

## Aktuelle Publikationen Juli bis Dezember 2020 – eine Auswahl

Hier finden Sie die Publikationen aus unserer Fakultät, die im vergangenen Halbjahr in einer der Zeitschriften aus dem obersten Quartil der jeweiligen fachspezifischen Zeitschriften Rankings (JCR) veröffentlicht wurden.

### Juli

Kniha K, Brandt M, Bock A, Modabber A, Prescher A, Hölzle F, **Danesh G, Möhlhenrich SC**. Accuracy of fully guided orthodontic mini-implant placement evaluated by cone-beam computed tomography: a study involving human cadaver heads. Clin Oral Investig. 2020 Jul 1. doi: 10.1007/s00784-020-03436-9. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/32613434>

Pidelaserra-Martí G, **Engeland CE**. Mechanisms of measles virus oncolytic immunotherapy. Cytokine Growth Factor Rev. 2020 Jul 3:S1359-6101(20)30175-1. doi: 10.1016/j.cytogfr.2020.07.009. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/32660751>

Krassovka JM, Suschek CV, Prost M, Grotheer V, **Schiefer JL, Demir E, Fuchs PC, Windolf J, Stürmer EK, Opländer C**. The impact of non-toxic blue light (453 nm) on cellular antioxidative capacity, TGF- $\beta$ 1 signaling, and myofibrogenesis of human skin fibroblasts. J Photochem Photobiol B. 2020 Jul 6;209:111952. doi: 10.1016/j.jphotobiol.2020.111952. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/32659647>

Koushk-Jalali B, Kuntz T, Tigges C, Gharevi NT, Wieland U, **Kreuter A**. Cervical trophic syndrome - a rare clinical variant of neural trophic syndrome. J Dtsch Dermatol Ges. 2020 Jul 14. doi: 10.1111/ddg.14171. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/32666622>

**Ehrke-Schulz E, Heinemann S, Schulte L, Schiwon M, Ehrhardt A**. Adenoviral Vectors Armed with PAPILLOMAVIRUS Oncogene Specific CRISPR/Cas9 Kill Human-Papillomavirus-Induced Cervical Cancer Cells. Cancers (Basel). 2020 Jul 17;12(7):1934. doi: 10.3390/cancers12071934. <http://www.ncbi.nlm.nih.gov/pubmed/32708897>

### August

Alm L, Krause M, Frosch KH, **Akoto R**. Preoperative medial knee instability is an underestimated risk factor for failure of revision ACL reconstruction. Knee Surg Sports Traumatol Arthrosc. 2020 Aug;28(8):2458-2467. doi: 10.1007/s00167-020-06133-y. Epub 2020 Jul 3. <http://www.ncbi.nlm.nih.gov/pubmed/32621041>

**Maegele M**. Global traumatic brain injury research enters a new era. Lancet Neurol. 2020 Aug;19(8):637-639. doi: 10.1016/S1474-4422(20)30208-8. <http://www.ncbi.nlm.nih.gov/pubmed/32702323>

**Windisch W**, Weber-Carstens S, Kluge S, Rossaint R, Welte T, **Karagiannidis C**. Invasive and Non-Invasive Ventilation in Patients With COVID-19. *Dtsch Arztebl Int*. 2020 Aug 3;117(31-32):528-533. doi: 10.3238/arztebl.2020.0528. <http://www.ncbi.nlm.nih.gov/pubmed/32900426>

**Zernikow B**. Treating Migraine in Children and Adolescents-Reply. *JAMA Pediatr*. 2020 Aug 3. doi: 10.1001/jamapediatrics.2020.2011. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/32761184>

**Stängle S**, Büche D, Häuptle C, **Fringer A**. Experiences, Personal Attitudes, and Professional Stances of Swiss Health Care Professionals Toward Voluntary Stopping of Eating and Drinking to Hasten Death: A Cross-Sectional Study. *J Pain Symptom Manage*. 2020 Aug 5:S0885-3924(20)30644-8. doi: 10.1016/j.jpainsymman.2020.07.039. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/32768556>

