

Publikationsliste

Prof. Dr. med. Andreas Rembert Koczulla

Publikationen 2020

1. SARS-CoV-2 infection in two patients following recent lung transplantation
Koczulla AR, Sczepanski B, Koteczki A, Kuhnert S, Hecker M, Askevold I, Schneider C, Michel S, Kneidinger N American Journal of Transplantation (in press) **(IF: 7.1)**
2. Increased asthma control after a 3-week inpatient pulmonary rehabilitation program.
Schneeberger T, Jarosch I, Moll J, Gloeckl R, Boensch M, Hitzl W, Idzko M, Taube C, Kenn K, **Koczulla AR**. Respir Med. 2020 Apr - May;165:105930. doi: 10.1016/j.rmed.2020. 105930. Epub 2020 Mar 8. No abstract available. **(IF: 3.2)**
3. van Bragt JJMH, Adcock IM, Bel EHD, Braunstahl GJ, Ten Brinke A, Busby J, Canonica GW, Cao H, Chung KF, Csoma Z, Dahlén B, Davin E, Hansen S, Heffler E, Horvath I, Korn S, Kots M, Kuna P, Kwon N, Louis R, Plaza V, Porsbjerg C, Ramos-Barbon D, Richards LB, Škr gat S, Sont JK, Vijverberg SJH, Weersink EJM, Yasinska V, Wagers SS, Djukanovic R, Maitland-van der Zee AH; SHARP Clinical Research Collaboration; Members of the SHARP Clinical Research Collaboration are.
Eur Respir J. 2020 Jan 9;55(1). pii: 1901163. doi: 10.1183/13993003.01163-2019. Print 2020 Jan. **(IF: 12,24)**
4. Surface Proteome of Plasma Extracellular Vesicles as Biomarkers for Pneumonia and Acute Exacerbation of Chronic Obstructive Pulmonary Disease.
Jung AL, Møller Jørgensen M, Bæk R, Griss K, Han M, Auf Dem Brinke K, Timmesfeld N, Bertrams W, Greulich T, **Koczulla R**, Hippenstiel S, Suttorp N, Schmeck B J Infect Dis. 2020 Jan 2;221(2):325-335. doi: 10.1093/infdis/jiz460. **(IF: 5.18)**

