

Publications - Malcolm Kohler

Originals

1. Basler S, Fricke K, Sievi NA, Arvaji A, Schmidt F, Herth J, Baur DM, Sinues P, **Kohler M**, Ulrich S, Lichtblau M. Exploring Breath Metabolomics as a Non-Invasive Tool for Detecting Pulmonary Vascular Disease. *Eur Heart J open* 2025; in press.
2. Pocrncic S, Herzig J, Benning L, Mollet M, Bradicich M, Lichtblauf M, Mayer L, **Kohler M**, Ulrich S, Schwarz EI. Bicarbonate from arterial blood gas analysis as predictor of sleep related hypoventilation – a diagnostic accuracy study. *BMJ open Respiratory Research* 2025; in press.
3. Steinack C, Roeder M, Vesenbeckh S, Haberecker M, Rüschoff JH, Hage R, Ulrich S, **Kohler M**, Schuurmans M, Franzen DP, Gaisl T. Transbronchial cryobiopsy alone versus combined with traditional forceps biopsy for acute cellular rejection in lung transplant recipients. A diagnostic randomized trial. *J Heart Lung Transplantation open* 2025; in press.
4. Steinack C, Rüschoff JH, Roeder M, Vesenbeckh SM, Ulrich S, **Kohler M**, Nowack M, Haberecker M, Franzen DP, Gaisl T. Diagnosis of peripheral pulmonary lesions using forceps and 1.1 or 1.7 mm cryoprobes. A randomised trial. *Respiration* 2025; in press.
5. Meszaros M, Breuss A, Wilhelm E, Riener R, **Kohler M**, Schwarz EI. Robotic beds for the treatment of positional sleep apnea – a randomized cross-over pilot trial. *Sleep Med* 2005; doi.org/10.1016/j.sleep.2025.02.025.
6. Basler SU, Sievi N, Schmidt F, Fricke K, Arvaji A, Herth J, Baur D, Sinues P, Ulrich S, **Kohler M**. Molecular breath profile of acute COPD exacerbations. *J Breath Res* 2024 Dec 16;19(1). doi: 10.1088/1752-7163/ad9ac4.
7. Kuhn M, Clarenbach CF, Kläy A, **Kohler M**, Mayer LC, Lüchinger M, Andrist B, Radtke T, Haile SR, Sievi NA, Kohlbrenner D. Exploring immediate cardiorespiratory responses: low-intensity blood flow restricted cycling vs. moderate-intensity traditional exercise in a randomized crossover trial. *BMC Sports Sci Med Rehabil.* 2024 Aug 15;16(1):172. doi: 10.1186/s13102-024-00951-0.
8. Musli N, Baumgartner P, Meier M, Thiel S, Rampini SK, Battegay E, **Kohler M**, Van Rooij F, Kuratle T, Steinack C, Saxena S, Gaisl T. The Swiss prison study (SWIPS): results from a public health registry of prisoners in Switzerland from 2015 to 2020. *Swiss Med Weekly* 2024 Jul 30;154:3351. doi: 10.57187/s.3351.
9. Herth J, Schmidt F, Sievi NA, **Kohler M**. Exhaled breath analysis in patients with potentially curative lung cancer undergoing surgery: a longitudinal study. *J Breath Res* 2024 May 17;18(3). doi: 10.1088/1752-7163/ad48a9.
10. Fricke K, Sievi NA, Schmidt F, Schuurmans M, **Kohler M**. Efficacy of surveillance bronchoscopy versus clinically-indicated bronchoscopy for detection of acute lung transplant rejection: a systematic review and meta-analysis. *ERJ Open Res* 2024 Oct 7;10(5):00404-2024. doi: 10.1183/23120541.00404-2024.
11. Müller J, Schneider SR, Titz A, Thalmann C, Schwarz EI, Bauer C, Grünig E, **Kohler M**, Lichtblau M, Ulrich S. Effect of eccentric cycling on oxygen uptake and hemodynamics in patients with pulmonary vascular disease. A randomized controlled, cross-over trial. *Chest Pulmonary* 2024; in press.

12. Müller J, Schneider SR, Titz A, Thalmann C, Schwarz EI, Bauer C, Grünig E, **Kohler M**, Lichtblau M, Ulrich S. Submaximal, low dose eccentric vs. traditional cycling exercise: Reduced oxygen uptake and pulmonary artery pressure assessed by echocardiography in healthy middle-aged adults. A randomized controlled, crossover trial. *Archives of Rehabilitation Research and Clinical Translation* 2024 Mar 13;6(2):100331. doi: 10.1016/j.arrct.2024.100331.
13. Abu Hussein NS, Giezendanner S, Urwyler P, Bridevaux PO, Chhajed PN, Geiser T, Joos Zellweger L, **Kohler M**, Miedinger D, Pasha Z, Thurnheer R, Von Garnier C, Leuppi JD. Risk factors for recurrent exacerbations in the general-practitioner-based Swiss chronic obstructive pulmonary (COPD) cohort. *J Clin Med* 2023 Oct 20;12(20):6636. doi: 10.3390/jcm12206636.
14. Mangold V, Boesing M, Berset C, Bridevaux PO, Geiser T, Joos-Zellweger L, **Kohler M**, Lüthi-Corridori G, Maier S, Miedinger D, Tamm M, Thurnheer R, Von Garnier C, Leuppi JD. Adherence to GOLD guidelines in primary care. Data from the Swiss COPD cohort. *J Clin Med* 2023; 12, 6636.
15. Kleinsorge L, Pasha Z, Abu Hussein N, Bridevaux PO, Chhajed PN, Geiser T, Joos Zellweger L, **Kohler M**, Meier S, Miedinger D, Tamm M, Thurnheer R, Urwyler P, Von Garnier C, Leuppi JD. The integration of GOLD guidelines in the primary care sector – a longitudinal cohort study. *Swiss Med Weekly* 2023 Nov 4;153(11):40114. doi: 10.57187/smw.2023.40114.
16. Lechner A, Herzig J, Kientsch J, **Kohler M**, Bloch KE, Ulrich S, Schwarz ES. Cardiomyopathy as cause of death in Duchenne muscular dystrophy – a longitudinal observational study. *ERJ open Res.* 2023 Sep 18;9(5):00176-2023. doi: 10.1183/23120541.00176-2023.
17. Malesevic S, Sievi NA, Schmidt D, Vallelian F, Jelcic I, **Kohler M**, Clarenbach CF. Physical health-related quality of life improves over time in post-COVID-19 patients. *J. Clin. Med.* 2023, 12, 4077. <https://doi.org/10.3390/jcm12124077>
18. Beaugrand M, Jaramillo V, Markovic A, Huber R, **Kohler M**, Schoch SFS, Kurth S. Lack of association between behavioral development and simplified topographical markers of the sleep EEG in infancy. *Neurobiology of Sleep and Circadian Rhythms* 2023 Jun 19;15:100098. doi: 10.1016/j.nbscr.2023.100098.
19. Stefan Malesevic, Noriane A Sievi, Patrick Baumgartner, Katharina Roser, Grit Sommer, Dörthe Schmidt, Florence Vallelian, Ilijas Jelcic, Christian F Clarenbach, **Malcolm Kohler**. Impaired Health-related Quality of Life in Long-COVID syndrome after mild to moderate COVID-19. *Sci Reports.* 2023;13:7717.
20. Roeder M, Sievi NA, Frey N, Schwarz EI, Steinack C, Gaisl T, **Kohler M**. The effect of longitudinal sleep monitoring on clinician agreement in obstructive sleep apnea diagnosis: The ELSA study. *J Sleep Res.* 2024 Apr;33(2):e13943. doi: 10.1111/jsr.13943.
21. Schoch S, Jaramillo V, Markovic A, Huber R, **Kohler M**, Jenni O, Lustenberger C, Kurth S. Bedtime to the brain: How infants' sleep behaviours intertwine with NREM sleep EEG features, *J Sleep Res* 2023; DOI: 10.1111/jsr.13936
22. Malesevic S, Sievi NA, Herth J, Schmidt F, Schmidt D, Vallelian F, Jelcic I, Jungblut L, Frauenfelder T, **Kohler M**, Martini K, Clarenbach CF. Chest CT findings after mild COVID-19 do not explain persisting respiratory symptoms: an explanatory study. *Diagnostics* 2023; 13, 1616.

23. Weber R, Streckenbach B, Welti L, Inci D, **Kohler M**, Perkins N, Zenobi R, Micic S, Moeller A. Online breath analysis with SESI/HRMS for metabolic signatures in children with allergic asthma. *Front Mol Biosci.* 2023 Mar 31;10:1154536. doi: 10.3389/fmolb.2023.1154536.
24. Sievi NA, Sepin J, Roeder M, Brack T, Brutsche MH, Frey M, Irani S, Leuppi J, Thurnheer R, Clarenbach CF, **Kohler M**. Are predictors for overall-mortality in COPD patients robust over time? *J Clin Med.* 2023;12(4):1587.
25. Jaramillo V, Schoch SF, Markovic A, **Kohler M**, Huber R, Lustenberger C, Kurth S. An infant sleep electroencephalographic marker of thalamocortical connectivity predicts behavioral outcome in late infancy. *Neuroimage.* 2023 Apr 1;269:119924. doi: 10.1016/j.neuroimage.2023.119924.
26. Markovic A, Schoch SF, Huber R, **Kohler M**, Kurth S. The Sleeping Brain's Connectivity and Family Environment: Characterizing Sleep EEG Coherence in an Infant Cohort. *Sci Rep.* 2023 Feb 4;13(1):2055. doi: 10.1038/s41598-023-29129-3.
27. Roeder M, Sievi NA, Malesevic S, Gaisl T, Franzen D, **Kohler M**. Arterial Stiffness in Patients with Sarcoidosis and Obstructive Sleep Apnea. *J Vasc Dis* 2023; in press.
28. Baumgartner P, Rejmer P, Osswald M, Malesevic S, Sievi NA, Roeder M, Herth J, Stämpfli S, Clarenbach CF, Tanner F, Gaisl T, **Kohler M**. Augmentation index in patients with thoracic aortic aneurysm: a matched case-control study. *J Cardiovasc Dev Dis.* 2022 Dec 23;10(1):6. doi: 10.3390/jcdd10010006.
29. Streckenbach B, Sakas J, Perkins N, **Kohler M**, Moeller A, Zenobi R. A gas-phase standard delivery system for direct breath analysis. *J Breath Res.* 2022 Dec 29;17(1). doi: 10.1088/1752-7163/acab79.
30. Schmidt F, Nowak N, Baumgartner P, Gaisl T, Malesevic S, Streckenbach B, Sievi NA, Schwarz EI, Zenobi R, Brown SA, **Kohler M**. Severe obstructive sleep apnoea disrupts vigilance state-dependent metabolism. *Int J Mol Sci.* 2022 Nov 14;23(22):14052. doi: 10.3390/ijms232214052.
31. Singh K, Gisler A, **Kohler M**, Sinues P. An interoperability framework for multicentric breath metabolomic studies. *iScience.* 2022 Nov 15;25(12):105557. doi: 10.1016/j.isci.2022.105557.
32. Streckenbach B, Osswald M, Malesevic S, Zenobi R, **Kohler M**. Validating discriminative metabolites for obstructive sleep apnea in exhaled breath. *Cells.* 2022 Sep 24;11(19):2982. doi: 10.3390/cells11192982.
33. Schmucki K, Hofmann P, Fehr T, Inci I, **Kohler M**, Schuurmans M. Mammalian Target of Rapamycin Inhibitors and Kidney Function after Thoracic Transplantation: A Systematic Review and Recommendations for Management of Lung Transplant Recipients. *Transplantation.* 2023 Jan 1;107(1):53-73. doi: 10.1097/TP.0000000000004336.
34. Weber FJ, Latshang TD, Blum MR, **Kohler M**, Wertli MM. Prognostic factors, disease course and treatment efficacy in Duchenne muscular dystrophy: A systematic review and meta-analysis. *Muscle Nerve.* 2022 Oct;66(4):462-470. doi: 10.1002/mus.27682.
35. Roeder M, Sievi NA, Schneider A, Osswald M, Malesevic S, Kolios A, Nilson J, **Kohler M**, Franzen D. The Prevalence of Obstructive Sleep Apnea in Sarcoidosis and its Impact on Sleepiness, Fatigue, and Sleep-Associated quality of Life. A Cross-Sectional Study With Matched Controls (The OSASA Study). *J Clin Sleep Med.* 2022 Oct 1;18(10):2415-2422. doi: 10.5664/jcsm.10140.