Frick E, Ziemer P, Heres S, Ableidinger K, Pfitzer F, **Büssing A**. Spirituelle Kompetenz in Psychiatrie und Psychotherapie – Hindernisse und Erfolgsfaktoren [Spiritual competence in psychiatry and psychotherapy-Barriers and success factors]. *Nervenarzt*. 2020 Aug 10. German. doi: 10.1007/s00115-020-00975-0. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/32776233>

Dörk T, Hillemanns P, Tempfer C, **Breu J**, **Fleisch MC**. Genetic Susceptibility to Endometrial Cancer: Risk Factors and Clinical Management. *Cancers (Basel)*. 2020 Aug 25;12(9):E2407. doi: 10.3390/cancers12092407. <http://www.ncbi.nlm.nih.gov/pubmed/32854222>

## September

**Karagiannidis C**, Mostert C, Hentschker C, Voshaar T, Malzahn J, Schillinger G, Klauber J, Janssens U, Marx G, Weber-Carstens S, Kluge S, Pfeifer M, Grabenhenrich L, Welte T, Busse R. Case characteristics, resource use, and outcomes of 10 021 patients with COVID-19 admitted to 920 German hospitals: an observational study. *Lancet Respir Med*. 2020 Sep;8(9):853-862. doi: 10.1016/S2213-2600(20)30316-7. Epub 2020 Jul 28. <http://www.ncbi.nlm.nih.gov/pubmed/32735842>

**Thévenod F**, **Lee WK**, Garrick MD. Iron and Cadmium Entry Into Renal Mitochondria: Physiological and Toxicological Implications. *Front Cell Dev Biol*. 2020 Sep 2;8:848. doi: 10.3389/fcell.2020.00848. <http://www.ncbi.nlm.nih.gov/pubmed/32984336>

**Zhang W**, **Mese K**, **Schellhorn S**, **Bahlmann N**, **Mach N**, **Bunz O**, Dhingra A, Hage E, Lafon ME, Wodrich H, Heim A, **Ehrhardt A**. High-Throughput Cloning and Characterization of Emerging Adenovirus Types 70, 73, 74, and 75. *Int J Mol Sci*. 2020 Sep 2;21(17):6370. doi: 10.3390/ijms21176370. <http://www.ncbi.nlm.nih.gov/pubmed/32887347>

Brown D, **Rosenthal N, Kupitz A, Wager J**. Intergenerational transmission of chronic pain-related disability: the explanatory effects of depressive symptoms. *Pain*. 2020 Sep 3. doi: 10.1097/j.pain.0000000000002066. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/32890257>

**Weise A, Büchter R, Pieper D, Mathes T**. Assessing context suitability (generalizability, external validity, applicability or transferability) of findings in evidence syntheses in healthcare—An integrative review of methodological guidance. *Res Synth Methods*. 2020 Sep 13. doi: 10.1002/jrsm.1453. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/32920989>

**Mondritzki T, Mai TA, Vogel J, Pook E, Wasnaire P, Schmeck C, Hüser J, Dinh W, Truebel H, Kolkhof P**. Cardiac output improvement by pecavaptan: a novel dual-acting vasopressin V1a/V2 receptor antagonist in experimental heart failure. *Eur J Heart Fail*. 2020 Sep 18. doi: 10.1002/ejhf.2001. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/32946151>

**Spellenberg C, Heusser P, Büssing A, Savelsbergh A, Cysarz D**. Binary symbolic dynamics analysis to detect stress-associated changes of nonstationary heart rate variability. *Sci Rep*. 2020 Sep 22;10(1):15440. doi: 10.1038/s41598-020-72034-2. <http://www.ncbi.nlm.nih.gov/pubmed/32963263>