Publikationen 2019

5. Improvements in functional and cognitive status following short-term pulmonary rehabilitation in COPD lung transplant recipients: a pilot study.
Andrianopoulos V, Gloeckl R, Boensch M, Hoster K, Schneeberger T, Jarosch I, **Koczulla** RA, Kenn K. ERJ Open Res. 2019 Sep 16;5(3). pii: 00060-2019. doi: 10.1183/23120541.00060-2019. ECollection 2019 Jul. **(IF: 3.35)**
6. [Expert Workshop COPD: Lungs and Heart - Quite Often Ill Together].
Jany B, Bals R, Dreher M, Held M, Jany L, Rembert **Koczulla** A, Pfeifer M, Randerath W, Watz H, Wilkens H, Steinkamp G.
Pneumologie. 2019 Nov;73(11):651-669. doi: 10.1055/a-0914-9566. Epub 2019 Sep 9. German. **(IF: 0.84)**
7. Anti-interleukin-5 therapy (mepolizumab) in life-threatening asthma attack: A case-based discussion. Tello K, Hoffmann A, Beutel B, Greulich T, Vogelmeier CF, Richter MJ, Kuhnert S, Bösel T, Alter P, Holland A, Idzko M, Buhl R, **Koczulla** AR.
Respir Med Case Rep. 2019 Aug 22;28:100927. doi: 10.1016/j.rmcr.2019.100927. eCollection 2019. **(IF: 0.42)**
8. Comparison of supplemental oxygen delivery by continuous versus demand based flow systems in hypoxemic COPD patients - A randomized, single-blinded cross-over study. Gloeckl R, Jarosch I, Schneeberger T, Fiedler C, Lausen M, Weingaertner J, Hitzl W, Kenn K, **Koczulla** AR Respir Med. 2019 Sep;156:26-32. doi: 10.1016/j.rmed.2019.08.001. Epub 2019 Aug 5. **(IF: 3.7)**
9. TMPRSS2 Is the Major Activating Protease of Influenza A Virus in Primary Human Airway Cells and Influenza B Virus in Human Type II Pneumocytes.
Limburg H, Harbig A, Bestle D, Stein DA, Moulton HM, Jaeger J, Janga H, Harges K, Koepke J, Schulte L, **Koczulla** AR, Schmeck B, Klenk HD, Böttcher-Friebertshäuser E. J Virol. 2019 Oct 15;93(21). pii: e00649-19. doi: 10.1128/JVI.00649-19. Print 2019 Nov 1. **(IF: 4,32)**
10. Management of patients with multidrug-resistant tuberculosis.
Lange C, Aarnoutse RE, Alffenaar JWC, Bothamley G, Brinkmann F, Costa J, Chesov D, van Crevel R, Dedicoat M, Dominguez J, Duarte R, Grobbel HP, Günther G, Guglielmetti L, Heyckendorf J, Kay AW, Kirakosyan O, Kirk O, **Koczulla** RA, Kudriashov GG, Kuksa L, van Leth F, Magis-Escurra C, Mandalakas AM, Molina-Moya B, Peloquin CA, Reimann M, Rumetshofer R, Schaaf HS, Schön T, Tiberi S, Valda J, Yablonskii PK, Dheda K.
Int J Tuberc Lung Dis. 2019 Jun 1;23(6):645-662. doi: 10.5588/ijtld.18.0622. **(IF: 1.26)**
11. VOC pattern recognition of lung cancer: a comparative evaluation of different dog- and eNose-based strategies using different sampling materials.
Biehl W, Hattesoil A, Jörres RA, Duell T, Althöhn U, **Rembert Koczulla** A, Schmetzer H. Acta Oncol. 2019 Jul 16:1-9. doi: 10.1080/0284186X.2019.1634284. **(IF: 3.29)**
12. Analysis of Human Breath by Millimeter-Wave/Terahertz Spectroscopy.
Rothbart N, Holz O, **Koczulla** R, Schmalz K, Hübers HW.
Sensors (Basel). 2019 Jun 17;19(12). pii: E2719. **(IF: 3.03)**