36. Schoch SF, Castro-Meija JL, Krych, L, Kot W, Leng B, **Kohler M**, Huber R, Rogler G, Biedermann L, Walser JC, Nielsen DS, Kurth S. From Alpha Diversity to Zzz: How sleep, the brain, and gut bacteria interact in healthy development. *Prog Neurobiol*. 2021;209:102208.
37. Osswald M, Kohlbrenner D, Nowak N, Spoerri J, Sinues P, Nieman D, Sievi NA, Scherr J, **Kohler M**. Real-time Monitoring of Metabolism during Exercise by Exhaled Breath. *Metabolites*. 2021;11(12):856.
38. Huebner ST, Henny S, Giezendanner S, Brack T, Brutsche M, Chhajed P, Clarenbach CF, Dieterle T, Egli A, Frey M, Heijnen I, Irani S, Sievi NA, Thurnheer R, Trendelenburg M, **Kohler M**, Leuppi – Taegtmeyer AB, Leuppi JD. Prediction of acute COPD exacerbation in the Swiss multicentre COPD cohort study (TOPDOCS) by clinical parameters, medication-use and immunological biomarkers. *Respiration*. 2021; 23:1-14.
39. Gaisl T, Turnbull C, Weimann G, Unger S, Finger R, Xing C, Cistulli P, West S, Chiang A, Eckert D, Stradling J, **Kohler M**. BAY 2253651 for the treatment of obstructive sleep apnea: A multi-center, double-blind, randomized controlled trial. *Eur Respir J*. 2021 ;58(5):2101937.
40. Blume C, Schoch SF, Vienneau D; Rösli M, **Kohler M**, Moeller A, Kurth S, Usemann J. Association of transportation noise with sleep during the first year of life: a longitudinal study Corresponding. *Environ Res*. 2022 Jan;203:111776. doi: 10.1016/j.envres.2021.111776.
41. Kowalski B, Valaperti A, Steiner UC, Scholtze D, Wieser S, Von Ow-Eisenring M, Widmer A, Bezel P, **Kohler M**, Franzen D. Analysis of Cytokines in Serum and Bronchoalveolar Lavage Fluid in Patients with Immune-Checkpoint Inhibitor Associated Pneumonitis: a cross sectional case-control study. *J Cancer Res Clin Oncol*. 2022 Jul;148(7):1711-1720. doi: 10.1007/s00432-021-03750-z.
42. Nowak N, Gaisl T, Miladinovic D, Marcinkevics R, Osswald M, Bauer S, Buhmann J, Zenobi R, Sinues P, Brown SA, Kohler M. Rapid and reversible control of human metabolism by individual sleep states. *Cell Reports* 2021;37:109903.
43. Nowak N, Engler A, Thiel S, Stoeberl A, Sinues P, Zenobi R, **Kohler M**. Validation of breath biomarkers for obstructive sleep apnea. *Sleep Med*. 2021;85:75-86.
44. Theiler M, Knopf N, Von der Heydt S, Schwieger-Briel A, Luchsinger I, Smith A, Kernland-Lang K, Waelchli R, Neuhaus K, **Kohler M**, Gnannt R, Schoch S, Weibel L, Kurth S. Sleep behavior of infants with infantile hemangioma treated with propranolol - a cohort study. *Eur J Pediatr*. 2021;180(8):2655-2668.
45. Singh KD, Osswald M, Ziesenitz V, Usemann J, Imbach L, **Kohler M**, van den Anker J, Garcia-Gomez D, Frey U, Datta A, Sinues P. Personalized therapeutic management of epileptic patients guided by pathway-driven breath metabolomics. *Commun Med (Lond)*. 2021 Aug 2;1:21. doi: 10.1038/s43856-021-00021-3.
46. Kato et al. Prognostic impact of acute pulmonary triggers in patients with Takotsubo syndrome: new insights from the international Takotsubo registry. *ESC Heart Failure* 2021;8(3):1924-1932.

47. Tamò R, Turk T, Böni J, Kouyos RD, Schmutz S, Huber M, Shah C, Bischoff-Ferrari HA, Distler O, Battegay E, Giovanoli P, Guckenberger M, **Kohler M**, Müller R, Petry H, Ruschitzka F, McGeer A, Sax H, Weber R, Trkola A, Kuster SP. Secondary attack rates from asymptomatic and symptomatic influenza virus shedders in hospitals: Results from the TransFLUas influenza transmission study. *Infect Control Hosp Epidemiol.* 2021;1-7.
48. Rassouli F, Germann A, Baty F, **Kohler M**, Stolz D, Thurnheer R, Brack T, Kähler C, Widmer S, Tschirren U, Sievi N, Tamm M, Brutsche M. Telehealth mitigates COPD disease progression compared to standard of care – a randomized controlled crossover trial. *J Intern Med* 2021;289(3):404-410.
49. Schoch SF, Huber R, **Kohler M**, Kurth S. Which are the central aspects of infant sleep? The dynamics of sleep composites across infancy. *Sensors* 2020;20(24):7188.
50. Kuster SP, Böni J, Kouyos RD, Huber M, Schmutz S, Shah C, Bischoff-Ferrari HA, Distler O, Battegay E, Giovanoli P, Guckenberger M, **Kohler M**, Müller R, Petry H, Ruschitzka F, McGeer A, Coleman BL, Sax H, Weber R, Trkola A. Absenteeism and presenteeism in healthcare workers due to respiratory illness. *Infect Control Hosp Epidemiol.* 2021;42(3):268-273.
51. Kohlbrenner D, Clarenbach CF, Thiel S, Roeder M, **Kohler M**, Sievi NA. A few more steps lead to improvements in endothelial function in severe and very severe COPD. *Respir Med.* 2021;176:106246.
52. Bezel P, Valaperti A, Steiner UC, Scholtze D, Wieser S, Vonow-Eisenring M, Widmer A, Kowalski B, **Kohler M**, Franzen D. Evaluation of cytokines in the tumor microenvironment of lung cancer using bronchoalveolar lavage fluid analysis. *Cancer Immunol Immunother.* 2021;70(7):1867-1876.
53. Huber FL, Furian M, **Kohler M**, Latshang T, Nussbaumer Y, Turk A, Schoch OD, Laube I, Thurnheer R, Bloch KE. Health preference measures in patients with obstructive sleep apnea syndrome undergoing CPAP therapy. Data from a randomized trial. *Respiration.* 2021;100(4):328-338.
54. Gaisl T, Rejmer P, Baumgartner P, Sievi NA, Siegfried S, Roeder M, Stämpfli S, Thurnheer R, Tanner F, Stradling JR, **Kohler M**. Obstructive sleep apnea and the progression of thoracic aortic aneurysm: a prospective cohort study. *Eur Respir J.* 2021 May 6;57(5):2003322.
55. Gaisl T, Musli N, Baumgartner P, Meier M, Rampini SK, Blozik E, Battegay E, **Kohler M**, Saxena S. The Swiss Prison Study (SWIPS): Protocol for a public health registry among prisoners. *JMIR Res Protoc.* 2020;9(12):e23973.
56. Kohlbrenner D, Sievi NA, Senn O, **Kohler M**, Clarenbach CF. Long-term effects of pedometer-based physical activity coaching in severe COPD: a randomized controlled trial. *Int J Chron Obstruct Pulmon Dis.* 2020;15:2837-2846.
57. Bradicich M, Sievi NA, Grewe FA, Gasperetti A, **Kohler M**, Schwarz EI. Nocturnal heart rate variability in obstructive sleep apnoea: a cross-sectional analysis of the Sleep Heart Health Study. *J Thorac Dis.* 2020;12:S129-S138.
58. Roeder M, Sievi N, Bradicich M, Grewe F, Siegfried S, Gaisl T, **Kohler M**. The accuracy of repeated sleep studies in obstructive sleep apnoea: a longitudinal observational study with 14 nights of oxygen saturation monitoring. *Chest* 2021 ;159(3):1222-1231.

59. Tang I, Turnbull CD, Sen D, Craig SE, **Kohler M**, Stradling JR. The effect of CPAP on cardiovascular events in minimally symptomatic OSA: Long-term follow-up of the MOSAIC randomised controlled trial. *BMJ Open Respir Res.* 2020;7(1):e000742.
60. Roeder M, Thiel S, Baumann F, Sievi NA, Rohrbach M, **Kohler M**, Gaisl T. Increased augmentation index in patients with Ehlers-Danlos syndrome. *BMC Cardiovasc Disord.* 2020;20(1):417.
61. Wilhelm E, Crivelli F, Gerig N, **Kohler M**, Riener R. The anti-snoring bed – a pilot study. *Sleep Science and Practice* 2020; in press.
62. Roeder M, Bradicich M, Gaisl T, Thiel S, Schwarz EI, Held U, **Kohler M**. Night-to-night variability of respiratory events in obstructive sleep apnoea: a systematic review and meta-analysis. *Thorax.* 2020;75(12):1095-1102.
63. Stahel RA, Curioni A, Rohrmann S, Dafni U, Sandner U, Opitz I, Andratschke N, Franzen D, Dimopoulou G, Matthes KL, **Kohler M**, Guckenberger M, Weder W. Survival outcome of non-small cell lung cancer patients: Comparing results between the database of the comprehensive Cancer Center Zürich and the Epidemiological Cancer Registry Zurich and Zug. *Lung Cancer.* 2020;146:217-223.
64. Roeder M, Sievi NA, **Kohler M**, Schwarz EI. Predictors of changes in subjective daytime sleepiness in response to CPAP therapy withdrawal in OSA – a post-hoc analysis. *J Sleep Res.* 2021;30(2):e13078.
65. Schmid-Mohler G, Clarenbach C, Brenner G, **Kohler M**, Horvath E, Spielmanns M, Petry H. Advanced Nursing Practice in COPD exacerbations: The solution for a gap in Switzerland? *ERJ open Res* 2020;6:00354-2019.
66. Grewe FA, Sievi NA, Bradicich M, Roeder M, Brack T, Brutsche MH, Frey M, Irani S, Leuppi JD, Thurnheer R, Clarenbach C, **Kohler M**. Compliance of pharmacotherapy with GOLD-guidelines: a longitudinal study in patients with COPD. *Int J Chron Obstruct Pulmon Dis.* 2020;15:627-635.
67. Kohlbrenner D, Sievi NA, Thurnheer R, Leuppi JD, Irani S, Frey M, Brutsche M, Brack T, **Kohler M**, Clarenbach CF. Handgrip Strength seems not to be affected by COPD Disease Progression: a longitudinal Cohort Study. *COPD* 2020;17(2):150-155.
68. Grewe FA, Roeder M, Bradicich M, Schwarz EI, Held U, Thiel S, Gaisl T, Sievi NA, **Kohler M**. Low repeatability of Epworth Sleepiness Scale after short intervals in a sleep clinic population. *J Clin Sleep Med.* 2020;16(10):1829-1830.
69. Sievi NA, Brack T, Brutsche MH, Frey M, Irani S, Leuppi JD, Thurnheer R, **Kohler M**, Clarenbach CF. “Can do, don’t do” are not the lazy ones: a longitudinal study on physical functioning in patients with COPD. *Respir Res.* 2020;21(1):27.
70. Roeder M, Sievi NA, Kohlbrenner D, Clarenbach CF, **Kohler M**. Arterial stiffness increases over time in relation to lung diffusion capacity: a longitudinal observation study in COPD. *Int J Chron Obstruct Pulmon Dis.* 2020;15:177-187.
71. Gaisl T, Rejmer P, Thiel S, Haile S, Osswald M, Roos M, Bloch K, Stradling J, **Kohler M**. Effects of suboptimal adherence of CPAP-therapy on symptoms of obstructive sleep apnea: a randomized, double-blind, controlled trial. *Eur Respir J.* 2020;55(3):1901526.