Werner RN, Gaskins M, Dressler C, Nast A, Schaefer C, Aigner F, **Siegel R**. Measuring importance of outcomes to patients: a cross-sectional survey for the German anal cancer guideline. *J Clin Epidemiol*. 2020 Sep 25:S0895-4356(20)31112-4. doi: 10.1016/j.jclinepi.2020.09.026. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/32987160>

**Jacobsen M, Dembek TA, Ziakos AP, Gholamipour R, Kobbe G, Kollmann M, Blum C, Müller-Wieland D, Napp A, Heinemann L, Deubner N, Marx N, Isenmann S, Seyfarth M**. Reliable Detection of Atrial Fibrillation with a Medical Wearable during Inpatient Conditions. *Sensors (Basel)*. 2020 Sep 26;20(19):E5517. doi: 10.3390/s20195517. <http://www.ncbi.nlm.nih.gov/pubmed/32993132>

## Oktober

**Truebel H, Thurston T**. Danger in the Valley of Death: how the transition from preclinical research to clinical trials can impact valuations. *Drug Discov Today*. 2020 Oct 5:S1359-6446(20)30390-1. doi: 10.1016/j.drudis.2020.09.033. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/33031944>

Felipe-Rucián A, Wegener-Panzer A, Naßenstein I, Reindl M, **Rostásy K**. Teaching NeuroImages: Bilateral optic neuritis: When to suspect anti-MOG antibodies. *Neurology*. 2020 Oct 6;95(14):e2045-e2046. doi: 10.1212/WNL.0000000000010264. Epub 2020 Jul 9. <http://www.ncbi.nlm.nih.gov/pubmed/32646958>

Wagner WL, Föhst S, Hock J, Kim YO, Popov Y, Schuppan D, Schladitz K, Redenbach C, **Ackermann M**. 3D analysis of microvasculature in murine liver fibrosis models using synchrotron radiation-based microtomography. *Angiogenesis*. 2020 Oct 10. doi: 10.1007/s10456-020-09751-9. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/33037487>

**Pieper D**, Lorenz RC, **Rombey T**, Jacobs A, Rissling O, Freitag S, Matthias K. Authors should clearly report how they derived the overall rating when applying AMSTAR 2-a cross-sectional study. *J Clin Epidemiol*. 2020 Oct 10;129:97-103. doi: 10.1016/j.jclinepi.2020.09.046. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/33049325>

**Büchter RB**, **Weise A**, **Pieper D**. Development, testing and use of data extraction forms in systematic reviews: a review of methodological guidance. *BMC Med Res Methodol*. 2020 Oct 19;20(1):259. doi: 10.1186/s12874-020-01143-3. <http://www.ncbi.nlm.nih.gov/pubmed/33076832>; PMID: PMC7574308

**Konerding U**. Is a Ratio Scale Assumption for Physician Ratings Justified? Comment on "What Patients Value in Physicians: Analyzing Drivers of Patient Satisfaction Using Physician-Rating Website Data". *J Med Internet Res*. 2020 Oct 26;22(10):e18289. doi: 10.2196/18289. <http://www.ncbi.nlm.nih.gov/pubmed/33104009>; PMID: PMC7652694

**Spielmanns M**, Pantev S, Turk A, Barthelmes J, Schindler M, Hermann M. Does an undetected obstructive sleep apnea influence the natural course and success of cardiac rehabilitation after cardiac surgery? *Eur J Phys Rehabil Med*. 2020 Oct 28. doi: 10.23736/S1973-9087.20.06340-6. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/33111512>

## November

**Limper U**. Difficult physiology of airway management: mind the interaction between hypoxia types. *Br J Anaesth*. 2020 Nov;125(5):e415-e416. doi: 10.1016/j.bja.2020.07.041. Epub 2020 Aug 21. <http://www.ncbi.nlm.nih.gov/pubmed/32838980>

