

# Latest Publications (2014 – 2016)

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## Institute and Outpatient Clinic for Occupational, Social and Environmental Medicine, University Hospital Munich

### 2016

Alduraywish SA, Standl M, Lodge CJ, Abramson MJ, Allen KJ, Erbas B, von Berg A, Heinrich J, Lowe AJ, Dharmage SC. Is there a march from early food sensitization to later childhood allergic airway disease? Results from two prospective birth cohort studies. *Pediatr Allergy Immunol* 00 (2016)

Barth S, Haas J-P, Schlichtiger J, Molz J, Bisdorff B, Michels H, Hügler B, Radon K. Long-Term Health-Related Quality of Life in German Patients with Juvenile Idiopathic Arthritis in Comparison to German General Population. *PLoS ONE* 11(4): e0153267 doi:10.1371/journal.pone.0153267 (2016)

Barth S, Schlichtiger J, Bisdorff B, Hügler B, Michels H, Radon K, Haas J-P. Association between drug intake and incidence of malignancies in patients with Juvenile Idiopathic Arthritis: a nested case-control study. *Barth et al. Pediatric Rheumatology* 14:6 DOI: 10.1186/s12969-016-0066-8 (2016)

Barth S, Schlichtiger J, Hartmann B, Bisdorff B, Michels H, Radon K, Hügler B, Walsh L, Haas J-P. Incidence of malignancies in patients with juvenile idiopathic arthritis: A retrospective single-center cohort study in Germany. *Mod Rheumatol Early Online*: 1–6 Japan College of Rheumatology DOI: 10.1080/14397595.2016.1204711 (2016)

Bauer H, Emeny RT, Baumert J, Ladwig K-H. Resilience moderates the association between chronic pain and depressive symptoms in the elderly. *European Journal of Pain* 20 (8): 1253-1265 (2016)

Böhlandt A, Schierl R, Heizinger J, Dietrich-Gümperlein G, Zahradnik E, Bruckmaier L, Sültz J, Raulf M, Nowak D. Cow hair allergen concentrations in dairy farms with automatic and conventional milking systems: From stable to bedroom. *Int J Hyg Environ Health*. 219 (1): 79–87 (2016)

Bose-O'Reilly S, Schierl R, Nowak D, Siebert U, William JF, Owi FT, Ir YI. A preliminary study on health effects in villagers exposed to mercury in a small-scale artisanal gold mining area in Indonesia. *Environmental Research* 149: 247-281 (2016)

Brand P, Bertram J, Chaker A, Jörres RA, Kronseder A, Kraus T, Gube M. Biological effects of inhaled nitrogen dioxide in healthy human subjects. *Int Arch Occup Environ Health*. 89 (6):1017-24 (2016)

Campbell B, Raheison C, Lodge C, Lowe A, Gislason T, Heinrich J, Sunyer J, Gómez Real F, Norbäck D, Matheson M, Wjst M, Dratva J, de Marco R, Jarvis D, Schlünssen V, Janson C, Leynaert B, Svanes C, Dharmage SC. The effects of growing up on a farm on adult lung function and allergic phenotypes: an international N1 population-based study. *Campbell B, et al. Thorax* 0: 1–11 (2016)

De Hoogh K, Gulliver J, Donkelaar A, Martin RIV, Marshall JD, Bechle MJ, Cesaroni G, Pradas MC, Dedele A, Eeftens M, Forsberg B, Galassi C, Heinrich J, Hoffmann B, Jacquemin B, Katsouyanni K, Korek M, Künzli N, Lindley SJ, Lepeule J, Meleux F, de Nazelle A, Nieuwenhuijsen M, Nystad W, Raaschou-Nielsen O, Peters A, Peuch V-H, Rouil L, Udvardy O, Slama R, Stempfelet M, Stephanou EG, Tsai MY, Yli-Tuomi T, Weinmayr G, Brunekreef B, Vienneau D, Hoek G. Development of West-European PM2.5 and NO2 land use regression models incorporating satellite-derived and chemical transport modelling data. *Environmental Research* 151: 1–10 (2016)

Fromme H, Becher G, Hilger B, Völkel W. Brominated flame retardants – Exposure and risk assessment for the general population. *International Journal of Hygiene and Environmental Health* 219 (1): 1-23 (2016)

Fromme H, Schütze A, Lahrz T, Kraft M, Fembacher L, Siewering S, Burkardt R, Dietrich S, Koch HM, Völkel W. Non-phthalate plasticizers in German daycare centers and human biomonitoring of DINCH metabolites in children attending the centers (LUPE 3). *Int J Hyg Environ Health*. 219(1):33-9 (2016).

Fuertes E, Markevych I, Bowatte G, Gruzieva O, Gehring U, Becker A, Berdel D, von Berg A, Bergström A, Brauer M, Brunekreef B, Brüske I, Carlsten C, Chan-Yeung M, Dharmage SC, Hoffmann B, Klümper C, Koppelman GH, Kozyrskyj A, Korek M, Kull I, Lodge C, Lowe A, MacIntyre E, Pershagen G, Standl M, Sugiri D, Wijga A, MACS, Heinrich J. Residential greenness is differentially associated with childhood allergic rhinitis and aeroallergen sensitization in seven birth cohorts. *Allergy* 71(10): 1461-1471 (2016)

Ha E, Basu N, Bose-O'Reilly S, Dórea JG, McSorley E, Sakamoto M, ManChan H. Current progress on understanding the impact of mercury on human health. *Environmental Research* DOI: <http://dx.doi.org/10.1016/j.envres.2016.06.042i> (2016)

Hanisch SE, Twomey CD, Szeto ACH, Birner UW, Nowak D, Sabariego C. The effectiveness of interventions targeting the stigma of mental illness at the workplace: a systematic review. *Hanisch et al. BMC Psychiatry* 16: 1 (2016)