72. Greulich T, Altraja A, Barrecheguren M, Bals R, Chlumsky J, Chorostowska-Wynimko J, Clarenbach C, Corda L, Corsico A, Ferrarotti I, Esquinas C, Gouder C, Hecimovic A, Ilic A, Ivanov Y, Janciauskiene S, Janssens W, **Kohler M**, Krams A, Lara B, Mahadeva R, McElvaney G, Mornex JF, O'Hara K, Parr D, Piitulainen E, Schmid-Scherzer K, Seersholm N, Stockley R, Stolk J, Sucena M, Tanash H, Turner A, Ulmeneau R, Wilkens M, Yorgancioglu A, Zaharie A, Miravittles M. Protocol for the EARCO-Registry: A Pan-European Observational Study in Patients With Alpha-1 Antitrypsin Deficiency. *ERJ Open Res.* 2020;6(1):00181-2019.
73. Michalovich D, Rodriguez-Perez N, Smolinska S, Pirozynski M, Mayhew D, Uddin S, Van Horn S, Sokolowska M, Altunbulakli C, Eljaszewicz A, Pugin B, Barcik W, Kurnik-Lucka M, Saunders K, Simpson K, Schmid-Grendelmeier P, Ferstl R, Frei R, Sievi N, **Kohler M**, Gajdanowicz P, Graversen K, Bøgh K, Jutel M, Brown J, Akdis C, Hessel E, O'Mahony L. Obesity and Disease Severity Magnify Disturbed Microbiome-Immune Interactions in Asthma Patients. *Nature Commun* 2019;10:5711.
74. Thiel S, Gaisl T, Lettau F, Boss A, Winklhofer S, **Kohler M**, Rossi C. Impact of hypertension on cerebral microvascular structure in obstructive sleep apnoea patients: a diffusion magnetic-resonance imaging study. *Neuroradiology* 2019;61:1437-1445.
75. Schwarz EI, Haile S, Scherff F, Steier J, **Kohler M**. Effect of Treatment of CSA/CSR on LVEF in Heart Failure - A Network Meta-Analysis. *Journal of Clinical Sleep Medicine* 2019;15:1817-1825.
76. Gaisl T, Baumgartner P, Rejmer P, Osswald M, Roeder M, Thiel S, Staempfli S, Clarenbach C, Tanner F, **Kohler M**. Prevalence of obstructive sleep apnea in patients with thoracic aortic aneurysm: A prospective, parallel cohort study. *Respiration* 2020;99:19-27.
77. Thiel S, et al. Endocrine responses during CPAP-withdrawal in obstructive sleep apnoea: data from two randomised controlled trials. *Thorax* 2019;74:1102-1105.
78. Speck NE, Probst-Müller E, Haile SR, Benden C, **Kohler M**, Huber LC, Robinson CA. Bronchoalveolar lavage cytokines are of minor value to diagnose complications following lung transplantation. *Cytokine* 2020;125:154794.
79. LeBourgeois M, Dean D, Deoni S, **Kohler M**, Kurth S. A simple sleep EEG marker in childhood predicts brain myelin 3.5 years later. *NeuroImage* 2019;199:342-350.
80. Schwarz H, Böni J, Kouyos RD, Turk T, Battegay E, **Kohler M**, Müller R, Petry H, Sax H, Weber R, McGeer A, Trkola A, Kuster SP. The TransFLUas influenza transmission study in acute healthcare - recruitment rates and protocol adherence in healthcare workers and inpatients. *BMC Infectious Dis* 2019;19:446.
81. Gaisl T, Haile SR, Osswald M, Thiel S, **Kohler M**. Efficacy of pharmacotherapy for OSA in adults: a systematic review and network meta-analysis. *Sleep Med Rev* 2019; 46:74-86.
82. Gaisl T, Nowak A, Sievi NA, Gerard N, Clarenbach CF, **Kohler M**, Franzen D. Obstructive sleep apnea and quality of life in Fabry disease A prospective parallel cohort study. *Sleep Breath.* 2020 Mar;24(1):95-101. doi: 10.1007/s11325-019-01832-4.
83. Schoch S, Jenni O, **Kohler M**, Kurth S. Actimetry in infant sleep research: an approach to facilitate comparability. *Sleep* 2019;42. Pii:zsz083.
84. Sievi NA, **Kohler M**, Thurnheer R, Leuppi JD, Irani S, Frey M, Brutsche M, Brack T, Clarenbach CF. No impact of exacerbation frequency and severity on the physical activity decline in COPD: a long-term observation. *Int J of COPD* 2019;14: 431-437.

85. Schwarz EI, Latshang TD, Furian M, Flück D, Segitz S, Müller-Mottet S, Ulrich S, Bloch KE, **Kohler M**. Blood pressure response to exposure to moderate altitude in patients with COPD. *Int J COPD* 2019;14: 659–666.
86. Gaugg M, Nussbaumer-Ochsner Y, Bregy L, Engler A, Stebler N, Gaisl T, Bruderer T, Nowak N, Sinues P, Zenobi R, **Kohler M**. Real-time breath analysis reveals specific metabolic signatures of COPD exacerbations. *Chest* 2019;156:269-276.
87. Urner LM, **Kohler M**, Bloch KE. Automatic Processing of Nasal Pressure Recordings to Derive Continuous Side-Selective Nasal Airflow and Conductance. *Frontiers in Physiology* 2019;9:1814.
88. Hofmann P, **Kohler M**, Benden C, Schuurmans MM. Tobacco use after Lung Transplantation: A retrospective analysis of patient characteristics, smoking cessation interventions and cessation success rates. *Transplantation* 2019;103:1260-1266.
89. Gaugg M, Engler A, Bregy L, Nussbaumer-Ochsner Y, Eiffert L, Bruderer T, Zenobi R, Martinez-Lozano Sinues P, **Kohler M**. Molecular breath analysis supports altered amino acid metabolism in idiopathic pulmonary fibrosis, *Respirology* 2019;24:437-444.
90. Thiel S, Lettau F, Rejmer P, Rossi C, Haile S, Schwarz E, Stöberl A, Sievi N, Boss A, Becker A, Winklhofer S, Stradling JR, **Kohler M**. Effects of short-term CPAP withdrawal on cerebral vascular reactivity measured by BOLD MRI in OSA: a randomised controlled trial. *Eur Respir J* 2019;53.pii:1801854.
91. Weigend S, Holst SC, Meier J, Brock M, **Kohler M**, Landolt HP. Prolonged waking and recovery sleep affect the serum microRNA expression profile in humans. *Clocks Sleep*. 2018 Nov 22;1(1):75-86. doi: 10.3390/clockssleep1010008.
92. Güntner AT, Kompalla JF, Landis H, Theodore SJ, Geidl B, Sievi NA, **Kohler M**, Pratsinis SE, Gerber PA. Guiding ketogenic diet with breath acetone sensors. *Sensors* 2018; 18: 3655; doi:10.3390/s18113655.
93. Stöberl AS, Gaisl T, Giunta C, Sievi NA, Singer F, Moeller A, Rohrbach M, **Kohler M**. Obstructive sleep apnea in children and adolescents with Ehlers Danlos syndrome. *Respiration* 2019;97:284-291.
94. Latshang TD, Tardent RPM, Furian M, Flueck D, Segitz SD, Mueller-Mottet S, **Kohler M**, Ulrich S, Bloch KE. Sleep and breathing disturbances in patients with chronic obstructive pulmonary disease travelling to altitude. *Randomized trial. Sleep* 2019; 42.
95. Crook S, Sievi NA, Bloch KE, Stradling JR, Frei A, Puhan MA, **Kohler M**. The minimum important difference of the Epworth Sleepiness Scale in obstructive sleep apnoea: estimation from three randomised controlled trials. *Thorax* 2019; 74:390-396.
96. Furian M, Flueck D, Latshang TD, Scheiwiller PM, Segitz SD, Mueller-Mottet S, Murer C, Steiner A, Ulrich S, Rothe T, **Kohler M**, Bloch KE. Exercise performance in lowlanders with COPD ascending to moderate altitude. *Randomized trial. Int J Chron Obstruct Pulmon Dis*. 2018 Oct 26;13:3529-3538. doi: 10.2147/COPD.S173039.
97. Turnbull CD, Sen D, **Kohler M**, Petousi N, Stradling JR. Effect of supplemental oxygen on blood pressure in OSA: a randomised, CPAP withdrawal trial. *Am J Respir Crit Care Med* 2018; doi: 10.1164/rccm.201802-0240OC.
98. Sievi NA, Brack T, Brutsche M, Frey M, Irani S, Leuppi J, Thurnheer R, **Kohler M**, Clarenbach CF. Physical activity declines in COPD while exercise capacity remains stable: a longitudinal study over 5 years. *Respir Med* 2018 Aug;141:1-6.

99. Tomonaga J, Schwenkglenks M, Ten Haaf K, Frauenfelder T, **Kohler M**, Kouyos R, Shilaih M, Lorez M, 'H.J. De Koning HJ, Puhan M. Cost-effectiveness of low-dose CT screening for lung cancer in a European country with high prevalence of smoking - A modelling study. *Lung Cancer* 2018;121:61-69.
100. Hofmann P, Benden C, **Kohler M**, Schuurmans M. Smoking Resumption after Heart or Lung Transplantation: A Systematic Review and Suggestions for Screening and Management. *J Thorac Dis* 2018; 10 :4609-4618.
101. Schlatzer C, Bratton DJ, Schwarz EI, Gaisl T, Pepperell J, Stradling JR, **Kohler M**. Effect of continuous positive airway pressure therapy on circadian patterns of cardiac repolarization in patients with obstructive sleep apnoea: data from a randomized trial. *J Thorac Dis* 2018;10 :4940-4948.
102. Sievi NA, Franzen D, **Kohler M**, Clarenbach CF. LVRS does not increase daily physical activity in patients with severe COPD. *J Thorac Dis* 2018;10(5):2722-2730.
103. Schwarz E, Furian M, Schlatzer C, Stradling J, **Kohler M**, Bloch K. Nocturnal cerebral hypoxia in obstructive sleep apnoea – a randomised controlled trial. *Eur Respir J* 2018; 51(5). pii: 1800032.
104. Gaisl T, Bregy L, Stebler N, Gaugg MT, Bruderer T, García-Gómez D, Moeller A, Singer F, Schwarz EI, Benden C, Martinez-Lozano Sinues P, Zenobi R, **Kohler M**. Real-time breath analysis in patients with cystic fibrosis and controls. *J Breath Res* 2018;12(3):036013.
105. Furian M, Hartmann SE, Latshang TD, Flueck D, Murer C, Scheiwiller PM, Osmonov B, Ulrich S, **Kohler M**, Poulin MJ, Bloch KE. Exercise performance in lowlanders with COPD at 2,590 m. Data from a randomized trial. *Respiration* 2018;95:422-432.
106. Diebold M, Soltermann A, Hottinger S, Haile S, Bubendorf L, Komminoth P, Jochum W, Grobholz R, Theegarten D, Berezowska S, Darwiche K, Oezkan F, **Kohler M**, Franzen D. Prognostic value of MIB-1 proliferation index in solitary fibrous tumors of the pleura implemented in a new score - A multicenter study. *Respir Res* 2017; 18(1):210.
107. Bregy L, Nussbaumer-Ochsner Y, Martinez-Lozano Sinues P, Garcia-Gomez D, Suter Y, Gaisl T, Stebler N, Gaugg MT, **Kohler M**, Zenobi R. Real-time mass spectrometric identification of metabolites characteristic of chronic obstructive pulmonary disease in exhaled breath. *Clinical Mass Spectrometry* 2018; 7: 29-35.
108. Carron T, Bridevaux PO, Lörvall K, Parmentier R, Moix JB, Chhajed PN, Dieterle T, Joos Zellweger L, **Kohler M**, Maier S, Miedinger D, Thurnheer R, Urwyler P, Tschopp MJM, Antille-Zürcher E, Leuppi JD, Burnand B, Peytremann-Bridevaux I. Feasibility, acceptability and effectiveness of integrated care for COPD patients: a mixed methods evaluation of a pilot community-based program. *Swiss Med Weekly* 2017;147:w14567.
109. Franzen D, Schad K, Kowalski B, Clarenbach CF, Stupp R, Dummer R, **Kohler M**. Ipilimumab and early signs of pulmonary toxicity in patients with metastatic melanoma: a prospective observational study. *Cancer Immunology, Immunotherapy* 2018; 67(1):127-134.
110. Clarenbach CF, Sievi NA, **Kohler M**. Annual progression of endothelial dysfunction in patients with COPD. *Respir Med* 2017;132:15-20.
111. Güntner AT, Sievi NA, Theodore SJ, Gulich T, **Kohler M**, Pratsinis SE. Non-invasive body fat burn monitoring from exhaled acetone with Si-doped WO₃ sensing nanoparticles. *Analytical Chemistry* 2017;89:10578-10584.