**Gaebelein-Wissing N**, Ellenbogen E, **Lehmann P**. Lichturtikaria: Klinik, Diagnostik, Verlauf und Therapiemanagement bei 27 Patienten. *J Dtsch Dermatol Ges*. 2020 Nov;18(11):1261-1269. German. doi: 10.1111/ddg.14309\_g. <http://www.ncbi.nlm.nih.gov/pubmed/33251747>

**Gaebelein-Wissing N**, Ellenbogen E, **Lehmann P**. Solar urticaria: Clinic, diagnostic, course and therapy management in 27 patients. *J Dtsch Dermatol Ges*. 2020 Nov;18(11):1261-1268. doi: 10.1111/ddg.14309. Epub 2020 Nov 16. <http://www.ncbi.nlm.nih.gov/pubmed/33197128>

Kleszka K, Leu T, Quinting T, Jastrow H, Pechlivanis S, Fandrey J, **Schreiber T**. Hypoxia-inducible factor-2 $\alpha$  is crucial for proper brain development. *Sci Rep*. 2020 Nov 5;10(1):19146. doi: 10.1038/s41598-020-75838-4. <http://www.ncbi.nlm.nih.gov/pubmed/33154420>; PMID: PMC7644612.

**Ramm M**, Sundermann B, Gomes CA, Möddel G, Langenbruch L, Nayyeri MD, Young P, Pfeleiderer B, Krebs RM, Axmacher N. Probing the relevance of the hippocampus for conflict-induced memory improvement. *Neuroimage*. 2020 Nov 13;226:117563. doi: 10.1016/j.neuroimage.2020.117563. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/33189928>

**Sandulescu T, Weniger J**, Philippou S, Mücke T, **Naumova EA, Arnold WH**. Immunohistochemical evidence of striated muscle cells within midfacial superficial musculoaponeurotic system. *Ann Anat*. 2020 Nov 20;234:151647. doi: 10.1016/j.aanat.2020.151647. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/33221387>

Pavsic K, Herkenrath S, Treml M, Hagemeyer L, Khayat RN, Hellmich M, **Randerath WJ**. Mixed Apnea Metrics in Obstructive Sleep Apnea Predict Treatment-emergent Central Sleep Apnea. *Am J Respir Crit Care Med*. 2020 Nov 24. doi: 10.1164/rccm.202007-2816LE. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/33233936>

Schibilsky D, Driessen A, White WJ, **Lefering R, Paffrath T, Bouillon B**, Walker T, Schlensak C, **Mutschler M**. Traumatic tracheobronchial injuries: incidence and outcome of 136.389 patients derived from the DGU traumaregister. *Sci Rep*. 2020 Nov 25;10(1):20555. doi: 10.1038/s41598-020-77613-x. <http://www.ncbi.nlm.nih.gov/pubmed/33239731>; PMID: PMC7688962

**Möhlhenrich SC**, Kniha K, Magnuska Z, Gremse F, Peters F, **Danesh G**, Hölzle F, Modabber A. Ischial tuberosity: new donor site for bone grafts in animal cleft research. *Sci Rep*. 2020 Nov 26;10(1):20699. doi: 10.1038/s41598-020-77862-w. <http://www.ncbi.nlm.nih.gov/pubmed/33244089>; PMID: PMC7691372

## Dezember

**Akoto R**, Alm L, Drenck TC, Frings J, Krause M, Frosch KH. Slope-Correction Osteotomy with Lateral Extra-articular Tenodesis and Revision Anterior Cruciate Ligament Reconstruction Is Highly Effective in Treating High-Grade Anterior Knee Laxity. *Am J Sports Med*. 2020 Dec;48(14):3478-3485. doi: 10.1177/0363546520966327. Epub 2020 Nov 2. <http://www.ncbi.nlm.nih.gov/pubmed/33135908>; PMID: PMC7705640

Koushk-Jalali B, Kuntz T, Tigges C, Gharevi NT, Wieland U, **Kreuter A**. Zervikales trophisches Syndrom - eine seltene klinische Variante eines neuralen trophischen Syndroms. *J Dtsch Dermatol Ges*. 2020 Dec;18(12):1486-1487. German. doi: 10.1111/ddg.14171\_g. <http://www.ncbi.nlm.nih.gov/pubmed/33373146>