Heinen F, Landgraf MN, Böhmer J, Borggräfe I, Bidlingmaier C, Krohn K, Hoffmann F, Nicolai T, Weigl M, von Kries R, Albers. Was vom Tage übrig bleibt – Arbeitsalltag einer Universitätsmedizin für Kinder und Jugendliche. The remains of the day: A working day in a university children's hospital. *L. Z. Evid. Fortbild. Qual. Gesundh. wesen (ZEFQ)*, <http://dx.doi.org/10.1016/j.zefq.2016.09.002> (2016)

Herrera R, Radon K, von Ehrenstein OS, Cifuentes S, Muñoz DM, Berger U. Proximity to mining industry and respiratory diseases in children in a community in Northern Chile: A cross-sectional Study. *Herrera et al. Environmental Health* 15: 66 (2016)

Horikoshi M et al. Genome-wide associations for birth weight and correlations with adult disease. *Nature* 538: 248-252 (2016)

Karrasch S, Brüske I, Smith MP, Thorand B, Huth C, Ladwig K-H, Kronenberg F, Heinrich J, Holle R, Peters A, Schulz H. What is the impact of different spirometric criteria on the prevalence of spirometrically defined COPD and its comorbidities? Results from the population-based KORA study *International Journal of COPD* 11: 1881–1894 (2016)

Karrasch S, Linde K, Rücker G, Sommer H, Karsch-Völk M, Kleijnen J, Jörres RA, Schneider A. Accuracy of FENO for diagnosing asthma: a systematic review. *Karrasch S, et al. Thorax* 0:1–8 (2016)

Krämer T, Schneider A, Spieß E, Angerer P, Weigl M. Associations between job demands, work-related strain and perceived quality of care: a longitudinal study among hospital physicians. *International Journal for Quality in Health Care*: 1–6 (2016)

Kreuter M, Nowak D, Rütger T, Hoch E, Thomasius R, Vogelberg C, Brockstedt M, Hellmann A, Gohlke H, Jany B, Loddenkemper R. Cannabis – Positionspapier der Deutschen Gesellschaft für Pneumologie und Beatmungsmedizin e.V. (DGP) *Pneumologie* 70: 87–97 (2016)

Loerbroks A, Weigl M, Li J, Angerer P. Effort-reward imbalance and perceived quality of patient care: a cross-sectional study among physicians in Germany. *Loerbroks et al. BMC Public Health* 16: 342 DOI 10.1186/s12889-016-3016-y (2016)

Markevych I, Smith MP, Jochner, Standl M, Brüske I, von Berg A, Bauer C-P, Fuks K, Koletzko S, Berdel D, Heinrich J, Schulz H. Neighbourhood and physical activity in German adolescents: GINIplus and LISApplus I. *Markevych et al. / Environmental Research* 147: 284–293 (2016)

Markevych I, Standl M, Sugiri D, Harris C, Maier W, Berdel D, Heinrich J. Residential greenness and blood lipids in children: A longitudinal analysis in GINIplus and LISApplus. *Environmental Research* 151: 168–173 (2016)

Mossner M, Jann JC, Nowak D, Platzbecker U, Giagounidis A, Götze K, Letsch A, Haase D, Shirmeshan K, Bräulke F, Schlenk RF, Haferlach T, Schafhausen P, Bug G, Lübbert M, Ganser A, Büsche G, Schuler E, Nowak V, Pressler J, Obländer J, Fey S, Müller N, Lauinger-Lörsch E, Metzgeroth G, Weiß C, Hofmann WK, Germing U, Nolte F. Prevalence, clonal dynamics and clinical impact of TP53 mutations in patients with myelodysplastic syndrome with isolated deletion (5q) treated with lenalidomide: Results from a prospective multi-center study of the German MDS study group (GMDS). *Leukemia* 13:1956-1969 (2016)

Nowak D. Bioaerosole und Atemwegserkrankungen in der Landwirtschaft. *Allergologie* Jahrgang 39, 2: 77-85 (2016)

Ohlander J, Keskin M-C, Weiler S, Stork J, K. Radon K. Snap-fits and upper limb functional limitations in German automotive workers. *Occupational Medicine* 66 (6): 471-7 (2016)

Ohlander J, Huber SM, Schomaker M, Heumann C, Schierl R, Michalke B, Jenni OG, Caflisch J, Muñoz DM, von Ehrenstein OS, Katja Radon K. Mercury and neuromotor function among children in a rural town in Chile. *International Journal of Occupational and Environmental Health* 22(1): 27-35 *International Journal* (2016)

Olivieri M, Heinrich J, Schlünssen V, Antó JM, Forsberg B, Janson B, Leynaert B, Norback D, Sigsgaard T, Svanes C, Tischer C, Villani S, Jarvis D, Verlato G. The risk of respiratory symptoms on allergen exposure increases with increasing specific IgE. *Allergy* (6):859-68 (2016)

Radon K, Llanqui U, Arce A, Herrera R, Herbig B, Nowak D, Parra M. Job strain, bullying and violence at work and asthma in Peruvian cleaners—a cross-sectional analysis. *J Asthma*, 0(0): 1–8 (2016)

Radon K, Nowak D, Vogelberg C, Ruëff F. Berufsberatung allergiekranker Jugendlicher. *Deutsches Ärzteblatt Jg. 113: 31–32* (2016)

Rendoo D, Dayanjav, Ganbold U, Bose-O'Reilly S, Onom A, Surenjav U, Duvjir S. Mercury Levels of Environmentally and Occupationally Exposed Residents in Bornuur and Jargalant Districts of Mongolia. *Environment and Ecology Research* 4(4): 217-222 (2016)

Schenk K-E, Schierl R, Angele M, Burkart-Reichel A, Glockzin G, Novotny A, Nowak D. Cisplatin and oxaliplatin surface contamination in intensive care units (ICUs) and hospital wards during attendance of HIPEC patients. *Int Arch Occup Environ Health* 89 (6): 991-6 (2016)

Schierl R, Masini C, Groeneveld S, Fischer E, Böhländt A, Rosini V, Paolucci D. Environmental contamination by cyclophosphamide preparation: Comparison of conventional manual production in biological safety cabinet and robot-assisted production by APOTECACHemo. *J Oncol Pharm Practice* 22(1) 37–45 (2016)