13. In Reply.
Koczulla AR.
Dtsch Arztebl Int. 2019 Apr 19;116(16):287-288. (IF: 4,46)
14. Liver Fibrosis and Metabolic Alterations in Adults with Alpha1 Antitrypsin Deficiency Caused by the Pi*ZZ Mutation. Hamesch K, Mandorfer M, Pereira VM, Moeller LS, Pons M, Dolman GE, Reichert MC, Heimes CV, Woditsch V, Voss J, Lindhauer C, Fromme M, Spivak I, Guldiken N, Zhou B, Arslanow A, Schaefer B, Zoller H, Aigner E, Reiberger T, Wetzel M, Siegmund B, Simões C, Gaspar R, Maia L, Costa D, Bento-Miranda M, van Helden J, Yagmur E, Bzdok D, Stolk J, Gleiber W, Knipel V, Windisch W, Mahadeva R, Bals R, **Koczulla R**, Barrecheguren M, Miravittles M, Janciauskiene S, Stickel F, Lammert F, Liberal R, Genesca J, Griffiths WJ, Trauner M, Krag A, Trautwein C, Strnad P; European Alpha1-Liver Study Group.
Gastroenterology. 2019 May 20. pii: S0016-5085(19)40894-9. (IF: 19.23)
15. [Digital Health in Respiratory Medicine - Current Status].
Dreher M, Jany B, Nilius G, Woehrle H, **Koczulla R.**
Dtsch Med Wochenschr. 2019 Apr;144(7):457-462. (IF: 0.63)
16. COPD: Rethinking Patient Management - How to Approach a Challenging Patient Group Successfully. Jany BH, Bals R, Buhr-Schinner H, Dreher M, **Koczulla AR**, Jany L, Meyer A, Randerath W. Respiration. 2019;97(4):363-368. doi: 10.1159/000493759. Epub 2019 Mar 15. Review. (IF: 2.93)
17. [Easy come, easy go? Current strategies for maintaining the effects of pulmonary rehabilitation in COPD patients]. Spielmanns M, Ruprecht M, Schmid-Mohler G, **Koczulla AR**, Boeselt T. Ther Umsch. 2019;76(8):433-440. doi: 10.1024/0040-5930/a001118. Review. German. (IF: 0.05)
18. Measuring Sleep Quality and Efficiency With an Activity Monitoring Device in Comparison to Polysomnography.
Spielmanns M, Bost D, Windisch W, Alter P, Greulich T, Nell C, Storre JH, **Koczulla AR**, Boeselt T. J Clin Med Res. 2019 Dec;11(12):825-833. doi: 10.14740/jocmr4026. Epub 2019 Nov 24. (IF: 0.14)
19. The association of cognitive functioning as measured by the DemTect with functional and clinical characteristics of COPD: results from the COSYCONET cohort.
von Siemens SM, Pernecky R, Vogelmeier CF, Behr J, Kauffmann-Guerrero D, Alter P, Trudzinski FC, Bals R, Grohé C, Söhler S, Waschki B, Lutter JI, Welte T, Jörres RA, Kahnert K; COSYCONET study group Respir Res. 2019 Nov 14;20(1):257. doi: 10.1186/s12931-019-1217-5. (IF: 4.1)
20. [Exercise Training in Patients with Pulmonary Hypertension: A Systematic Review and Meta-analysis]. Glöckl R, Schneeberger T, Boeselt T, Kenn K, **Koczulla AR**, Held M, Oberhoffer R, Halle M. Pneumologie. 2019 Nov;73(11):677-685. doi: 10.1055/a-1005-8678. Epub 2019 Nov 12. German. (IF: 0.84)
21. Sleep and rheumatic diseases.
Boeselt T, **Koczulla R**, Nell C, Beutel B, Guenter K, Cassel W, Hildebrandt O, Koehler U, Kroenig J. Best Pract Res Clin Rheumatol. 2019 Jun;33(3):101434. doi: 10.1016/j.berh.2019.101434. Epub 2019 Sep 11. Review. (IF: 3.01)