**Schwarz SB, Windisch W**. Outpatient Noninvasive Ventilation: Can the Dutch Setting Serve as a Blueprint for Other Countries? *Chest*. 2020 Dec;158(6):2255-2257. doi: 10.1016/j.chest.2020.08.004. <http://www.ncbi.nlm.nih.gov/pubmed/33280741>

Abraham J, Bake M, Berger-Höger B, Köpke S, Kupfer R, Meyer G, **Möhler R**. Process evaluation of a multicomponent intervention to prevent physical restraints in nursing homes (IMPRINT): A mixed methods study. *J Adv Nurs*. 2020 Dec 3. doi: 10.1111/jan.14694. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/33270930>

**Müller HHO, Moeller S**. Letter to the editor regarding the article "Assessment for vagus nerve stimulation in patients with difficult-to-treat depression: A model from the newcastle regional affective disorders service (RADS)" vagus nerve stimulation (VNS) in patients with difficult-to-treat depression - long-term outcome is improved but who are the right candidates for VNS? *J Affect Disord*. 2020 Dec 7;281:90. doi: 10.1016/j.jad.2020.12.006. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/33307339>

**Neuwirth MM, Mattner F, Otchwemah R**. Adherence to personal protective equipment use among healthcare workers caring for confirmed COVID-19 and alleged non-COVID-19 patients. *Antimicrob Resist Infect Control*. 2020 Dec 10;9(1):199. doi: 10.1186/s13756-020-00864-w. <http://www.ncbi.nlm.nih.gov/pubmed/33302982>; PMID: PMC7726598.

**Limper U, Ahnert T, Maegele M, Froehlich M, Grau M, Gauger P, Bauerfeind U, Görlinger K, Pötzsch B, Jordan J**. Simulated Hypergravity Activates Hemostasis in Healthy Volunteers. *J Am Heart Assoc*. 2020 Dec 15;9(24):e016479. doi: 10.1161/JAHA.120.016479. Epub 2020 Dec 7. <http://www.ncbi.nlm.nih.gov/pubmed/33283577>

**Dörnen J, Myklebost O, Dittmar T**. Cell Fusion of Mesenchymal Stem/Stromal Cells and Breast Cancer Cells Leads to the Formation of Hybrid Cells Exhibiting Diverse and Individual (Stem Cell) Characteristics. *Int J Mol Sci*. 2020 Dec 17;21(24):9636. doi: 10.3390/ijms21249636. <http://www.ncbi.nlm.nih.gov/pubmed/33348862>; PMID: PMC7765946.

**Derstadt M, Thomaidis P, Seefeldt CS, Lange J, Meyer J, Ströhlein MA, Heiss MM, Bulian DR**. Transvaginal hybrid-NOTES vs. traditional laparoscopic sigmoid resection for diverticulitis: a short-term comparative study. *Sci Rep*. 2020 Dec 18;10(1):22321. doi: 10.1038/s41598-020-79461-1. <http://www.ncbi.nlm.nih.gov/pubmed/33339895>; PMID: PMC7749103.

**Mathes T, Rombey T, Kuss O, Pieper D**. No inexplicable disagreements between real-world-data based non-randomized controlled studies and randomized controlled trials were found. *J Clin Epidemiol*. 2020 Dec 21:S0895-4356(20)31223-3. doi: 10.1016/j.jclinepi.2020.12.019. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/33359322>

**Pieper D, Puljak L**. Language restrictions in systematic reviews should not be imposed in the search strategy but in the eligibility criteria if necessary. *J Clin Epidemiol*. 2020 Dec 28:S0895-4356(20)31238-5. doi: 10.1016/j.jclinepi.2020.12.027. Epub ahead of print. <http://www.ncbi.nlm.nih.gov/pubmed/33383129>