Schoierer J, Lob-Corzilius T, Wermuth I, Nowak D, Böse O'Reilly S. Mehr Prävention durch das Präventionsgesetz in der Kinder- und Jugendärztlichen Praxis!? Doi: <http://dx.doi.org/10.1055/s-0042-102340> (2016)

Selge C, Thomas S, Nowak D, Radon K, Wolfarth B. Asthma prevalence in German Olympic athletes: A comparison of winter and summer sport disciplines. *Respiratory Medicine* 118: 15-21 (2016)

Smith MP, Berdel D, Nowak D, Heinrich J, Holger Schulz H. Physical Activity Levels and Domains Assessed by Accelerometry in German Adolescents from GINIplus and LISAPLUS. *PLoS ONE* 11(3): e0152217 (2016)

Smith MP, von Berg A, Berdel D, Bauer CP, Hoffmann B, Koletzko S, Nowak D, Heinrich J, Schulz H. Physical activity is not associated with spirometric indices in lung-healthy German youth. *Eur Respir J.* 48 (2): 428-40 (2016)

Stab N, Hacker W, Weigl M. Work organization in hospital wards and nurses' emotional exhaustion: A multi-method study of observation-based assessment and nurses' self-reports. *International Journal of Nursing Studies* 61: 52–62 (2016)

- Steckling et al. Lebensqualität in der Medizin. DOI 10.1007/978-3-658-10679-9 (2016)
- Tischer C, Weigl F, Probst AJ, Standl M, Heinrich J, Pritsch K. Urban Dust Microbiome: Impact on Later Atopy and Wheezing. *Environ Health Perspect* DOI: 10.1289/EHP158 (2016)
- Völkel W, Kiranoglu M, Dettbarn G, John A, Jessel S, Seidel A, Fromme H. Urinary toxicokinetics of di-(isononyl)-cyclohexane-1,2-dicarboxylate (DINCH1) in humans following single oral administration. *Toxicology Letters* 248: 16–24 (2016)
- Wacker ME, Jörres RA, Karch A, Koch A, Heinrich J, Karrasch S, Schulz H, Peters A, Gläser S, Ewert R, Baumeister SE, Vogelmeier C, Leidl R, Holle R and for the COSYCONET study group. Relative impact of COPD and comorbidities on generic health-related quality of life: a pooled analysis of the COSYCONET patient cohort and control subjects from the KORA and SHIP studies. *Wacker et al. Respiratory Research* 17 (1): 81 (2016)
- Wacker ME, Jörres RA, Karch A, Wilke S, Heinrich J, Karrasch S, Koch A, Schulz H, Watz H, Leidl R, Vogelmeier C. Assessing health-related quality of life in COPD: comparing generic and disease-specific instruments with focus on comorbidities. *Wacker et al. BMC Pulmonary Medicine* 16:70 DOI 10.1186/s12890-016-0238-9 (2016)
- Wacker ME, Jörres RA, Schulz H, Heinrich J, Karrasch S, Karch A, Koch A, Peters A, Leidl R, Vogelmeier C, Holle R. Direct and indirect costs of COPD and its comorbidities: Results from the German COSYCONET study. *Respiratory Medicine* 111: 39-46 (2016)
- Wei J, Gerlich J, Vogelberg C, von Mutius E, Windstetter D, Genuneit J, Weinmayr G, Nowak D, Radon K. Do young adults with atopic dermatitis avoid harmful workplace exposure at their first job? A prospective cohort study. *Int Arch Occup Environ Health* 89 (3): 397-406 (2016)
- Weigl M, Müller A, Angerer P, Petru R. Gefährdungsbeurteilung psychischer Belastung: Expertenbasierte Entwicklung einer checklistbasierten Handlungshilfe für Betriebsärzte. *Das Gesundheitswesen* 78(3): e14-22 (2016)
- Weigl M, Schneider A. Associations of work characteristics, employee strain and self-perceived quality of care in Emergency Departments: A cross-sectional study. *International Emergency Nursing* (2016)
- Weigl M, Stab N, Herms I, Angerer P, Hacker W, Glaser J. The associations of supervisor support and work overload with burnout and depression: a cross-sectional study in two nursing settings. *Journal of Advanced Nursing* 72 (8): 1774-88 (2016)
- Weigl M, Stefan P, Abhari K, Wucherer P, Fallavollita P, Lazarovici M, Weidert S, Euler E, Catchpole K. Intra-operative disruptions, surgeon's mental workload, and technical performance in a full-scale simulated procedure. *Surg Endosc.* 30 (2): 559-66 (2016)
- Weigl F, Tischer C, Probst AJ, Heinrich J, Markevych I, Jochner S, Pritsch K. Fungal and Bacterial Communities in Indoor Dust Follow Different Environmental Determinants. *PLoS ONE* 11(4): e0154131. doi:10.1371/journal.pone.0154131
- Yarmolinsky J, Barbieri NB, Weinmann T, Ziegelmann PK, Duncan BB, Schmidt MI. Plasminogen activator inhibitor-1 and type 2 diabetes: a systematic review and meta-analysis of observational studies. *Scientific Reports.* 6: 17714 DOI: 10.1038/srep17714 (2016)
- Yuan H, Liu H, Liu Z, Owzar K, Han Y, Su L, Wei Y, Hung RJ, McLaughlin J, Brhane Y, Brennan P, Bickeboeller H, Rosenberger A, Houlston RS, Caporaso N, Landi MT, Heinrich J, Risch A, Christiani DC, Gümüş ZH, Klein RJ, Amos CI, Wei Q. A Novel Genetic Variant in Long Non-coding RNA Gene NEXN-AS1 is Associated with Risk of Lung Cancer. *Nature Scientific Reports* 6:34234 DOI: 10.1038/srep34234 (2016)
- Zilz C, Blaas SH, Pfeifer M, Jörres RA, Budweiser S. Mental health, serum biomarkers and survival in severe COPD: a pilot study. *Multidiscip Respir Med.* 11:3. doi: 10.1186/s40248-016-0041-8. eCollection (2016)