112. Markun S, Franzen D, Dalla Lana K, Beyer S, Wieser S, Hess T, **Kohler M**, Rosemann T, Senn O, Steurer-Stey C. Acute exacerbated COPD: room for improvement in key elements of care. *Int J COPD* 2017;12:2969-2975.
113. Bloch KE, Huber F, Furian M, Latshang T, LoCascio C, Nussbaumer Y, Senn O, Russi E, **Kohler M**, Schoch O, Turk A, Imhof E, Laube I, Matthews F, Thurnheer R. Auto-adjusted versus fixed CPAP for obstructive sleep apnoea. A multi-center randomised equivalence trial. *Thorax* 2018;73(2):174-184.
114. Gaugg M, Bruderer T; Nowak N; Eiffert L; Sinues P; **Kohler M**; Zenobi, R. Mass-spectrometric detection of omega-oxidation products of aliphatic fatty acids in exhaled breath. *Analytical Chemistry* 2017;89(19):10329-10334.
115. Gaugg M, Engler A, Nussbaumer-Ochsner Y, Bregy L, Stöberl AS, Gaisl T, Bruderer T, Zenobi R, **Kohler M**, Martinez-Lozano Sinues P. Metabolic effects of inhaled salbutamol determined by exhaled breath analysis. *J Breath Res* 2017;11(4):046004.
116. Isenring BD, Robinson C, Schuurmans M, **Kohler M**, Huber LC, Buergi U, Benden C. Lung transplant recipients on long-term extracorporeal photopheresis. *Clin Transplant* 2017;31. doi: 10.1111/ctr.13041.
117. Franzen D, Nowak A, Haile S, Mottet D, Bonani M, Dormond O, **Kohler M**, Kräyenbuehl PA, Barbey F. Long-term follow-up of pulmonary function in Fabry disease: a bi-center observational study. *PLoS One* 2017;12(7):e0180437.
118. Schuoler C, Haider T, Leuenberger C, Vogel J, Ostergaard L, Kwapiszewska G, **Kohler M**, Gassmann M, Huber LC, Brock M. Aquaporin 1 Controls the Functional Phenotype of Pulmonary Smooth Muscle Cells in Hypoxia-Induced Pulmonary Hypertension. *Basic Res Cardiol* 2017; 112:30.
119. Stöberl AS, Schwarz EI, Haile SR, Turnbull CD, Rossi VA, Stradling JR, **Kohler M**. Night to night variability of obstructive sleep apnoea. *J Sleep Res* 2017;26(6):782-788.
120. Rodriguez-Perez N, Schiavi E, Frei R, Ferstl R, Wawrzyniak P, Smolinska S, Sokolowska M, Sievi N, **Kohler M**, Schmid-Grendelmeier P, Michalovich D, Simpson K, Hessel EM, Jutel M, Martin-Fontecha MM, Palomares O, Akdis CA, O'Mahony L. Altered Fatty Acid Metabolism and Reduced Stearoyl-Coenzyme A Desaturase Activity in Asthma. *Allergy* 2017;72:1744-1752.
121. Lettau F, Schwarz EI, Stradling JR, **Kohler M**. Blood pressure variability in OSA - data from four randomised-controlled CPAP-withdrawal trials. *Respiration* 2017; 93:311-318.
122. Brock M, Hottinger S, Diebold M, Soltermann A, Jochum W, **Kohler M**, Huber LC, Franzen D. Low tissue levels of miR-125b predict malignancy in solitary fibrous tumors of the pleura. *Resp Res* 2017; 18:43.
123. Sievi NA, Brack T, Brutsche MH, Frey M, Irani S, Leuppi JD, Thurnheer R, **Kohler M**, Clarenbach CF. Accelerometer vs questionnaire-based assessment of physical activity and its changes over time in patients with COPD. *Int J of COPD* 2017; 12:1113-1118.
124. Fisser C, Marcinek A, Hetzenecker A, Debl K, Luchner A, Sterz U, Priefert J, Zeman F, **Kohler M**, Maier LS, Buchner S, Arzt M. Association of sleep-disordered breathing and disturbed cardiac repolarization in patients with ST-segment elevation myocardial infarction. *Sleep Med* 2017; 33:61-67.
125. Martinez-Lozano Sinues P, **Kohler M**, Brown SA, Zenobi R, Dallmann R. Gauging circadian variation in ketamine metabolism by real-time breath analysis. *Chem Comm* 2017; 53:2264-2267.

126. Robinson C, Huber LC, Murer C, Schuurmans M, **Kohler M**, Hofbauer GF, Benden C. Cessation of Extracorporeal Photophoresis in Chronic Lung Allograft Dysfunction: Effects on Clinical Outcome in Adults. *Swiss Medical Weekly* 2017;147:w14429. doi: 10.4414/smw.2017.14429.
127. Sievi N, Clarenbach CF, Haile S, Brack T, Brutsche M, Frey M, Irani S, Leuppi J, Thurnheer R, **Kohler M**. Determinants of annual change in physical activity in COPD. *Respirology* 2017;22:1133-1139.
128. Kuhn C, Schwarz EI, Bratton DJ, Rossi V, **Kohler M**. Effects of CPAP and MADs on health-related quality of life in OSA: a systematic review and meta-analysis. *Chest* 2017; 151:786-794.
129. Gaisl T, Giunta C, Bratton D, Sutherland K, Schlatzer C, Sievi N, Franzen D, Cistulli P, Rohrbach M, **Kohler M**. Obstructive Sleep Apnea and Quality of Life in Ehlers-Danlos Syndrome. A parallel cohort study. *Thorax* 2017;72:729-735.
130. Brock M, Schuoler C, Leuenberger C, Buehlmann C, Haider T, Vogel J, Ulrich S, Gassmann M, **Kohler M**, Huber L. Analysis of hypoxia-induced noncoding RNAs reveals MALAT1 as an important regulator of vascular smooth muscle cell proliferation. *Experimental Biology and Medicine* 2017; 242:487-496.
131. Spina G, et al. Analysis of nocturnal actigraphic sleep measures in patients with COPD and their association with daytime physical activity. *Thorax* 2017;72(8):694-701.
132. Clarenbach CF, Nicod LP, **Kohler M**. Real-world asthma management with inhaler devices in Switzerland – Results of the Asthma Survey. *J Thorac Dis* 2016; 8:3096-3104.
133. Mesquita R, et al. Physical activity patterns and clusters in 1001 patients with COPD. *Chron Respir Dis* 2017;14:256-269.
134. Turnbull C, Rossi V, Santer P, Schwarz EI, Stradling JR, Petousi N, **Kohler M**. The effect of obstructive sleep apnoea on hypoxic and inflammatory markers during CPAP withdrawal: Further evidence from three randomised control trials. *Respirology* 2017; 22:793-799.
135. Gaisl T, Bratton DJ, Heuss LT, **Kohler M**, Schlatzer C, Zalunardo MP, Frey M, Franzen D. Sedation during bronchoscopy: data from a nationwide sedation and monitoring survey. *BMC Pulm Med* 2016; 16:113.
136. Schwarz EI, Schlatzer C, Rossi V, Stradling JR, **Kohler M**. Effect of CPAP-withdrawal on blood pressure in OSA: data from three randomized-controlled trials. *Chest* 2016; 150:1202-1210.
137. Clarenbach CF, Sievi NA, Brock M, **Kohler M**, Huber LC. Periostin levels do not distinguish COPD patients with frequent and infrequent exacerbations. *Pulm Res Respir Med Open J* 2016; 3: 33-36.
138. Franzen D, Lim M, Bratton DJ, Kuster SP, **Kohler M**. The Roles of the Charlson Comorbidity Index and Time to First Antibiotic Dose as Predictors of Outcome in Pneumococcal Community-Acquired Pneumonia. *Lung* 2016; 194:769-775.
139. Garcia-Gomez D, Gaisl T, Bregy L, Cremonesi A, Martinez-Lozano Sinues P, **Kohler M**, Zenobi R. Real-time quantification of amino acids in the exhalome by secondary electrospray ionization - mass spectrometry: a proof-of-principle study. *Clinical Chemistry* 2016; 62:1230-1237.

140. Garcia-Gomez D, Gaisl T, Bregy L, Cremonesi A, Martinez-Lozano Sinues P, **Kohler M**, Zenobi R. Secondary electrospray ionization coupled to high-resolution mass spectrometry reveals tryptophan pathway metabolites in exhaled human breath. *Chemical Communications* 2016; 52:8526-8528.
141. Latshang TD, Saguner A, Duru F, Nussbaumer Y, Thurnheer R, Ulrich S, **Kohler M**, Kaufmann B, Furian M, Bloch KE. Patients with Obstructive Sleep Apnea have Cardiac Repolarization Disturbances when Travelling to Altitude: Randomized, Placebo-Controlled Trial of Acetazolamide. *Sleep* 2016; 39:1631-1637.
142. Hofmann P, Hombach M, Seifert B, Schuurmans M, Bürgi U, Isenring BD, Müller N, **Kohler M**, Benden C, Huber LC. Isolation of *Stenotrophomonas maltophilia* in asymptomatic Lung Transplant Recipients: Effects of Treatment on Eradication and Outcome. *Clinical Transplantation* 2016; 30: 857-863.
143. Schulze M, Grande B, Kolbe M, Kriech S, Nöthiger CB, **Kohler M**, Spahn DR, Franzen D. SafAIRway: an airway training for pulmonologists performing a flexible bronchoscopy with non-anesthesiologist administered propofol sedation. A prospective evaluation. *Medicine* 2016; 95: e3849.
144. Ayers L, Turnbull C, Petousi N, Ferry B, **Kohler M**, Stradling JR. Withdrawal of Continuous Positive Airway Pressure Therapy for 2 Weeks in Obstructive Sleep Apnoea Patients Results in Increased Circulating Platelet and Leucocyte-Derived Microvesicles. *Respiration* 2016; 91:412-413.
145. Latshang TD, Cusinatti DJ, Lo Cascio CM, Stoewhas AC, Stadelmann K, Tesler N, Achermann P, Huber R, **Kohler M**, Bloch KE. Actigraphy of wrist and ankle for measuring sleep duration in altitude travelers. *High Alt Med Biol* 2016; 17: 194-202.
146. Franzen D, Bratton D, Clarenbach CF, Freitag L, **Kohler M**. Target-controlled versus fractionated propofol sedation in flexible bronchoscopy: a randomised non-inferiority trial. *Respirology* 2016; 21: 1445-1451.
147. Pengo MF, Ratneswaran C, Berry M, Kent BD, **Kohler M**, Rossi GP, Steier J. The effect of continuous positive airway pressure on blood pressure variability in patients with obstructive sleep apnea. *J Clin Hypertens* 2016; 18:1180-1184.
148. Gaisl T, Wons A, Rossi V, Bratton D, Schlatzer C, Schwarz EI, Camen G, **Kohler M**. Simulated Obstructive Sleep Apnea Increases P-wave Duration and P-wave Dispersion. *PLoS One* 2016; 11(4):e0152994.
149. Sievi NA, Clarenbach CF, **Kohler M**. COPD and cardiac repolarization: data from a randomized-controlled trial. *Respiration* 2016; 91: 288-295.
150. Turnbull CD, Bratton DJ, Craig SE, **Kohler M**, Stradling JR. In patients with minimally symptomatic OSA can baseline characteristics and early patterns of CPAP usage predict those who are likely to be longer-term users of CPAP? *J Thorac Dis* 2016; 8: 276-281.
151. Schwarz EI, Schlatzer C, Stehli J, Kaufmann PA, Bloch KE, Stradling JR, **Kohler M**. Effect of CPAP withdrawal on myocardial perfusion in OSA - a randomized controlled trial. *Respirology* 2016; 21: 1126-1133.
152. Franzen D, Ciurea A, Bratton DJ, Clarenbach CF, Latshang TD, Russi EW, Kyburz D, **Kohler M**. Effect of rituximab on pulmonary function in patients with rheumatoid arthritis. *Pulmonary Pharmacology and Therapeutics* 2016; 37: 24-29.

