewitz A, Schulze PC, Pin M, Gräff I, Schmidt S, Runge B, Busch HJ, Preusch MR, Haake N, Schälte G, Gummert J, Michels G. Anaesthesist. 2020 Apr;69(4):238-253. doi: 10.1007/s00101-020-00750-5. PMID: 32123948 Review. German.
 53. [Personalising drug safety-results from the multi-centre prospective observational study on Adverse Drug Reactions in Emergency Departments \(ADRED\).](#) **IF 2,641**
Just KS, Dormann H, Böhme M, Schurig M, Schneider KL, Steffens M, Dunow S, Plank-Kiegele B, Ettrich K, Seufferlein T, Gräff I, Igel S, Schrickler S, Jaeger SU, Schwab M, Stingl JC. Eur J Clin Pharmacol. 2020 Mar;76(3):439-448. doi: 10.1007/s00228-019-02797-9. Epub 2019 Dec 12. PMID: 31832731
 54. [Adverse Drug Reactions in the Emergency Department: Is There a Role for Pharmacogenomic Profiles at Risk?-Results from the ADRED Study.](#) **IF 3,303**

- Just KS, Dormann H, Schurig M, Böhme M, Fracowiak J, Steffens M, Scholl C, Seufferlein T, Gräff I, Schwab M, Stingl JC. *J Clin Med*. 2020 Jun 9;9(6):1801. doi: 10.3390/jcm9061801. PMID: 32527038 Free PMC article.
55. [Older emergency patients in the emergency department : A key performance indicator analysis based on the DIVI emergency department protocol\]. IF 1,051](#)
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37 Publikationen Erst-/ Letztautorenschaft

42 Publikationen Koautorenschaft

Summe Impact Erst-/ Letztautoren = 112,015

Summe Impact Koautoren (ohne Gewichtung) = 188,515

Summe Impact Koautoren (mit Gewichtung) = 94,258