# 2015

Amaral AFS, Minelli C, Guerra S, Wjst M, Probst-Hensch N, Pin I, Svanes C, Janson C, Heinrich J, Jarvis DL. The locus C11orf30 increases susceptibility to poly-sensitization. *Allergy* 70: 328–333 (2015)

Amaral AFS, Newson RB, Abramson MJ, Anto JM, Bono R, Corsico AG, de Marco R, Demoly P, Forsberg B, Gislason T, Heinrich J, Huerta I, Janson C, Jogi R, Kim J-L, Maldonado J, Rovira JM-M, Neukirch C, Nowak D, Pin I, Probst-Hensch N, Raheerison-Semjen C, Svanes C, Landa IU, van Ree R, Versteeg SA, Weyle Jr, Zock J-P, Burney PGJ, Jarvis DL. Changes in IgE sensitization and total IgE levels over 20 years of follow-up. *J Allergy Clin Immunol.* 2015 Nov 13 doi: 10.1016/j.jaci.2015.09.037 [Epub ahead of print] (2015)

Angerer P, Weigl M. Physicians' psychosocial work conditions and quality of care: A Literature Review. *Professions and Professionalism* 5 (1) doi:org/10.7577/pp.960 (2015)

Artigas MS, ..., Karrasch S et al. Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. *Nat Commun.* 2015 Dec 4;6:8658. doi: 10.1038/ncomms9658. (2015)

Bhardwaj M, Arteta M, Batmunkh T, Leonardo LB, Caraballo Y, Carvalho D, Dan W, Erdogan S, Brborovic H, Gudrun K, Ilse U, Ingle GK, Joshi SK, Kishore J, Khan Z, Retneswari M, Menses C, Moraga D, Njan A, Okonkwo FO, Ozlem K, Ravichandran S, Rosales J, Rybacki M, Sainnyambuu M, Shathanapriya K, Radon K. Attitude of medical students towards occupational safety and health: A multi-national study. *Int J Occup Environ Med* 6: 7-19 (2015)

Böhlandt A, Groeneveld S, Fischer E, Schierl R. Cleaning Efficiencies of Three Cleaning Agents on Four Different Surfaces after Contamination by Gemcitabine and 5-fluorouracile. *Journal of Occupational and Environmental Hygiene* 12 (6): 384-392 (2015)

Böhlandt A, Schierl R, Heizinger J, Dietrich-Gümperlein G, Zahradnik E, Bruckmaier L, Sültz J, Raulf M, Nowak D. Cow hair allergen concentrations in dairy farms with automatic and conventional milking systems: From stable to bedroom. *Int J Hyg Environ Health.* 219 (1): 79–87 (2015)

Burns J, Mason C, Mueller N, Ohlander J, Zock J-P, Drobnic F, Wolfarth B, Heinrich J, Omenaas E, Stensrud T, Nowak D, Radon K. Asthma prevalence in Olympic summer athletes and the general population: An analysis of three European countries. *Respiratory Medicine* 109 (7): 813-820 (2015)

Cheelo M, Lodge CJ, Dharmage SC, Simpson JA, Matheson M, Heinrich J, Lowe AJ. Paracetamol exposure in pregnancy and early childhood and development of childhood asthma: a systematic review and meta-analysis. *Arch Dis Child* 100 (1):81–89 doi:10.1136/archdischild-2012-303043 (2015)

De Marco R, Marcon A, Rossi A, Antó JM, Cerveri I, Gislason T, Heinrich J, Janson C, Jarvis D, Kuenzli N, Leynaert B, Probst-Hensch N, Svanes C, Wjst M, Burney P. Asthma, COPD and overlap syndrome: a longitudinal study in young European adults. *Eur Respir J* (in press) DOI: 10.1183/09031936.00008615 (2015)

Forouzanfar MH, ..., Steckling N et al. Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet* 386 (10010): 2287–2323 (2015)

Fromme H, Becher G, Hilger B, Völkel W. Brominated flame retardants – Exposure and risk assessment for the general population. *International Journal of Hygiene and Environmental Health* 219 (1): 1-23 (2015)

Fromme H, Cequier E, Kim J-T, Hanssen L, Hilger B, Thomsen C, Chang Y-S, Völkel W. Persistent and emerging pollutants in the blood of German adults: Occurrence of dechloranes, polychlorinated naphthalenes, and siloxanes. *Environment International* 85: 292–298 (2015)