153. Schlatzer C, Bratton D, Craig S, **Kohler M**, Stradling JR. ECG risk markers for atrial fibrillation and sudden cardiac death in minimally symptomatic obstructive sleep apnoea: The MOSAIC randomized trial. *BMJ Open* 2016; 6(3):e010150.
154. Gaugg M, Garcia Gomez D, Barrios-Collado C, Vidal-de-Miguel G, **Kohler M**, Zenobi R, Martinez-Lozano Sinues P. Expanding metabolite coverage of real-time breath analysis by coupling a universal secondary electrospray ionization source and high resolution mass spectrometry – a pilot study on tobacco smokers. *Journal of Breath Research* 2016; 10(1):016010.
155. Leuenberger C, Schuoler C, Bye H, Mignan C, Rechsteiner T, Hillinger S, Opitz I, Marsland B, Faiz A, Camici GG, **Kohler M**, Huber LC, Brock M. microRNA-223 controls the expression of histone deacetylase 2: a novel axis in COPD. *J Mol Med* 2016; 94: 725-734.
156. Bezel P, Tischler V, Robinson C, Baumüller S, Bode-Lesniewska B, **Kohler M**, Freitag L, Franzen D. Diagnostic value of bronchoalveolar lavage for diagnosis of suspected peripheral lung cancer. *Clin Lung Canc* 2016; 17:e151-e156.
157. Franzen D, Gerard N, Bratton D, Wons A, Gaisl T, Sievi N, Clarenbach CF, **Kohler M**, Kraysenbuehl PA. Prevalence and risk factors of sleep-disordered breathing in Fabry disease: a prospective cohort study. *Medicine* 2015; 94(52):e2413.
158. Garcia-Gomez D, Gaisl T, Barrios Collado C, Vidal de Miguel G, **Kohler M**, Zenobi R. Real-time chemical analysis of E-cigarette aerosols by means of secondary electrospray ionization-mass spectrometry. *Chemistry* 2016; 22: 2452-2457.
159. *Schwarz EI, Martinez-Lozano Sinues P, Bregy L, Gaisl T, Garcia Gomez D, Gaugg MT, Suter Y, Stebler N, Nussbaumer-Ochsner Y, Bloch KE, Stradling JR, Zenobi R, **Kohler M**. Effects of CPAP therapy withdrawal on exhaled breath pattern in obstructive sleep apnoea. *Thorax* 2016; 71: 110-117.
160. *Bratton DJ, Gaisl T, Wons A, **Kohler M**. Continuous positive airway pressure vs mandibular advancement devices on blood pressure in patients with obstructive sleep apnea: a systematic review and meta-analysis. *JAMA* 2015; 314: 2280-2293.
161. *Bratton DJ, Gaisl T, Schlatzer C, **Kohler M**. Comparison of the effects of continuous positive airway pressure and mandibular advancement devices on sleepiness in patients with obstructive sleep apnoea: a network meta-analysis. *Lancet Respir Med* 2015; 3: 869-878.
162. Beckmann M, Jacomella V, **Kohler M**, Lachat M, Salem A, Amann-Vesti M, Husmann M. Risk Stratification with Aortic Augmentation Index of Patients with Peripheral Arterial Disease and Abdominal Aortic Aneurysm. *PLoS One* 2015; 10(10):e0139887.
163. Schwarz EI, Puhon MA, Schlatzer C, Stradling JR, **Kohler M**. The effect of CPAP therapy on endothelial function in obstructive sleep apnea: a systematic review and meta-analysis. *Respirology* 2015; 20: 889-895.
164. Garcia-Gomez D, Bregy L, Nussbaumer-Ochsner Y, Gaisl T, **Kohler M**, Zenobi R. Detection and quantification of benzothiazoles in exhaled breath and exhaled breath condensate by real-time secondary electrospray ionization-high resolution mass spectrometry and ultra-high performance liquid chromatography. *Environ Sci Technol* 2015; 49: 12519-12524.

165. Bregy L, Mueggler A, Sinues P, Garcia-Gomez D, Suter Y, Belibasakis G, **Kohler M**, Schmidlin P, Zenobi R. Differentiation of oral bacteria in in-vitro cultures and human saliva by secondary electrospray ionization-mass spectrometry. *Scientific Reports* 2015; 5: 15163.
166. Sievi NA, Franzen D, **Kohler M**, Clarenbach CF. Physical inactivity and arterial stiffness in COPD. *Int J COPD* 2015; 10: 1891-1897.
167. Gerber SR, Seifert B, Inci I, Serra AL, **Kohler M**, Benden C, Hofbauer GFL, Schuurmans MM. Exposure to moxifloxacin and cytomegalovirus replication is associated with skin squamous cell carcinoma development in lung transplant recipients. *J Eur Acad Dermatol Venereol* 2015; doi: 10.1111/jdv.13389.
168. Franzen D, Schneiter D, Weder W, **Kohler M**. Impact of sedation technique on the diagnostic accuracy of endobronchial ultrasound-guided needle aspiration (EBUS-TBNA). *Endosc Ultrasound*. 2017 Jul-Aug;6(4):257-263. doi: 10.4103/2303-9027.190925.
169. *Clarenbach CF, Sievi NA, Brock M, Schneiter D, Weder W, **Kohler M**. LVRS improves endothelial function and blood pressure in patients with COPD: A randomized-controlled trial. *Am J Respir Crit Care Med* 2015; 192: 307-314.
170. Murer C, Bürgi U, **Kohler M**, Benden C, Huber L. Adenocarcinoma of the gastrointestinal tract in lung transplanted patients with cystic fibrosis: Case series and review of the literature. *Swiss Medical Weekly* 2015; 145:w14165. doi: 10.4414/smw.2015.14165.
171. Craig S, Kylintireas I, **Kohler M**, Nicoll D, Bratton DJ, Nunn AJ, Leeson P, Neubauer S, Stradling JR. Effect of CPAP on Cardiac Function in Minimally Symptomatic Patients with OSA: Results from a Subset of the MOSAIC Randomised Trial. *J Clin Sleep Med* 2015; 11: 967-973.
172. *Li X, Martinez-Lozano Sinues P, Dallmann R, Bregy L, Hollmén M, Proulx S, Brown SA, Detmar M, **Kohler M**, Zenobi R. Drug pharmacokinetics determined by real-time analysis of mouse breath. *Angewandte Chemie* 2015; 54: 7815-7818.
173. Stradling JR, Schwarz EI, Schlatzer C, Manuel A, Lee R, Antoniadis C, **Kohler M**. Biomarkers of oxidative stress following CPAP-withdrawal: data from two randomized trials. *Eur Respir J* 2015; 46: 1065-1071.
174. Gaisl T, Schlatzer C, Schwarz EI, Possner M, Stehli J, Sievi NA, Clarenbach CF, Dey D, Slomka PJ, Kaufmann PA, **Kohler M**. Coronary artery calcification, epicardial fat burden, and cardiovascular events in chronic obstructive pulmonary disease (COPD). *PLoS One* 2015; 10(5):e0126613.
175. Schlatzer C, Schwarz EI, Sievi N, Clarenbach CF, Gaisl T, Haegeli LM, Duru F, Stradling JR, **Kohler M**. Intrathoracic pressure swings induced by simulated obstructive sleep apnoea promote arrhythmias in paroxysmal atrial fibrillation. *Europace*. 2016 Mar;18(3):469-70. doi: 10.1093/europace/euv240.
176. Huber LC, Rechsteiner T, Franzen D, **Kohler M**, Brock M. Kinetics of microRNA expression in bronchoalveolar lavage fluid samples. *Lung* 2015; 193: 381-385.
177. Huber LC, Ulrich S, Leuenberger C, Gassmann M, Vogel D, Von Blotzheim G, Speich R, **Kohler M**, Brock M. Micro RNA-125a in pulmonary hypertension: regulator of a proliferative phenotype of endothelial cells. *Experimental Biology and Medicine* 2015; 240: 1580-1590.

178. Brock M, Haider TJ, Vogel J, Gassmann M, Speich R, Trenkmann M, Ulrich S, **Kohler M**, Huber LC. The hypoxia-induced microRNA-130a controls pulmonary smooth muscle cell proliferation by directly targeting CDKN1A. *International Journal of Biochemistry & Cell Biology* 2015; 61C:129-137.
179. Stadelmann K, Latshang T, LoCascio C, Clark R, Huber R, **Kohler M**, Achermann P, Bloch KE. Impaired postural control in healthy men at moderate altitude (1630m and 2590m). Data from a randomized trial. *PLoS One* 2015; 10(2):e0116695.
180. Schönmann M, Sievi NA, Clarenbach CF, Brack T, Brutsche M, Frey M, Irani S, Leuppi JD, Ruediger J, Senn O, Thurnheer R, **Kohler M**. Physical activity and the frequency of acute exacerbations in patients with chronic obstructive pulmonary disease. *Lung* 2015; 193: 63-70.
181. Nowak C, Sievi NA, Clarenbach CF, Schwarz EI, Schlatzer C, Brack T, Brutsche M, Frey M, Irani S, Leuppi JD, Rüdiger J, Thurnheer R, **Kohler M**. Accuracy of the Hospital Anxiety and Depression Scale (HADS) for Identifying Depression in Chronic Obstructive Pulmonary Disease (COPD) Patients. *Pulm Med.* 2014;2014:973858. doi: 10.1155/2014/973858.
182. Kostron A, Horn-Tutic M, Franzen D, Kestenholz P, Schneiter D, Opitz I, **Kohler M**, Weder W. Repeated lung volume surgery is successful in selected patients. *Eur J Cardio Thoracic Surg* 2015; 48: 710-715.
183. Tesler N, Latshang TD, Lo Cascio CM, Stadelmann K, Stoewhas AC, **Kohler M**, Bloch KE, Achermann P, Huber R. Ascending to moderate altitude impairs overnight memory improvements. *Physiology and Behaviour* 2015; 139: 121-126.
184. Sievi N, Senn O, Brack T, Brutsche M, Frey M, Irani S, Leuppi J, Thurnheer R, Franzen D, **Kohler M**, Clarenbach CF. The impact of comorbidities on physical activity in COPD. *Respirology* 2015; 20: 413-418.
185. Martinez-Lozano Sinues P, Tarokh L, Li X, **Kohler M**, Brown SA, Zenobi R, Dallmann R. Circadian variation of the human metabolome captured by real-time breath analysis. *PLoS One* 2014; 9(12):e114422.
186. Steveling EH, Clarenbach CF, Miedinger D, Enz C, Dürr S, Maier S, Sievi N, Zogg S, Leuppi JD, **Kohler M**. Predictors of the overlap syndrome and its association with comorbidities in patients with chronic obstructive pulmonary disease. *Respiration* 2014; 88: 451-457.
187. Ayers L, Harrison P, **Kohler M**, Ferry B. Procoagulant and platelet-derived microvesicle absolute counts determined by flow cytometry correlate with measurement of their functional capacity. *Journal of Extracellular Vesicles* 2014; 3: 24348.
188. Stradling JR, Craig S, **Kohler M**, Nicoll D, Ayers L, Nunn A, Bratton D. Markers of Inflammation: data from the MOSAIC randomised trial of CPAP for minimally symptomatic OSA. *Thorax* 2015; 70: 181-182.
189. Franzen D, Diebold M, Soltermann A, Schneiter D, Kestenholz P, Stahel R, Weder W, **Kohler M**. Determinants of outcome of solitary fibrous tumors of the pleura: an observational cohort study. *BMC Pulmonary Medicine* 2014; 14:138. doi: 10.1186/1471-2466-14-138.
190. Rausch-Osthoff AK, **Kohler M**, Sievi NA, Clarenbach CF, Van Gestel AJR. Association between peripheral muscle strength, exercise performance, and daily physical activity in patients with Chronic Obstructive Pulmonary Disease. *Multidisciplinary Respiratory Medicine* 2014; 9: 37.

191. Bratton D, Barbe F, Stradling JR, **Kohler M**. Effect of continuous positive airway pressure on blood pressure in patients with minimally-symptomatic obstructive sleep apnoea: a meta-analysis using individual patient data from four randomised controlled trials. *Thorax* 2014; 69: 1128-1135.
192. Abu Hussein N, Puhan M, Ter Riet G, **Kohler M**, Thurnheer R, Joos L, Maier S, Schafroth S, Miedinger D, Chhajed P, Bridevaux PO, Geiser T, Fitting JW, Leuppi J. The age dyspnoea, airflow obstruction (ADO) index as a predictor of two-year mortality in general practitioners based chronic obstructive pulmonary disease (COPD) cohorts. *Respiration* 2014; 88: 208-214.
193. *Ballabio C, Cristoni S, Puccio G, **Kohler M**, Sala MR, Brambilla P, Martinez-Lozano Sinues P. Rapid identification of bacteria in blood cultures by mass-spectrometric analysis of volatiles. *J Clin Pathol* 2014; 67: 743-746.
194. Sievi NA, Clarenbach CF, Camen G, Rossi VA, Van Gestel AJR, **Kohler M**. High Prevalence of Altered Cardiac Repolarization in Patients with COPD. *BMC Pulmonary Medicine* 2014; 14: 55 doi 10.1186/1471-2466-14-55.
195. Ulrich S, Nussbaumer-Ochsner Y, Vasic I, Hasler E, Latshang T, **Kohler M**, Muehleman T, Wolf M, Bloch KE. Cerebral oxygenation in patients with obstructive sleep apnea. Effects of exposure to hypoxia at altitude and of acetazolamide. *Chest* 2014; 146: 299-308.
196. Stadelmann K, Latshang TD, Nussbaumer Y, Tarokh L, Ulrich S, **Kohler M**, Bloch KE, Achermann P. Impact of acetazolamide and CPAP on cortical activity in obstructive sleep apnea patients. *PLoS One* 2014; 9:e93931.
197. Turnbull C, Craig S, **Kohler M**, Nicoll D, Stradling JR. Cardiovascular event rates in the MOSAIC trial: two year follow-up data. *Thorax* 2014; 69: 950.
198. Schuurmans M, Isenring B, Jungo C, Boeni J, Mueller N, **Kohler M**, Benden C. Clinical features and outcomes of influenza infections in lung transplant recipients: A single season cohort study. *Transpl Infect Dis* 2014; 16: 430-439.
199. Ayers L, Stoewhas AC, Ferry B, Latshang TD, Lo Cascio CM, Sadler R, Stadelmann K, Tesler N, Huber R, Achermann P, Bloch KE, **Kohler M**. Circulating levels of cell-derived microparticles are reduced by mild hypobaric hypoxia: data from a randomised controlled trial. *Eur J Appl Physiol* 2014; 114: 1067-1073.
200. Stadelmann K, Latshang TD, Tarokh L, Lo Cascio CM, Tesler N, Stoewhas AC, **Kohler M**, Bloch KE, Huber R, Achermann P. Sleep disturbances and arousals at moderate altitude have overlapping EEG spectral signatures. *J Sleep Res* 2014; 23: 463-468.
201. Lo Cascio CM, Latshang TD, **Kohler M**, Fehr T, Bloch KE. Severe metabolic acidosis in adult patients with Duchenne muscular dystrophy. *Respiration* 2014; 87: 499-503.
202. Rossi VA, Schwarz E, Bloch KE, Stradling JR, **Kohler M**. Is CPAP necessarily an everyday therapy in patients with obstructive sleep apnoea? *Eur Respir J* 2014; 43: 1387-1393.
203. Martinez-Lozano Sinues P, Meier L, Berchtold C, Ivanov M, Sievi N, Camen G, **Kohler M**, Zenobi R. Breath analysis in real time by mass spectrometry in chronic obstructive pulmonary disease. *Respiration* 2014; 87: 301-310.