22. [Working Conditions and Quality of Specialized Training in Respiratory Medicine in Germany - Status quo, Challenges and Perspectives].
Bahmer T, Wälscher J, Fisser C, Kreuter M, Karg O, Böing S, **Koczulla R**, Raspe M. *Pneumologie*. 2019 Oct;73(10):578-581. doi: 10.1055/a-1010-2863. Epub 2019 Oct 17. German. No **(IF: 0.84)**
23. Comparison of continuous flow versus demand oxygen delivery systems in patients with COPD: A systematic review and meta-analysis. Gloeckl R, Osadnik C, Bies L, Leitl D, **Koczulla AR**, Kenn K. *Respirology*. 2019 Apr;24(4):329-337. **(IF: 4.7)**
24. High-pressure non-invasive ventilation during exercise in COPD patients with chronic hypercapnic respiratory failure: A randomized, controlled, cross-over trial. Gloeckl R, Andrianopoulos V, Stegemann A, Oversohl J, Schneeberger T, Schoenheit-Kenn U, Hitzl W, Dreher M, **Koczulla AR**, Kenn K *Respirology*. 2019 Mar;24(3):254-261. **(IF: 4.7)**

Publikationen 2018

25. Long-Term Oxygen Therapy. **Koczulla** AR, Schneeberger T, Jarosch I, Kenn K, Gloeckl R. Dtsch Arztebl Int. 2018 Dec 24;115(51-52):871-877. **(IF: 4.46)**
26. Longitudinal stability of blood eosinophil count strata in the COPD COSYCONET cohort. Greulich T, Mager S, Lucke T, **Koczulla** AR, Bals R, Fähndrich S, Jörres RA, Alter P, Kirste A, Vogelmeier CF, Watz H. Int J Chron Obstruct Pulmon Dis. 2018 Sep 28;13:2999-3002. **(IF: 1.25)**
27. α 1-antitrypsin mitigates NLRP3-inflammasome activation in amyloid β_{1-42} -stimulated murine astrocytes. Ebrahimi T, Rust M, Kaiser SN, Slowik A, Beyer C, **Koczulla** AR, Schulz JB, Habib P, Bac JP. J Neuroinflammation. 2018 Sep 27;15(1):282. **(IF: 5.7)**
28. [Inhaled Triple Therapy in Severe Chronic Obstructive Pulmonary Disease (COPD)]. Gillissen A, Paparoupa M, Frings D, Atique B, **Koczulla** R. Pneumologie. 2018 Dec;72(12):832-842. **(IF: 0.84)**
29. [Expert Meeting: Integrated Care of the COPD Patients]. Jany B, Bals R, Buhr-Schinner H, Dreher M, **Koczulla** R, Jany L, Meyer A, Randerath W, Steinkamp G. Pneumologie. 2018 Sep;72(9):624-640. **(IF: 0.84)**
30. Cerebral oxygen availability during exercise in COPD patients with cognitive impairment. Andrianopoulos V, Vogiatzis I, Gloeckl R, Bals R, **Koczulla** RA, Kenn K. Respir Physiol Neurobiol. 2018 Aug;254:64-72. doi: 10.1016/j.resp.2018.05.001. Epub 2018 May 2. **(IF: 1.58)**
31. Ondine's curse and temporal lobe seizures: anti-Hu- and Zic4-associated paraneoplastic brainstem and limbic encephalitis. Kay L, Bauer S, **Koczulla** AR, Librizzi D, Vadasz D, Knake S, Rosenow F, Strzelczyk A. Eur J Neurol. 2018 May;25(5):e59-e60. doi: 10.1111/ene.13629. No abstract available. **(IF:4.38)**
32. Alpha 1 antitrypsin to treat lung disease in alpha 1 antitrypsin deficiency: recent developments and clinical implications. Chapman KR, Chorostowska-Wynimko J, **Koczulla** AR, Ferrarotti I, McElvaney NG. Int J Chron Obstruct Pulmon Dis. 2018 Jan 31;13:419-432. doi: 10.2147/COPD.S149429. eCollection 2018. Review. **(IF: 1.25)**
33. Non-invasive Detection of Bladder Tumors Through Volatile Organic Compounds: A Pilot Study with an Electronic Nose Heers H, Gut JM, Hegele A, Hofmann R, Boeselt T, Hattesoehl A, **Koczulla** AR. Anticancer Res. 2018 Feb;38(2):833-837. **(IF: 1.93)**