- Fromme H, Dreyer A, Dietrich S, Fembacher L, Lahrz T, Völkel W. Neutral polyfluorinated compounds in indoor air in Germany - The LUPE 4 study. *Chemosphere*.139: 572-578 (2015)
- Fromme H, Schütze A, Lahrz T, Kraft M, Fembacher L, Siewering S, Burkardt R, Dietrich S, Koch HM, Völkel W. Non-phthalate plasticizers in German daycare centers and humanbiomonitoring of DINCH metabolites in children attending the centers (LUPE 3). *International Journal of Hygiene and Environmental Health* 219(1):33-9 (2015)
- Fuertes E and Heinrich J. The influence of childhood traffic-related air pollution exposure on asthma, allergy and sensitization. *Allergy* 70: 1350–1352 (2015)
- Glaser J, Seubert C, Hornung S, Herbig B. The Impact of Learning Demands, Work-Related Resources, and Job Stressors on Creative Performance and Health. *Journal of Personnel Psychology* 14 (1): 37–48 (2015)
- Heinrich J. Can prenatal maternal stress increase the risk of asthma? *Expert Rev. Respir. Med.* 9(4): 379–381 (2015)
- Herbig B, Schneider A, Nowak D. Does office space occupation matter? The role of the number of persons per enclosed office space, psychosocial work characteristics, and environmental satisfaction in the physical and mental health of employees. *Indoor Air*. Nov 5 doi: 10.1111/ina.12263. [Epub ahead of print] (2015)
- Kantermann T, Meisel A, Fitzthum K, Penzel T, Fietze I, Ulm L. Changes in chronotype after stroke: A pilot study. *Frontiers in Neurology* 5: 287 (2015)
- Karrasch S, Jörres RA, Ehret M, Herbig B, Langner J, Seeger S, Schierl R, Nowak D. Respiratory effects of laser printer emissions: A controlled exposure study. *European Respiratory Journal* 46 (suppl 59): PA1174 DOI:10.1183/13993003.congress-2015.PA1174 (2015)
- Kirschneck M, Legner R, Armbrust W, Nowak D, Cieza A. Can ICF Core Sets be Helpful in Preparing a Social-medical Expert Report Due to Incapacity to Work? – A First Proposal. *Rehabilitation* 54 (2): 92–101 (2015)
- Kraus U, Breitner S, Hampel R, Wolf K, Cyrys J, Gerschkat U, Gu J, Radon K, Peters A, Schneider A. Individual daytime noise exposure in different microenvironments. *Environmental Research* 140: 479–487 (2015)
- Kyba CCM, Kantermann T. Does ambient light at night reduce total melatonin production? *Hormones*, Letter to the editor. Accepted: 27-07 (2015)
- Liebermann S, Müller A, Weigl M, Wegge J. Antecedents of the Expectation of Remaining in Nursing until Retirement Age. *Journal for Advanced Nursing* 71 (7): 1624-1638 (2015)
- Loerbroks A, Weigl M, Li J, Glaser J, Degen C, Angerer P. Workplace Bullying and Depressive Symptoms: A Prospective Study among Junior Physicians in Germany. *Journal of psychosomatic research* 78 (2): 168-172 (2015)
- Luzak A, Flexeder C, von Berg A, Berdel D, Klümper C, Koletzko S, Bauer CP, Heinrich J, Nowak D, Schulz H. Relation of lung function and current inhalant allergen-specific immunoglobulin E concentrations in adolescents (GINIplus cohort). *Ann Allergy Asthma Immunol*. Sept 115 (3): 183-90. (2015)
- Müller A, De Lange A, Weigl M, van der Heijden B, Ackermans J, Wilkenloh J. Task Performance Among Employees Above Age 65: The Role of Cognitive Functioning and Job Demand-Control. *Work, Aging & Retirement* 1 (3). 296-308 (2015)
- Müller A, Heiden B, Herbig B, Poppe F, Angerer P. Improving Well-Being at Work: A Randomized Controlled Intervention Based on Selection, Optimization, and Compensation. *Journal of Occupational Health Psychology*. Advance online publication [Epub ahead of print] Aug 31 (2015)

Müller A, Weigl M. Selection, Optimization, and Compensation at Work in Relation to Age. In Pachana, N.A. (Ed). *Encyclopedia of Geropsychology*. Springer: New York (2015)

Ohlander J, Huber SM, Schomaker M, Heumann C, Schierl R, Michalke B, Jenni OG, Caflisch J, Muñoz DM, von Ehrenstein OS, Radon K. Correction: Risk Factors for Mercury Exposure of Children in a Rural Mining Town in Northern Chile. *PLOS ONE* 10(12): e0144527. doi:10.1371/journal.pone.0144527 (2015)

Ohlander J, Keskin M-C, Stork J, Radon K. Shift Work and Hypertension: Prevalence and Analysis of Disease Pathways in a German Car Manufacturing Company. *American Journal of Industrial Medicine*. 58 (5): 549–560 doi: 10.1002/ajim.22437 (2015)

Ohlander J, Weigl M, Petru R, Angerer P, Radon K. Working conditions and effort-reward imbalance of German physicians in Sweden respective Germany: a comparative study. *Int Arch Occup Environ Health*. 88 (4): 511-9 (2015)

Salas M, Quezada S, Basagoitia A, Fernandez T, Herrera R, Parra M, Moraga D, Weigl M, Radon K. Working conditions, workplace violence and psychological distress in Andean miners: A cross-sectional study across three countries. *Annals of Global Health* 81 (4): p465–474 doi: 10.1016/j.aogh.2015.06.002 (in press) (2015)

Schmidt L, Lahrz T, Kraft M, Göen T, Fromme H. Monocyclic and bicyclic monoterpenes in air of German daycare centers and human biomonitoring in visiting children, the LUPE 3 study. *Environment International* 83: 86–93 (2015)

Schneider A, Schwarzbach J, Faderl B, Hautmann H, Jörres RA. Whole-Body Plethysmography in Suspected Asthma: A Prospective Study of Its Added Diagnostic Value in 302 Patients. *Dtsch Arztebl Int* 112 (24): 405-11 (2015)

Schrötte A, Czihal M, Lottspeich C, Kuhlencordt P, Nowak D, Hoffmann U. Hypothenar hammer syndrome. *Vasa* 44 (3): 179–185 (2015)

Seidler A, Euler U, Letzel S, Nowak D (Hrsg.): *Gesunde Gestaltung von Büroarbeitsplätzen – arbeitsmedizinische Aspekte, physikalische Einflussfaktoren, Gefahrstoffexposition, Organisationsformen*. Landsberg: ecomed Medizin, 318 Seiten (2015)

Severin F, Borry P, Cornel MC, Daniels N, Fellmann F, Hodgson SV, Howard HC, John J, Kääriäinen H, Kayserili H, Kent A, Koerber F, Kristoffersson U, Kroese M, Lewis C, Marckmann G, Meyer P, Pfeufer A, Schmidtke J, Skirton H, Tranebjærg L, Rogowski WH. Points to consider for prioritizing clinical genetic testing services: a European consensus process oriented at accountability for reasonableness. *European Journal of Human Genetics* 23: 729–735 (2015)

Severin F, Hess W, Schmidtke J, Mühlbacher A, Rogowski W. Value judgements for priority setting criteria in genetic testing: A discrete choice experiment. *Health Policy*. 119: 164–173 (2015)