204. Kriemler S, Bürgi F, Wick C, Wick B, Keller M, Wiget U, Schindler C, Kaufmann B, **Kohler M**, Bloch KE, Brunner-La Rocca HP. Prevalence of acute mountain sickness at 3500m within and between families: a prospective cohort study. *High Alt Med Biol* 2014; 15: 28-38.
205. Stadelmann K, Latshang TD, LoCascio C, Stoewhas AC, Tesler N, **Kohler M**, Bloch KE, Huber R, Achermann P. Quantitative changes in the sleep EEG at moderate altitude (1630m and 2590m). *PLoS One* 2013; 8: e76945.
206. Van Gestel AJR, Clarenbach CF, Stoewhas AC, Rossi VA, Sievi NA, Camen G **Kohler M**. The speed of blood pressure fluctuations in patients with chronic obstructive pulmonary disease. *Heart Lung Circ* 2014; 23: 280-286.
207. Stoewhas AC, Latshang TD, LoCascio C, Lautwein S, Stadelmann K, Tesler N, Ayers L, Berneis K, Gerber P, Huber R, Achermann P, Bloch KE, **Kohler M**. Effects of acute exposure to moderate altitude on vascular function, metabolism and systemic inflammation. *PLoS One* 2013; 8: e70081.
208. Clarenbach CF, Camen G, Sievi N, Wyss C, Stradling JR, **Kohler M**. The effect of simulated obstructive hypopnea and apnea on thoracic aortic wall transmural pressures. *J Appl Physiol* 2013; 115: 613-617.
209. Rossi VA, Winter B, Rahmen N, Yu LM, Fallon R, Clarenbach CF, Bloch KE, Stradling JR, **Kohler M**. The effects of Provent™ on moderate-to-severe obstructive sleep apnoea during continuous positive airway pressure therapy withdrawal: a randomised controlled trial. *Thorax* 2013; 68: 854-859.
210. **Kohler M**, Craig SE, Pepperell JCT, Nicoll D, Bratton D, Nunn A, Leeson P, Stradling JR. CPAP improves endothelial function in minimally symptomatic OSA patients: results from a subset study of the MOSAIC trial. *Chest* 2013; 144: 896-902.
211. Latshang TD, LoCascio CM, Stoewhas AC, Grimm M, Stadelmann K, Tesler N, Achermann P, Huber R, **Kohler M**, Bloch KE. Are nocturnal breathing, sleep and cognitive performance impaired at moderate altitude (1630-2590m)? A randomized trial. *Sleep* 2013; 36: 1969-1976.
212. Van Gestel AJR, Clarenbach CF, Camen G, Sievi NA, **Kohler M**. Quantifying the speed of fluctuations in systolic blood pressure. *Hypertens Res* 2013; 36: 1039-1044.
213. Franzen D, **Kohler M**, Degrandi C, Kullak-Ublick GA, Ceschi A. Fire eater's lung: retrospective analysis of 123 cases reported to a national poison centre. *Respiration* 2013; 102: 925-932.
214. Martinez-Lozano P, **Kohler M**, Zenobi R. Human breath analysis may support the existence of individual metabolic phenotypes. *PLoS One* 2013; 8: e59909.
215. Schulz UG, Mason RH, Craig SE, Howard S, Nicoll DJ, **Kohler M**, Rothwell PM, Stradling JR. Leukoaraiosis on MRI in patients with minimally symptomatic obstructive sleep apnoea. *Cerebrovascular Diseases* 2013; 35: 363-369.
216. *Clarenbach CF, Senn O, Sievi N, Camen G, Van Gestel AJR, Rossi VA, Puhan MA, Thurnheer R, Russi EW, **Kohler M**. Determinants of endothelial function in patients with COPD. *Eur Respir J* 2013; 42: 1194-1204.
217. Jacomella VJ, Shenoy AS, Mosimann KM, **Kohler M**, Amann-Vesti BA, Husmann MH. The impact of lower limb revascularization on the aortic augmentation index in patients with peripheral arterial disease. *Eur J Vasc Endovasc Surg* 2013; 45: 497-501.

218. *Martinez-Lozano P, **Kohler M**, Zenobi R. Monitoring diurnal changes in exhaled human breath. *Anal Chem* 2013; 85: 369-373.
219. *Latshang TD, Nussbaumer-Ochsner Y, Henn RM, Ulrich S, LoCascio CM, Ledergerber B, **Kohler M**, Bloch KE. Effect of acetazolamide and autoCPAP therapy on breathing disturbances among patients with obstructive sleep apnea syndrome who travel to altitude. Randomized controlled trial. *JAMA* 2012; 308: 2390-2398.
220. *Craig S, **Kohler M**, Nicoll D, Bratton D, Nunn A, Davies RJO, Stradling JR. Continuous positive airway pressure (CPAP) improves sleepiness but not calculated vascular risk in patients with minimally symptomatic obstructive sleep apnoea (OSA): the MOSAIC randomised controlled trial. *Thorax* 2012; 67: 1090-1096.
221. Van Gestel AJR, Clarenbach CF, Stoewhas AC, Rossi VA, Sievi NA, Camen G, Russi EW, **Kohler M**. Predicting daily physical activity in patients with chronic obstructive pulmonary disease. *PLoS One* 2012; 7(11):e48081.
222. Ayers L, Stoewhas AC, Ferry B, Stradling JR, **Kohler M**. Elevated levels of endothelial cell-derived microparticles following short-term withdrawal of CPAP in patients with OSA: data from a randomised controlled trial. *Respiration* 2013; 85: 478-485.
223. Mosimann K, Jacomella V, Thalhammer C, Meier T, **Kohler M**, Amann-Vesti B, Husmann M. Severity of peripheral arterial disease is associated with aortic pressure augmentation and subendocardial viability ratio. *J Clin Hypertens* 2012; 14: 855-860.
224. Camen G, Clarenbach CF, Stoewhas AC, Rossi VA, Sievi NA, Stradling JR, **Kohler M**. The effects of simulated apnea and hypopnea on arrhythmic potential in healthy subjects. *Eur J Appl Physiol* 2013; 113: 489-496.
225. **Kohler M**, Pitcher A, Blair E, Risby P, Senn O, Forfar C, Wordsworth P, Stradling JR. The impact of obstructive sleep apnea on aortic disease in Marfan's syndrome. *Respiration* 2013; 86: 39-44.
226. Kyliantreas I, Craig SE, Nethononda R, **Kohler M**, Francis J, Choudhury R, Stradling JR, Neubauer S. Atherosclerosis and arterial stiffness in obstructive sleep apnea – a cardiovascular magnetic resonance study. *Atherosclerosis* 2012; 222: 483-489.
227. *Rossi VA, Stoewhas AC, Camen G, Steffel J, Bloch KE, Stradling JR, **Kohler M**. The effects of CPAP therapy withdrawal on cardiac repolarisation: data from a randomised controlled trial. *Eur Heart J* 2012; 33: 2206-2212.
228. Lammi MR, Ciccolella D, Marchetti N, **Kohler M**, Criner GJ. Increased oxygen pulse after LVRS is associated with reduced dynamic hyperinflation. *Eur Respir J* 2012; 40: 837-843.
229. Clarenbach CF, Stoewhas AC, Van Gestel AJR, LoCascio C, Latshang T, Bloch KE, **Kohler M**. Comparison of photoplethysmographic and arterial tonometry derived indices of arterial stiffness. *Hypertens Res* 2012; 35: 228-233.
230. Zimmermann-Baer U, Capalo R, Dutly F, Saller E, Troxler H, **Kohler M**, Frischknecht H. Neonatal cyanosis caused by a new Gγ globin variant causing low oxygen affinity: Hb F-Sarajevo [Gγ 102 (G4) Asn→Thr, AAC→ACC]. *Hemoglobin* 2012; 36: 109-113.
231. Van Gestel AJR, **Kohler M**, Steier J, Teschler S, Russi EW, Teschler H. Cardiac autonomic function and response to exercise in patients with chronic obstructive pulmonary disease. *COPD* 2012; 9: 160-165.

232. Van Gestel AJR, Clarenbach CF, Stoewhas AC, Teschler S, Russi EW, Teschler H, **Kohler M**. Prevalence and prediction of exercise-induced oxygen desaturation in patients with chronic obstructive pulmonary disease. *Respiration* 2012; 84: 353-359.
233. Nussbaumer-Ochsner Y, Latshang T, Ulrich S, **Kohler M**, Thurnheer R, Bloch KE. Patients with obstructive sleep apnea syndrome benefit from acetazolamide during an altitude sojourn. A randomized, placebo-controlled, double-blind trial. *Chest* 2012; 141: 131-138.
234. Van Gestel AJR, **Kohler M**, Steier J, Teschler S, Russi EW, Teschler H. The effects of controlled breathing during pulmonary rehabilitation in patients with COPD. *Respiration* 2012; 83: 115-124.
235. ***Kohler M**, Stoewhas AC, Ayers L, Senn O, Bloch KE, Russi EW, Stradling JR. The effects of CPAP therapy withdrawal in patients with obstructive sleep apnea: a randomized controlled trial. *Am J Respir Crit Care Med* 2011; 184: 1192-1199.
236. Stoewhas AC, Namdar M, Biaggi P, Russi EW, Bloch KE, Stradling JR, **Kohler M**. The effect of simulated obstructive apnea and hypopnea on aortic diameter and blood pressure. *Chest* 2011; 140: 675-680.
237. Ayers L, **Kohler M**, Harrison P, Sargent I, Dragovic R, Schaap M, Nieuwland R, Brooks SA, Ferry B. Measurement of circulating cell-derived microparticles by flow cytometry: sources of variability within the assay. *Thrombosis Research* 2011; 127: 370-377.
238. Van Gestel AJR, **Kohler M**, Steier J, Teschler S, Russi EW, Teschler H. Cardiac autonomic dysfunction and health-related quality of life in patients with chronic obstructive pulmonary disease. *Respirology* 2011; 16: 939-946.
239. Mason RH, Ruegg G, Perkins J, Hardinge M, Amann-Vesti B, Senn O, Stradling JR, **Kohler M**. Obstructive sleep apnoea in patients with abdominal aortic aneurysms: highly prevalent and associated with aneurysm expansion. *Am J Respir Crit Care Med* 2011; 183: 668-674.
240. Ruegg G, Mason RH, Hardinge M, Perkins J, Husmann M, Russi EW, Bloch KE, Stradling JR, **Kohler M**. Augmentation index and central aortic blood pressure in patients with abdominal aortic aneurysms. *Journal of Hypertension* 2010; 28: 2252-2257.
241. **Kohler M**, Smith D, Tippet V, Stradling JR. Predictors of long-term compliance with continuous positive airway pressure. *Thorax* 2010; 65: 829-832.
242. Ayers L, Ferry B, Craig SE, Nicoll D, Stradling JR, **Kohler M**. Circulating cell-derived microparticles in patients with minimally-symptomatic obstructive sleep apnoea. *European Respiratory Journal* 2009; 33: 574-580.
243. West S, **Kohler M**, Nicoll D, Stradling JR. The effect of continuous positive airway pressure treatment on physical activity in patients with obstructive sleep apnoea: a randomised controlled trial. *Sleep Medicine* 2009; 10: 1056-1058.
244. Craig SE, Pepperell JCT, **Kohler M**, Crosthwaite N, Davies RJO, Stradling JR. Continuous positive airway treatment for obstructive sleep apnoea reduces resting heart rate, but does not affect dysrhythmias: a randomised controlled trial. *Journal of Sleep Research* 2009; 18: 329-336.
245. **Kohler M**, Pepperell JCT, Davies RJO, Stradling JR. Continuous positive airway pressure and liver enzymes in obstructive sleep apnoea: data from a randomized controlled trial. *Respiration* 2009; 78: 141-146.