Publikationen 2017

34. Greulich T, Weist BJD, **Koczulla** AR, Janciauskiene S, Klemmer A, Lux W, Alter P, Vogelmeier CF. Prevalence of comorbidities in COPD patients by disease severity in a German population. *Respir Med.* 2017 Nov;132:132-138. doi: 10.1016/j.rmed.2017.10.007. Epub 2017 Oct 12. **(IF:3.2)**
35. Jarosch I, Hitzl W, **Koczulla** AR, Wencker M, Welte T, Gloeckl R, Janciauskiene S, Kenn K. Comparison of exercise training responses in COPD patients with and without Alpha-1 antitrypsin deficiency. *Respir Med.* 2017 Sep;130:98-101. doi: 10.1016/j.rmed.2017.07.009. Epub 2017 Jul 15. **(IF:3.2)**
36. Spielmanns M, Boeselt T, Nell C, Eckhoff J, **Koczulla** RA, Magnet FS, Storre JH, Windisch W, Baum K. Effect of Pulmonary Rehabilitation on Inspiratory Capacity During 6-min Walk Test in Patients With COPD: A PROSPECTIVE CONTROLLED STUDY. *J Cardiopulm Rehabil Prev.* 2017 Nov 8. doi: 10.1097/HCR.0000000000000285. **(IF:1.56)**
37. Gillissen A, Kähler CM, **Koczulla** AR, Sauer R, Paparoupa M. [COPD-Management, a comprehensive review]. *MMW Fortschr Med.* 2017 Nov;159(Suppl 3):32-43. doi: 10.1007/s15006-017-9594-5. **(IF: 0.03)**
38. Greulich T, Fischer H, Lubbe D, Nell C, Baumbach JI, Koehler U, Boeselt T, Vogelmeier C, **Koczulla** A. Obstructive sleep apnea patients can be identified by ion mobility spectrometry-derived smell prints of different biological materials. *J Breath Res.* 2017 Oct 30. doi: 10.1088/1752-7163/aa96e2 **(IF: 3.0)**
39. Engel M, Endesfelder D, Schloter-Hai B, Kublik S, Granitsiotis MS, Boschetto P, Stendardo M, Barta I, Dome B, Deleuze JF, Boland A, Müller-Quernheim J, Prasse A, Welte T, Hohlfeld J, Subramanian D, Parr D, Gut IG, Greulich T, **Koczulla** AR, Nowinski A, Gorecka D, Singh D, Gupta S, Brightling CE, Hoffmann H, Frankenberger M, Hofer TP, Burggraf D, Heiss-Neumann M, Ziegler-Heitbrock L, Schloter M, Zu Castell W. Influence of lung CT changes in chronic obstructive pulmonary disease (COPD) on the human lung microbiome. *PLoS One.* 2017 Jul 13;12(7):e0180859. doi: 10.1371/journal.pone.0180859 **(IF: 2.77)**
40. Gillissen A, Kähler CM, **Koczulla** AR, Sauer R. [COPD, an update of current management recommendations]. *MMW Fortschr Med.* 2017 Jun;159(12):56-59. doi: 10.1007/s15006-017-9851-7. Review. German **(IF: 0.03)**
41. Lorenz J, Bals R, Dreher M, Jany B, **Koczulla** R, Pfeifer M, Randerath W, Steinkamp G, Taube C, Watz H, Windisch W. Exacerbations of COPD *Pneumologie.* 2017 May;71(5):269-289. doi: 10.1055/s-0043-106559 **(IF: 0.84)**
42. Alter P, Boeselt T, Nell C, Spielmanns M, Kenn K, **Koczulla** AR. Feasibility and safety of whole-body vibration therapy in intensive care patients. *Crit Care.* 2017 Apr 13;21(1):91. doi: 10.1186/s13054-017-1669-2. **(IF: 6.9)**
43. Spielmanns M, Gloeckl R, Gropp JM, Nell C, **Koczulla** AR, Boeselt T, Storre JH, Windisch W. Whole-Body Vibration Training During a Low Frequency Outpatient Exercise Training Program in Chronic Obstructive Pulmonary Disease Patients: A Randomized, Controlled Trial. *J Clin Med Res.* 2017 May;9(5):396-402. doi: 10.14740/jocmr2763w. Epub 2017 Apr 1. **(IF: 1.18)**

44. Boeselt T, Nell C, Lütteken L, Kehr K, Koepke J, Apelt S, Veith M, Beutel B, Spielmanns M, Greulich T, Vogelmeier CF, Kenn K, Janciauskiene S, Alter P, **Koczulla** AR. Benefits of High-Intensity Exercise Training to Patients with Chronic Obstructive Pulmonary Disease: A Controlled Study. *Respiration*. 2017;93(5):301-310. doi: 10.1159/000464139 (IF: 2.93)
45. Spielmanns M, Müller K, Schott N, Winkler A, Polanski H, Nell C, Boeselt T, **Koczulla** AR, Storre JH, Windisch W, Magnet FS, Baum K. [Impact of a Senso-Motoric Intervention in COPD-Patients Participating in an Outpatient Pulmonary Rehabilitation Program: A Randomized Controlled Trial]. *Rehabilitation (Stuttg)*. 2017 Jun;56(3):159-166. doi: 10.1055/s-0042-119248 (IF:0.32)
46. Jung N, Rupp H, **Koczulla** AR, Vogelmeier CF, Alter P. Myocardial homing of mesenchymal stem cells following intrapericardial application and amplification by inflammation - an experimental pilot study. *Can J Physiol Pharmacol*. 2017 Sep;95(9):1064-1066. doi: 10.1139/cjpp-2016-0373 (IF:)
47. Spielmanns M, Meier A, Winkler A, Glöckl R, Nell C, **Koczulla** AR, Boeselt T, Alter P, Magnet F, Storre JH, Windisch W. [Pulmonary Rehabilitation after Acute Exacerbation of COPD Reduces the Rate of Reexacerbations]. *Dtsch Med Wochenschr*. 2017 Jan;142(2):e10-e19. doi: 10.1055/s-0042-121346. (IF:0.03)
48. Greulich T, Regner W, Branscheidt M, Herr C, **Koczulla** AR, Vogelmeier CF, Bals R. Altered blood levels of vitamin D, cathelicidin and parathyroid hormone in patients with sepsis-a pilot study. *Anaesth Intensive Care*. 2017 Jan;45(1):36-45. (IF: 2.38)
49. Spielmanns M, Axer F, Nell C, **Koczulla** AR, Boeselt T, Magnet F, Storre JH, Windisch W. [Outcome predictors for COPD patients hospitalized for acute exacerbation]. *Med Klin Intensivmed Notfmed*. 2017 Nov;112(8):708-716. doi: 10.1007/s00063-016-0245-x (IF: 0.69)
50. Spielmanns M, Boeselt T, Gloeckl R, Klutsch A, Fischer H, Polanski H, Nell C, Storre JH, Windisch W, **Koczulla** AR. Low-Volume Whole-Body Vibration Training Improves Exercise Capacity in Subjects With Mild to Severe COPD. *Respir Care*. 2017 Mar;62(3):315-323. doi: 10.4187/respcare.05154 (IF:2.07)
51. **Koczulla** AR, Vogelmeier CF, Garn H, Renz H. New concepts in asthma: clinical phenotypes and pathophysiological mechanisms. *Drug Discov Today*. 2017 Feb;22(2):388-396. doi: 10.1016/j.drudis.2016.11.008. Epub 2016 Nov 17 (IF: 6.8)
52. Greulich T, Nell C, Hohmann D, Grebe M, Janciauskiene S, **Koczulla** AR, Vogelmeier CF. The prevalence of diagnosed α 1-antitrypsin deficiency and its comorbidities: results from a large population-based database. *Eur Respir J*. 2017 Jan 4;49(1). pii: 1600154. doi: 10.1183/13993003.00154-2016. (IF: 12.24)