Smith M, Berdel D, Nowak D, Heinrich J, Schulz H. Sport Engagement by Accelerometry under Field Conditions in German Adolescents: Results from GINIPlus. *PLoS One*. 10 (8): e0135630 doi: 10.1371/journal.pone.0135630. eCollection (2015)

Steckling N, Plass D, Böse-O'Reilly S, Kobal AB, Krämer A, Hornberg C. Disease profile and health-related quality of 3 life (HRQoL) using the EuroQol (EQ-5D + C) 4 questionnaire for chronic metallic mercury 5 vapor intoxication. *Health and Quality of Life Outcomes* 13:196 DOI 10.1186/s12955-015-0388-0 (2015)

Suvd D, Davaadorj R, Baatartsol D, Unursaikhan S, Tsengelmaa M, Oyu T, Yunden S, Hagan-Rogers AM, Böse-O'Reilly S. Toxicity assessment in artisanal miners from low-level mercury exposure in Bornuur and Jargalant soums of Mongolia *Procedia Environmental Sciences* 30: 97-102 (2015)

Theadom A, Copley M, Kantermann T. Daytime napping associated with increased symptom severity in fibromyalgia syndrome. *BMC Musculoskeletal Disorders*. 16: 13 doi: 10.1186/s12891-015-0464-y (2015)

Thiering E, Brüske I, Kratzsch J, Hofbauer LC, Berdel D, von Berg A, Lehmann I, Hoffmann B, Bauer CP, Koletzko S, Heinrich J. Associations between serum 25-hydroxyvitamin D and bone turnover markers in a population based sample of German children. *Scientific Reports* 5:18138 DOI: 10.1038/srep18138 1 (2015)

Thiering E and Heinrich J. Epidemiology of air pollution and diabetes. *Trends in Endocrinology and Metabolism* 26 (7): 384-94 (2015)

Van de Ven HA, Bültmann U, de Looze MP, Koolhaas W, Kantermann T, Brouwer S, van der Klink JLL. Need for recovery among male technical distal on-call workers. *Ergonomics* 58(12):1927-38. doi: 10.1080/00140139.2015.1046498 (2015)

Van der Vinne V, Zerbini G, Siersema A, Pieper A, Merrow M, Hut RA, Roenneberg T, Kantermann T. Timing of Examinations Affects School Performance Differently in Early and Late Chronotypes *Journal of Biological Rhythms* 30 (1): 53–60 (2015)

Vos T, ..., Steckling N, et al. Global Burden of Disease Study 2013 Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet* 386 (9995): 743–800 (2015)

Wacker ME, Jörres RA, Karch A, Koch A, Heinrich J, Karrasch S, Schulz H, Peters A, Gläser S, Ewert R, Baumeister SE, Vogelmeier C, Leidl R, Holle R and for the COSYCONET study group. Relative impact of COPD and comorbidities on generic health-related quality of life: a pooled analysis of the COSYCONET patient cohort and control subjects from the KORA and SHIP studies. *Wacker et al. Respiratory Research* 17:81 DOI 10.1186/s12931-016-0401-0 (2016)

Wacker ME, Jörres RA, Schulz H, Heinrich J, Karrasch S, Karch A, Koch A, Peters A, Leidl R, Vogelmeier C, Holle R. Direct and indirect costs of COPD and its comorbidities: Results from the German COSYCONET study. *Respir Med.* 111:39-46. doi: 10.1016/j.rmed.2015.12.001. Epub 2015 Dec 10 (2016)

Walser SM, Gerstner DG, Brenner B, Bünger J, Eikmann T, Janssen B, Kolb S, Kolk A, Nowak D, Raulf M, Sagunski H, Sedlmaier N, Suchenwirth R, Wiesmüller G, Wollin K-M, Tesseroux I, Herr CEW. Evaluation of exposure–response relationships for health effects of microbial bioaerosols – A systematic review. *International Journal of Hygiene and Environmental Health* 218 (7): 577–589 (2015)

Weber J, Illi S, Nowak D, Schierl R, Holst O, von Mutius E and Ege MJ. Asthma and the Hygiene Hypothesis – Does Cleanliness Matter? *Am J Respir Crit Care Med.* 191 (5): 522-9 (2015)

Wei J, Gerlich J, Genuneit J, Nowak D, Vogelberg C, von Mutius E, Radon K. Hormonal factors and incident asthma and allergic rhinitis during puberty in girls. *Ann Allergy Asthma & Immunol.* 115 (1): 21-27 (2015)

Wei J, Gerlich J, Vogelberg C, von Mutius E, Windstetter D, Genuneit J, Weinmayr G, Nowak D, Radon K. Do young adults with atopic dermatitis avoid harmful workplace exposure at their first job? A prospective cohort study. *Int Arch Occup Environ Health* DOI 10.1007/s00420-015-1078-2 Accepted: 7 July (2015)

Weigl M, Antoniadis S, Chiapponi C, Bruns C, Sevdalis N. The impact of intra-operative interruptions on surgeons' perceived workload: an observational study in elective general and orthopedic surgery. *Surg Endosc* 29: 145–153 (2015)

Weigl M, Müller A, Holland S, Wedel S, Woloshynowych M. Work conditions, mental workload and patient care quality: a multisource study in the emergency department. *BMJ Qual Saf* doi:10.1136/bmjqs-2014-003744 (in press) (2015)



Weigl M, Schneider A, Hoffmann F, Angerer P. Work stress, burnout, and perceived quality of care: A cross-sectional study among hospital pediatricians. *European Journal of Pediatrics* 174 (9): 1237-1246 doi: 10.1007/s00431-015-2529-1 (2015)

Weinmann T, Gerlich J, Heinrich S, Nowak D, Gerdes J, Schlichtiger J, von Mutius E, Schaub B, Vogelberg C, Roller D, Radon K. Establishing a birth cohort to investigate the course and aetiology of asthma and allergies across three generations – rationale, design, and methods of the ACROSSOLAR study. *BMC Public Health* 15: 1210 DOI 10.1186/s12889-015-2555-y (2015)