246. **Kohler M**, Blair E, Risby P, Nickol A, Wordsworth P, Forfar C, Stradling JR. The prevalence of obstructive sleep apnoea and its association with aortic dilatation in Marfan's syndrome. *Thorax* 2009; 64: 162-166.
247. ***Kohler M**, Ayers L, Pepperell JCT, Packwood KL, Ferry B, Crosthwaite N, Craig S, Siccoli MM, Davies RJO, Stradling JR. Effects of continuous positive airway pressure on systemic inflammation in patients with moderate to severe obstructive sleep apnoea: a randomised controlled trial. *Thorax* 2009; 64: 67-73.
248. **Kohler M**, Clarenbach CF, Bahler C, Brack T, Russi EW, Bloch KE. Disability and survival in Duchenne muscular dystrophy. *Journal of Neurology, Neurosurgery and Psychiatry* 2009; 80: 320-325.
249. ***Kohler M**, Craig SE, Nicoll DB, Leeson P, Davies RJO, Stradling JR. Endothelial function and arterial stiffness in patients with minimally symptomatic OSA. *Am J Respir Crit Care Med* 2008; 178: 984-988.
250. Siccoli MM, Pepperell JCT, **Kohler M**, Craig S, Davies RJO, Stradling JR. Effects of continuous positive airway pressure on quality of life: data from a randomized controlled trial. *Sleep* 2008; 31: 1551-1558.
251. ***Kohler M**, Pepperell JCT, Casadei B, Craig S, Crosthwaite N, Stradling JR, Davies RJO. CPAP and measures of cardiovascular risk in males with OSAS. *European Respiratory Journal* 2008; 32: 1488-1496.
252. Kriemler S, Jansen C, Linka A, Kessel A, Zehnder M, **Kohler M**, Bloch KE, Brunner-La Rocca HP. Higher pulmonary artery pressure in children than adults upon fast ascent to high altitude. *European Respiratory Journal* 2008; 32: 664-668.
253. Clarenbach CF, **Kohler M**, Senn O, Thurnheer R, Bloch KE. Does nasal decongestion improve obstructive sleep apnea? *Journal of Sleep Research* 2008; 17: 444-449.
254. **Kohler M**, Kriemler S, Wilhelm EM, Brunner-La Rocca H, Zehnder M, Bloch KE. Children at high altitude have less nocturnal periodic breathing than adults. *European Respiratory Journal* 2008; 32: 189-197.
255. **Kohler M**, Amann-Vesti BR, Clarenbach CF, Brack T, Noll G, Russi EW, Bloch KE. Periodic whole body acceleration: a novel therapy for cardiovascular disease. *VASA- Journal of Vascular Medicine* 2007; 36: 261-266.
256. **Kohler M**, Clarenbach CF, Kestenholz P, Kurrer M, Steinert H, Russi EW, Weder W. Diagnosis, treatment and long-term outcome of solitary fibrous tumours of the pleura. *European Journal of Cardio-Thoracic Surgery* 2007; 32: 403-408.
257. **Kohler M**, Thurnheer R, Bloch KE. Side-selective, unobtrusive monitoring of nasal airflow and conductance. *Journal of Applied Physiology* 2006; 1760-1765.
258. Clarenbach CF, Senn O, Brack T, **Kohler M**, Bloch KE. Monitoring of ventilation during submaximal and maximal exercise by a portable respiratory inductive plethysmograph. *Chest* 2005; 128: 1282-1290.
259. ***Kohler M**, Clarenbach CF, Böni L, Brack T, Russi EW, Bloch KE. Quality of life, physical disability, and respiratory impairment in patients with Duchenne muscular dystrophy. *Am J Respir Crit Care Med* 2005; 172: 1032-1036.
260. **Kohler M**, Thurnheer R, Bloch KE. Non-invasive, side-selective nasal airflow monitoring. *Physiol Meas* 2005; 26: 69-82.

Reviews

261. Schmidt F, Kohlbrenner D, Malesevic S, Schmidt A, Klein S, Puhan MA, **Kohler M**. The landscape of lung cancer breath analysis: a scoping review (ELCABA). *Lung Cancer*. 2023 Jan;175:131-140. doi: 10.1016/j.lungcan.2022.12.003.
262. The Swiss approach – feasibility of a national low-dose CT lung cancer screening program. Jungblut L, von Garnier C, Puhan M, Tomonaga Y, Kaufmann C, Azzola A, Bürgi U, Bremerich J, Brutsche M, Christe A, Ebner L, Heverhagen JT, Eich C, Franzen D, Schmitt-Opitz I, Schneiter D, Spieldenner J, Horwath N, **Kohler M**, Weder W, Lovis A, Meuli R, Menig M, Beigelmann-Aubry C, Niemann T, Stöhr S, Vock P, Senn O, Neuner-Jehle S, Selby K, Laures S, Ott S, Frauenfelder T. *Swiss Med Wkly*. 2022 Apr 14;152(15-16):Swiss Med Wkly. 2022;152:w30154. doi: 10.4414/smw.2022.w30154. eCollection 2022 Apr 11.
263. Roeder M, Schwarz EI, Gaisl T, **Kohler M**. How to deal with night-to-night variability of respiratory events? *Praxis* 2020; 109:1225-1230.
264. Bruderer T, Gaisl T, Gaugg M, Nowak N, Streckenbach B, Müller S, Moeller A, **Kohler M**, Zenobi R. Online analysis of exhaled breath. *Chemical Reviews* 2019;119:10803-10828.
265. Gaisl T, Thiel S, **Kohler M**. Obstructive sleep apnea: a common disease. *Praxis (Bern 1994)*. 2020;109(3):207-213. doi: 10.1024/1661-8157/a003385.
266. Stolz D, Barandun J, Borer H, Bridevaux P, Brun P, Brutsche M, Clarenbach CF, Eich C, Fiechter R, Frey M, Geiser T, Grob M, Helfenstein E, Junker L, **Kohler M**, Latshang T, Lechmann A, Maurer M, Nicod L, Quadri F, Schilter D, Sigrist T, Soccac P, Tarr P, Thurnheer R, Turk A, Tamm M. Diagnosis, Prevention, and Treatment of Stable COPD and Acute Exacerbations of COPD: The Swiss Recommendations 2018. *Respiration* 2018;96:382-398.
267. Randerath W, Bassetti C, Bonsignore M, Farre R, Ferini-Strambi L, Grote L, Hedner J, **Kohler M**, Martinez-García MA, Mihaicuta S, Montserrat J, Pepin JL, Pevernagie D, Pizza F, Polo O, Riha R, Ryan S, Verbraecken J, McNicholas W. Challenges and Perspectives in Obstructive Sleep Apnoea; Report by an ad hoc working group of the Sleep Disordered Breathing Group of the European Respiratory Society and the European Sleep Research Society. *Eur Respir J* 2018; pii: 1702616.
268. Schwarz EI, Stradling JR, **Kohler M**. Physiological consequences of CPAP therapy withdrawal in patients with obstructive sleep apnoea – an opportunity for an efficient experimental model. *J Thorac Dis* 2018;10:S24-S32.
269. Singh K, Vidal-de-Miguel G, Gaugg M, Ibáñez A, Zenobi R, **Kohler M**, Frey U, Sinues P. Translating secondary electrospray ionization – high-resolution mass spectrometry to the clinical environment" *J Breath Res* 2018;12(2):027113.
270. Engler A, Schwarz EI, **Kohler M**. Exhaled breath analysis in obstructive sleep apnea. *Exp Rev Resp Med* 2017; 11(8):631-639.
271. Mathis J, **Kohler M**, Hemmeter UM, Seeger R. Fahreignung bei Tagesschläfrigkeit. *Swiss Med For* 2017; 17: 442-447.
272. Ayers L, Nieuwland R, **Kohler M**, Kraenkel N, Ferry B, Leeson P. Dynamic microvesicle release and clearance within the cardiovascular system: triggers and mechanisms. *Clin Sci* 2015; doi: 10.1042/CS20140623.
273. *Levy P, **Kohler M**, McNicholas WT, Somers V, Barbe F, McEvoy D, Lavie L, Pepin JL. Obstructive sleep apnea syndrome. *Nat Rev Dis Prim* 2015; 1: 1-20.

274. Gaisl T, Bratton D, **Kohler M**. The impact of obstructive sleep apnoea on the aorta. *Eur Respir J* 2015; 46: 532-544.
275. Clarenbach CF, **Kohler M**. COPD und systemische Manifestationen. *Swiss Medical Forum* 2015; 15: 27-28.
276. Wons AM, **Kohler M**. Established vascular effects of CPAP therapy in patients with OSA – An update. *J Thoracic Dis* 2015; 7: 912-919.
277. Franzen D, Freitag L, Schneiter D, Clarenbach CF, Darwiche K, **Kohler M**, Weder W. Chirurgische und bronchoskopische Behandlung des fortgeschrittenen Lungenemphysems. *Swiss Medical Forum* 2015; 15: 177-182.
278. Schlatzer C, Schwarz E, **Kohler M**. The effect of continuous positive airway pressure on metabolic variables in patients with obstructive sleep apnoea. *Chronic Respiratory Disease* 2014; 11: 41-52.
279. Huber LC, Leuenberger C, **Kohler M**, Brock L. Pulmonale Hypertonie: mikroRNAs in Pathogenese, Diagnostik und Therapie. *Pneumologie* 2014; 68: 386-393.
280. Clarenbach CF, **Kohler M**. COPD oder Asthma? Unterschiede und Gemeinsamkeiten in Abklärung und Diagnostik. *Therapeutische Umschau* 2014; 71: 262-266.
281. Frauenfelder T, Puhan MA, Lazor R, von Garnier C, Bremerich J, Niemann T, Christe A, Montet X, Gautschi O, Weder W, **Kohler M**. Early detection of lung cancer: a statement from an expert panel of the Swiss University Hospital on lung cancer screening. *Respiration* 2014; 87: 254-264.
282. Franzen D, Schneiter D, Weder W, **Kohler M**. Nachsorge des kurativ operierten NSCLC. *Info Onkologie & Hämatologie* 2013; 1: 22-24.
283. Schwab RJ, Badr SM, Epstein LJ, Gay PC, Gozal D, **Kohler M**, Levy P, Malhotra A, Phillips BA, Rosen IM, Strohl KP, Strollo PJ, Weaver EM, Weaver TE. An official American Thoracic Society Statement: Continuous positive airway pressure adherence tracking systems. The optimal monitoring strategies and outcome measures in adults. *Am J Respir Crit Care Med* 2013; 188: 613-620.
284. Franzen D, Schneiter D, Pfammatter T, **Kohler M**. Diagnosis and Management of Haemoptysis. *Praxis* 2013; 102: 925-932.
285. Schwarz E, **Kohler M**. Die Bedeutung der obstruktiven Schlafapnoe als kardiovaskulärer Risikofaktor. *Info@Herz+Gefäss* 2013; 4: 13-15.
286. Van Gestel AJR, **Kohler M**, Clarenbach CF. Sympathetic overactivity and cardiovascular disease in patients with COPD. *Discovery Medicine* 2012; 14: 359-368.
287. Rossi VA, Stradling JR, **Kohler M**. Effects of obstructive sleep apnoea on heart rhythm. *Eur Respir J* 2013; 41: 1439-1451.
288. Clarenbach CF, Senn O, **Kohler M**. COPD – eine Systemerkrankung. *Swiss Med Forum* 2013; 13: 60-63.
289. Stoewhas AC, **Kohler M**. Obstructive sleep apnoea syndrome and hypertension. *Int J Respir Care* 2012; 8: 29-33.
290. **Kohler M**, Stradling JR. Most of the cardiovascular consequences of OSA are due to increased sympathetic activity. *J Physiol* 2012; 590: 2813-2815.