Publikationen 2016

53. Jarosch I, Gehlert S, Jacko D, **Koczulla** RA, Wencker M, Welte T, Bloch W, Janciauskiene S, Kenn K. Different Training-Induced Skeletal Muscle Adaptations in COPD Patients with and without Alpha-1 Antitrypsin Deficiency. *Respiration*. 2016;92(5):339-347. Epub 2016 Sep 30 (IF:2.93)
54. Stefan Peters, Angelika Kronseder, Stefan Karrasch, Petra A. Neff, Matz Haaks, **Andreas R. Koczulla**, Petra Reinhold, Dennis Nowak, Rudolf A. Jörres Hydrogen peroxide in exhaled air: a source of error, a paradox and its resolution *ERJ open research* DOI: 10.1183/23120541.00052-2015 (IF:2.41)
55. Boeselt T, Spielmanns M, Nell C, Storre JH, Windisch W, Magerhans L, Beutel B, Kenn K, Greulich T, Alter P, Vogelmeier C, **Koczulla** AR. Validity and Usability of Physical Activity Monitoring in Patients with Chronic Obstructive Pulmonary Disease (COPD). *PLoS One*. 2016 Jun 15;11(6):e0157229. doi: 10.1371/journal.pone.0157229. eCollection 2016. (IF: 2.7)
56. Greulich T, Nell C, Herr C, Vogelmeier C, Kotke V, Wiedmann S, Wencker M, Bals R, **Koczulla** AR. Results from a large targeted screening program for alpha-1-antitrypsin deficiency: 2003 - 2015. *Orphanet J Rare Dis*. 2016 Jun 10;11(1):75. doi: 10.1186/s13023-016-0453-8. (IF: 1.4)
57. The effects of smoking and smoking cessation on nasal mucociliary clearance, mucus properties and inflammation Utiyama DM, Yoshida CT, Goto DM, de Santana Carvalho T, de Paula Santos U, **Koczulla** AR, Saldiva PH, Nakagawa NK. *Clinics (Sao Paulo)*. 2016 Jul;71(6):344-50. doi: 10.6061/clinics/2016(06)10 (IF: 1.2)
58. Deepak R. Subramanian, Sumit Gupta, Dorothe Burggraf, Suzan J. vom Silberberg, Irene, Heimbeck, Marion S. Heiss-Neumann, Karl Haeussinger, Chris Newby, Beverley Hargadon, Vimal Raj, Dave Singh, Umme Kolsum, Thomas P. Hofer, Khaled Al-shair, Niklas Luetzen, Antje Prasse, Joachim Müller-Quernheim, Giorgio Benea, Stefano Leprotti, Piera Boschetto, Dorota Gorecka, Adam Nowinski, Karina Onisz, Wolfgang zu Castell, Michael Hagen, Imre Barta, Balázs Döme, Janos Strausz, Timm Greulich, Claus Vogelmeier, Andreas R. **Koczulla**, Ivo Gut, Jens Hohlfeld, Tobias Welte, Mahyar Lavae-Mokhtari, Loems Ziegler-Heitbrock, Christopher Brightling, David G Parr Emphysema- and airways-dominant COPD phenotypes defined by standardized quantitative CT *ERJ* 2016 [IF 10.5]
59. Gaida, Arne; Holz, Olaf; Nell, Christoph; Schuchardt, Sven; Lavae-Mokhtari, Bianca; Kruse, Lena; Boas, Ursula; Langejuergen, Jens; Allers, Maria; Zimmermann, Stefan; Vogelmeier, Claus; **Koczulla**, Andreas; Hohlfeld, Jens A dual center study to compare breath volatile organic compounds from smokers and non-smokers with and without COPD" Article reference: JBR-100360.R1 [IF 4,6]
60. Kirschbaum, B. Beutel, A. Rinke, P. Rexin, L. Fink, R. **Koczulla**, DK Bartsch Multifokale neuroendokrine Lungentumoren (MFLNET) – Entstehung, Diagnostik und Behandlung *Pneumologie*. 2016 Feb;70(2):123-9. doi: 10.1055/s-0041-110291 [IF 0]
61. Nupur Aggarwal, Janine Koepke, Nerea Matamala, Beatriz Martinez-Delgado, Maria Teresa Martinez, Heiko Golpon, Jan Stolk, Sabina Janciauskiene, A-Rembert **Koczulla** Alpha1-antitrypsin regulates transcriptional levels of serine proteases in blood mononuclear cells *Am. J. Resp. Crit Care* in press [IF 12,9]