Wucherer P, Stefan P, Abhari K, Fallavollita P, Weigl M, Lazarovici M, Winkler A, Weidert S, Peters T, de Ribaupierre S, Eagleson R, Navab N. Vertebroplasty Performance on Simulator for 19 Surgeons Using Hierarchical Task Analysis. *IEEE Transactions on Medical Imaging* 34 (8):1730-7. doi: 10.1109/TMI.2015 (2015)

## 2014

Albrecht E, Sillanpää E, Karrasch S, Alves AC, Codd V, Hovatta I, Buxton JL, Nelson CP, Broer L, Hägg S, Mangino M, Willemsen G, Surakka I, Ferreira MA, Amin N, Oostra BA, Bäckmand HM, Peltonen M, Sarna S, Rantanen T, Sipilä S, Korhonen T, Madden PA, Gieger C, Jörres RA, Heinrich J, Behr J, Huber RM, Peters A, Strauch K, Wichmann HE, Waldenberger M, Blakemore AI, de Geus EJ, Nyholt DR, Henders AK, Piirilä PL, Rissanen A, Magnusson PK, Viñuela A, Pietiläinen KH, Martin NG, Pedersen NL, Boomsma DI, Spector TD, van Duijn CM, Kaprio J, Samani NJ, Jarvelin MR, Schulz H. Telomere length in circulating leukocytes is associated with lung function and disease. *Eur Respir J.* 43, 983-992 (2014)

Allebrandt KV, Teder-Laving M, Kantermann T, Peters A, Campbell H, Rudan I, Wilson JF, Metspalu A, Roenneberg T. Chronotype and sleep duration: The influence of season of assessment. *Chronobiology International*, 31, 731-740 (2014)

Antoniadis S, Passauer-Baierl S, Baschnegger H, Weigl M. Identification and interference of intraoperative distractions and interruptions in operating rooms. *Journal of Surgical Research* 188, 21-29 (2014)

Bisdorff B, Kenn K, Nowak D, Schlichtiger J, Bäuml J, Orban E, Radon K. Asthma and vocal cord dysfunction related symptoms in the general population – a pilot study. *Ann Allergy Asthma Immunol.* 113, 576-577 (2014) doi:10.1016/j.anai.2014.08.009

Brüske I, Thiering E, Heinrich J, Huster KM, Nowak D. Respirable quartz dust exposure and airway obstruction: a systematic review and meta-analysis. *Occup Environ Med*, 71, 583-589 (2014)

Budweiser S, Harlacher M, Pfeifer M, Jörres RA. Co-morbidities and hyperinflation are independent risk factors of all-cause mortality in very severe COPD. *COPD.* 11, 388-400, 2014

Degen C, Weigl M, Glaser J, Li J, Angerer P. The impact of training and working conditions on junior doctors' intention to leave clinical practice. *BMC Medical Education*, 14:119 (2014), DOI:10.1186/1472-6920-14-119

Dias A, Gorzelniak L, Schultz K, Wittmann M, Rudnik J, Jörres R, Horsch A. Classification of exacerbation episodes in Chronic Obstructive Pulmonary Disease patients. *Methods of Information in Medicine* 53, 108-114 (2014)

Erren TC, Groß JV, Kantermann T, Kuffer L. Chronobiology and competitive sports: Recent studies and future perspectives. *Chronobiology International, Early Online:* 1–2, Jun;31(5):746-7 DOI: 10.3109/07420528.2014.899603 (2014)

- Fischer KE, Rogowski W. Funding decisions for newborn screening: a comparative review of 22 decision processes in Europe. *Int J Environ Res Public Health* 11, 5403-5430 (2014)
- Gallmeier K, Becker E, Kirsten A, Wölke G, Manuwald O, Meyer H, Magnussen H, Nowak D, Heinrich J. prediction of new-onset asthma and nasal allergy by skin prick test and RAST in a cohort of adults. *Eur Respir J* 43, 91-102 (2014)
- Gosling SN, Bryce EK, Dixon PG, Gabriel KMA, Gosling EY, Hanes JM, Hondula DM, Liang L, Bustos Mac Lean BA, Muthers S, Nascimento ST, Petralli M, Vanos JK, Wanka ER. A glossary for biometeorology. *Int J Biometeorol* 58, 277-308 (2014)
- Hatz MH, Schremser K, Rogowski WH. Is individualized medicine more cost-effective? A systematic review. *Pharmacoeconomics* 32, 443-455 (2014)
- Hollederer A, Benz C, Braun G, Dahlhoff G, Drexler H, Engel J, Gräßel E, Häusler E, Heide H, Heuschmann P, Hörl G, Imhof H, Kaplan M, Kasperbauer R, Klemperer D, Kolominsky-Rabas P, Krombholz W, Kuhn J, Lang M, Langejürgen R, Lankes A, Leidl R, Liebl B, Loss J, Ludewig K, Mansmann U, Melcop N, Nagels K, Huster KM, Müller A, Prohn MJ, Nowak D, Herbig B. Medical risks in older pilots: a systematic review on incapacitation and age. *Int Arch Occup Environ Health* 87, 567-578 (2014)
- Illi S, Weber HJ, Zutavern A, Genuneit J, Schierl R, Strunz-Lehner C, von Mutius E. Perinatal influences on the development of asthma and atopy in childhood. *Annals of Allergy, Asthma & Immunology*, 2014-02-01, Volume 112, Issue 2, Pages 132-139.e1 (2014)
- Kantermann T, Duboutay F, Haubruge D, Hampton S, Darling AL, Berry JL, Kerkhofs M, Zouaoui Boudjeltia K, Skene DJ. The direction of shift-work rotation impacts metabolic risk independent of chronotype and social jetlag – An exploratory pilot study. *Chronobiology International*, Dec;31(10):1139-45 Early Online: 1-7 (2014)
- Kellberger J, Peters-Weist AS, Heinrich S, Pfeiffer S, Vogelberg C, Roller D, Genuneit J, Weinmayr G, von Mutius E, Heumann C, Nowak D, Radon K. Predictors of work-related sensitisation, allergic rhinitis and asthma in early work life. *Eur Respir J* 44, 657-665 (2014)
- Koerber F, Waidelich R, Stollenwerk B, Rogowski W. The cost-utility of open prostatectomy compared with active surveillance in early localised prostate cancer. *BMC Health Services Research* 14:163 (2014), DOI: 10.1186/1472-6963-14-163
- Kreißl S, Radon K, Dressel H, Genuneit J, Kellberger J, Nowak D, von Mutius E, Weiland SK, Weinmayr G, Windstetter D, Vogelberg C. Body mass index change and atopic diseases are not always associated in children and adolescents. *Ann Allergy Asthma Immunol*, 113, 440-444 (2014)
- Kreuzer M, Dufey F, Laurier D, Nowak D, Marsh JW, Schnelzer M, Sogl M, Walsh L. Mortality from internal and external radiation exposure in a cohort of male German uranium millers, 1946–2008. *Int Arch Occup Environ Health*. Accepted 11 August 2014, DOI 10.1007/s00420-014-0973-2
- Kreuzer M, Dufey F, Marsh JW, Nowak D, Schnelzer M, Walsh L. Mortality from cancers of the extra-thoracic airways in relation to radon progeny in the Wismut cohort, 1946-2008. *Int J Radiation Biol* 90, 1030-1035 (2014)
- Le Moual N, Carsin AE, Siroux V, Radon K, Norback D, Torén K, Olivieri M, Urrutia, I, Cazzoletti L, Jacquemin B, Benke G, Kromhout H, Mirabelli MC, Mehta AJ, Schlünssen V, Sigsgaard T, Blanc PD, Kogevinas M, Antó, JM, Zock JP. Occupational exposures and uncontrolled adult-onset asthma in the European Community Respiratory Health Survey II. *Eur Respir J* 43, 374-386 (2014)
- Loth DW, ..., Karrasch S, ... et al. Genome-wide association analysis identifies six new loci associated with forced vital capacity. *Nat Genet.* 46, 669-677 (2014)