291. Camen G, **Kohler M**. Die Bedeutung der obstruktiven Schlafapnoe bei Patienten mit arterieller Hypertonie. *Info@Herz+Gefäss* 2012; 2: 26-27.
292. Clarenbach CF, Thurnheer R, **Kohler M**. Vascular dysfunction in COPD: current evidence and perspectives. *Exp Rev Resp Med* 2012; 6: 37-43.
293. Clarenbach CF, West S, **Kohler M**. Is obstructive sleep apnea a risk factor for diabetes? *Discovery Medicine* 2011; 12: 17-24.
294. **Kohler M**. Hypertonie Ursache – Welche Rolle spielt das obstruktive Schlafapnoe-Syndrom? *Cardiovasc* 2011; 10: 16-18.
295. Clarenbach CF, **Kohler M**. Ist COPD ein kardiovaskulärer Risikofaktor ? *Praxis* 2011; 100: 85-90.
296. ***Kohler M**, Stradling JR. Mechanisms of vascular damage in obstructive sleep apnea. *Nat Rev Cardiol* 2010; 7: 677-685.
297. **Kohler M**. Is obstructive sleep apnoea an independent cardiovascular risk factor? *Swiss Med Forum* 2010; 10: 910-911.
298. **Kohler M**. Obstruktives Schlafapnoesyndrom und kardiovaskuläre Risiken. *Ars Medici* 2010; 2: 64-66.
299. **Kohler M**, Russi EW, Bloch KE. Kardiovaskuläre Folgen des obstruktiven Schlafapnoe Syndromes. *Praxis* 2010; 99: 117-122.
300. **Kohler M**. Obstruktives Schlafapnoesyndrom und kardiovaskuläre Risiken. *Der Allgemeinarzt* 2010; 4: 45-49.
301. **Kohler M**, Bloch KE, Stradling JR. Pharmacological approaches to the treatment of obstructive sleep apnoea. *Expert Opin Invest Drugs* 2009; 18: 647-656.
302. **Kohler M**, Bloch KE, Stradling JR. The role of the nose in the pathogenesis of obstructive sleep apnea syndrome. *Current Opinion in Otolaryngology, Head&Neck Surgery* 2009; 17: 33-37.
303. **Kohler M**, Bloch KE, Stradling JR. The role of the nose in the pathogenesis of obstructive sleep apnea and snoring. *European Respiratory Journal* 2007; 30: 1208-1215.
304. **Kohler M**, Bloch KE. Sleep-related breathing disorders. *Swiss Arch Neurol Psychiatr* 2003; 154: 302-309.

Editorials

305. Roeder M, **Kohler M**. Variability and Misclassification of Sleep Apnea Severity Based on Multi-Night Testing. *Chest*. 2020 Jul;158(1):33-34. doi: 10.1016/j.chest.2020.02.024.
306. Mc Evoy D, **Kohler M**. Pro-Con debate, obstructive sleep apnea and cardiovascular risk. *Eur Respir J* 2018; 51(5). pii: 1702721.
307. McNicholas WT, Bassetti CL, Ferini-Strambi L, Pépin JL, Pevernagie D, Verbraecken J, Bonsignore MR, Farre R, Grote L, Hedner J, **Kohler M**, Martinez-Garcia MA, Mihaicuta S, Montserrat J, Pizza F, Polo O, Riha RL, Ryan S, Randerath W. Challenges in obstructive sleep apnoea. *Lancet Respir Med*. 2018 Mar;6(3):170-172.
308. **Kohler M**. Pneumologie: Blick in die Zukunft. *Swiss Med Forum* 2018;18:579-580.
309. **Kohler M**. Why should we care about upper airway inflammation in obstructive sleep apnoea? *Eur Respir J* 2016; 48:982-983.
310. **Kohler M**, Stradling JR. Does continuous positive airway pressure therapy improve non-alcoholic fatty liver disease? *Respirology* 2016; 21: 209-210.
311. **Kohler M**. Deleterious systemic effects of OSA: how much evidence do we need? *Thorax* 2015; 70: 817-818.
312. **Kohler M**. Electronic cigarettes: the pulmonologist's view. *Eur Heart J* 2015; 36: 137.
313. *Martinez-Lozano Sinues P, Zenobi R, **Kohler M**. Analysis of the exhalome: a diagnostic tool of the future. *Chest* 2013; 144: 746-749.
314. **Kohler M**, Stradling JR. OSA and hypertension: do we know all the answers? *Chest* 2013; 144: 1433-1435.
315. **Kohler M**, Puhan MA, Weder W, Frauenfelder T. To screen or not to screen – Lungenkarzinomfrüherkennung in der Schweiz. *Swiss Med Forum* 2013; 13: 453-458.
316. **Kohler M**, Stradling JR. Pitfalls of clinical trials on pharmacological treatment for obstructive sleep apnoea – future directions. *Exp Opin Invest Drugs* 2011; 20: 1033-1037.

Case reports

317. El-Hag K, Renzulli P, Franzen D, **Kohler M**. Colobronchial fistula: a rare cause of non-resolving pneumonia in Crohn's disease. *BMJ Case Rep* 2018; pii: bcr-2018-224408. doi: 10.1136/bcr-2018-224408.
318. Franzen D, **Kohler M**, Freitag L, Lang C, Agorastos N, Schmid P. Evaluation of nickel release from endobronchial valves as a possible cause of hypersensitivity pneumonitis in a patient treated with bronchoscopic lung volume reduction. *Int Arch Allergy Immunol*. 2017;174(3-4):144-150. doi: 10.1159/000481986.
319. Franzen D, **Kohler M**. Severe pneumonitis after fire eating. *BMJ Case Rep* 2012; doi:pii:bcr2012006528.
320. Ruegg C, Kestenholz P, **Kohler M**. Voiceless due to herniating lung – an unusual cause of unilateral vocal cord paralysis. *Am J Respir Crit Care Med* 2012; 186: 391-392.

321. Franzen D, **Kohler M**. Rheumatoid arthritis and interstitial lung alterations. Praxis 2011; 100: 659-663.
322. Nussbaumer Y, **Kohler M**. Finger-in-glove sign in bronchial atresia. Thorax 2011; 66: 182.
323. Wieser S, **Kohler M**. An early sign of superior vena cava syndrome. QJM 2010; 103: 707.
324. **Kohler M**, Bloch KE. 25 year old man with occasional apneas and unrefreshing sleep. Sleep Fragments 2009. available from <http://www.thoracic.org/clinical/sleep/sleep-fragment/pages/25-year-old-man-with-occasional-apneas-and-unrefreshing-sleep.php>
325. **Kohler M**, Bloch KE. Sleep disorder during summer holidays. Sleep Fragments 2008. available from <http://www.thoracic.org/clinical/sleep/sleep-fragment/pages/sleep-disorder-during-summer-holidays.php>
326. Kriemler S, **Kohler M**, Zehnder M, Bloch KE, Brunner-La Rocca H. Successful treatment of severe acute mountain sickness and excessive pulmonary hypertension with dexamethasone in a prepubertal girl. High Alt Med Biol 2006; 7: 256-261.
327. **Kohler M**, Gelpke H, Decurtins M, Flury R, Hess Th. Benign solitary fibrous tumour of the pleura. Swiss Med Forum 2004; 4: 1098-1099.
328. Perger L, **Kohler M**, Fattinger K, Flury R, Meier PJ, Pauli-Magnus C. Fatal liver failure with atorvastatin. J Hepatol 2003; 39: 1095-1097.
329. **Kohler M**, Wahl C, Baumgartner M, Imoberdorf R. Acrodermatitis in severe malnutrition caused by malabsorption within the scope of Crohn disease. Ther Umsch 2000; 57: 173-174.

Letters to the editor, correspondence letters

330. Sievi NA, **Kohler M**, Clarenbach CF. Response to the letter to the editor by Van't Hul et al. regarding the published manuscript "Can do, don't do" are not the lazy ones: a longitudinal study on physical functioning in patients with COPD. Respir Res 2020;21:114.
331. Schwarz EI, **Kohler M**. Randomised controlled trials on the comparative effect of treatment modalities of central sleep apnoea with Cheyne Stoke's respiration on cardiovascular outcomes and physiology studies required. J Clin Sleep Med 2020; in press.
332. Turnbull C, Pattenden S, Gaisl T, Rossi V, Thiel S, **Kohler M**, Stradling JR. Return of sleep apnoea and sleep fragmentation following CPAP withdrawal in patients with obstructive sleep apnoea. Eur Respir J. 2019 May 9;53(5):1802351. doi: 10.1183/13993003.02351-2018.
333. Schwarz EI, Turnbull C, Stradling JR, **Kohler M**. Understanding effects of obstructive sleep apnoea and its treatment on brain and autonomic regulation needs further research. J Thoracic Dis 2018;10:E664-E665. doi: 10.21037
334. **Kohler M**, Schwarz EI. Response to "Meta-analysis does not establish effectiveness of the device". Chest. 2017 Nov;152(5):1090-1091. doi: 10.1016/j.chest.2017.07.029.

335. Turnbull CD, **Kohler M**, Stradling JR. Efficacy of EPAP. *Sleep Breath* 2016; doi 10.1007/s11325-015-1308-6.
336. Antoniadou C, Lee R, **Kohler M**, Stradling JR. Response to “Paradoxical decrease in isoprostanol and increase in SOD following CPAP withdrawal in OSA”. *Eur Respir J* 2016; 47: 1014-1015.
337. Schlatzer C, **Kohler M**. Apnoea-associated intrathoracic pressure swings create dynamic arrhythmogenic atrial substrate during sleep: author’s reply. *Europace* 2015;
338. Bratton DJ, **Kohler M**. Comments on “Meta-analysis of randomised controlled trials of oral mandibular advancement devices and continuous positive airway pressure for obstructive sleep apnoea-hypopnoea”. *Sleep Med Rev* 2015; 27:39-40.
339. Rossi VA, Stradling JR, **Kohler M**. CPAP holiday – are we there yet? *ERJ* 2015; 45: 575-576.
340. Stradling JR, **Kohler M**. SKUP-3 RCT. *Thorax* 2014; 69: 386.
341. **Kohler M**, Stradling JR. Rebuttal: Most of the cardiovascular consequences of OSA are due to increased sympathetic activity. *J Physiol* 2012; 590: 2821.
342. **Kohler M**, West S, Stradling JR. Diabetes in obstructive sleep apnea. *Am J Respir Crit Care Med* 2010; 182: 286-287.
343. Stradling JR, **Kohler M**. Indices of hypoxic stress in sleep apnea. *Am J Respir Crit Care Med* 2009; 180: 910.
344. **Kohler M**, Stradling JR. Cardiovascular risk in asymptomatic OSA. *Am J Respir Crit Care Med* 2009; 179: 969-970.
345. **Kohler M**, Stradling JR. Ethnic effect and the study obstructive sleep apnea. *Am J Respir Crit Care Med* 2009; 179: 736.
346. **Kohler M**, Bloch KE. Predicting outcome of nasal surgery in patients with obstructive sleep apnoea. *Eur Respir J* 2008; 32: 246-247.

Book chapters

347. Schmidt F, Osswald M, Zenobi R, **Kohler M**. Monitoring drug pharmacokinetics. In: *Volatile biomarkers for human health*. Royal Society of Chemistry 2023.
348. Schwarz EI, **Kohler M**. Vascular consequences of obstructive sleep apnea. In: *Respiratory Medicine*, Elsevier 2021.
349. **Kohler M**. The summary review - CPAP vs Mandibular Advancement Devices and blood pressure in patients with obstructive sleep apnea -A systematic review and meta-analysis. In: *Evidence-Based Orthodontics*, Second Edition. Wiley 2018
350. **Kohler M**, Stradling JR. Effects of CPAP on stroke risk factors and stroke. In: *Sleep, stroke and cardiovascular disease*. Cambridge University Press, 2012.
351. **Kohler M**, Russi EW. Long-term outcome of ARDS patients. In: *The critically ill patient*, 2nd edition. UTET Medical science 2010.
352. **Kohler M**, Stradling JR. Obstructive sleep apnoea. *Oxford Desk Reference Respiratory Medicine*, Oxford University Press, 2009.

- 353. Kohler M, Stradling JR.** Interpretation of arterial blood gases and acid/base balance. Oxford Desk Reference Respiratory Medicine, Oxford University Press, 2009.

MD thesis

- 354. Kohler M.** Ergebnisse nach radikaler Prostatovesikulektomie. University of Zurich, 2000.

Habilitation

- 355. Kohler M.** Cardiovascular consequences of obstructive sleep apnoea. University of Zurich, 2009.

(Publications marked with * are considered to be particularly important contributions)