62. Alter P, **Koczulla** AR, Nell C, Figiel JH, Vogelmeier CF, Rominger MB Wall stress determines systolic and diastolic function - Characteristics of heart failure. *Int J Cardiol.* 2016 Jan 1;202:685-93. doi: 10.1016/j.ijcard.2015.09.032. [IF 4,03]

Publikationen 2015

63. Maike Gold*; A-Rembert **Koczulla***; David Mengel*; Janine Koepke; Richard Dodel; Geurgana Dontcheva; Pardes Habib; Jan-Philipp Bach Reduction of glutamate-induced excitotoxicity in murine primary neurons involving calpain inhibition *Journal of Neurological Sciences** shared authorship, 2015 in press [IF 2,47]
64. Tobias Boeselt, Christoph Nell, Katharina Kehr; Angélique Holland, Marc Dresel, Timm Greulich, Bjoern Tackenberg, Klaus Kenn, Johannes Boeder, Benjamin Klapdor, Andreas Kirschbaum, Claus Vogelmeier, Peter Alter, Andreas Rembert **Koczulla**, Whole Body Vibration Therapy in Intensive Care Patients *Journal of Rehabilitation Medicine* 2015 in press [IF 2,45]
65. Alter P, Glück T, Figiel JH, **Koczulla** AR, Vogelmeier CF, Rupp H. From Heart Failure to Highly Unsaturated Fatty Acid Deficiency and Vice Versa: Bidirectional Heart and Liver Interactions. *Can J Cardiol.* 2015 May 30. pii: S0828-282X(15)00401-8. doi: 10.1016/j.cjca.2015.05.019] [IF 3,94]
66. Ferrarotti I., Poplawska-Wisniewska B., Trevisan M.T., Koepke J., Marc Dresel, **Koczulla** R, Ottaviani S., Baldo R., Gorrini M., Sala G., Cavallon L., Welte T., Chorostowska-Wynimko J., Luisetti M., Janciauskiene S. How can we improve the detection of alpha1-antitrypsin deficiency? *Plos one* 2015 Aug 13;10(8):e0135316. doi: 10.1371/journal.pone.0135316 [IF 3,5]
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