- Markevych I, Fuertes E, Tiesler CMT, Birk M, Bauer CP, Koletzko S, v.Berg A, Berdel D, Heinrich J. Surrounding greenness birth weight: Results from the GINIplus and LISAplus birth cohorts in Munich. *Health & Place* 26, 39-46 (2014)
- Müller A, Prohn M J, Huster K M, Nowak D, Angerer P, Herbig B. Pilots' age and incidents in helicopter emergency medical services: A five-year observational study. *Aviation, Space, and Environmental Medicine*, 85, 522-528 (2014)
- Nowak D1, Jörres RA, Rütther T. E-cigarettes--prevention, pulmonary health, and addiction. *Dtsch Arztebl Int*. 2014 May 16;111(20):349-55. doi: 10.3238/arztebl.2014.0349.
- Ohlander J, Keskin MC, Stork J, Radon K. Shift work and hypertension: prevalence and analysis of disease pathways in German car manufacturing workers. *Occup Environ Med*; 71 Suppl 1:A81. DOI: 10.1136/oemed-2014-102362.253. (2014)
- Ohlander J, Weigl M, Petru R, Angerer P, Radon K. Working conditions and effort-reward imbalance of German physicians in Sweden respective Germany: a comparative study. *Int Arch Occup Environ Health*. 2014 Sept 17. May;88(4):511-9 [Epub ahead of print]
- Ortlieb S, Gorzelniak L, Nowak D, Strobl R, Grill E, Thorand B, Peters A, Kuhn KA, Karrasch S, Horsch A, Schulz H. Associations between Multiple Accelerometry-Assessed Physical Activity Parameters and Selected Health Outcomes in Elderly People – Results from the KORA-Age Study. *PLOS ONE*, 9 (11) (2014)
- Ortlieb S, Dias A, Gorzelniak L, Nowak D, Karrasch S, peters A, Kuhn KA, Horsch A, Schulz H, and KORA Study Group. Exploring patterns of accelerometry-assessed physical activity in elderly people. *Int J Behav Nutr Phys Act* 11:28 (2014)
- Passauer-Baiertl S, Hull Louise, Miskovic D, Russ S, Sevdalis N, Weigl M. Re-validating the Observational Teamwork Assessment for Surgery Tool (OTAS-D): Cultural Adaptation, refinement, and psychometric evaluation. *World J Surg* 38, 305-313 (2014)
- Radon K. To live or not to live near a farm? *Occup Environ Med*. 71(2):79. DOI: 10.1136/oemed-2013-101790. Epub 2013. PubMed PMID: 24213565, (2014)
- Rogowski W, Payne K, Schnell-Inderst P, Manca A, Rochau U, Jahn B, Alagoz O, Leidl R, Siebert U. Concepts of 'Personalization' in Personalized Medicine: Implications for Economic Evaluation. *Pharmacoeconomics*, Sep, (2014) [Epub ahead of print]
- Rogowski WH, Grosse SD, Schmidtke J, Marckmann G. Criteria for fairly allocating scarce health-care resources to genetic tests: which matter most? *Eur J Human Genetics* 22, 25-31 (2014)
- Sadetzki S., Radon K, Weinmann T, Klostermann S, Heinrich S et al. The MOBI-Kids Study Protocol: Challenges in Assessing Childhood and Adolescent Exposure to Electromagnetic Fields from Wireless Telecommunication Technologies and Possible Association with Brain Tumor Risk. *Front Public Health*. 2014 Sep 23; 2:124. DOI: 10.3389/fpubh.2014.00124. eCollection 2014 (2014)
- Schierl R, Lemmer A, Böhländt A, Friedl L, Haneder S, Nowak D. Silicone implants – a possible confounder for urinary platinum background concentrations? *Environmental Research* 132, 269–272 (2014)
- Schierl R, Masini C, Groeneveld S, Fischer E, Böhländt A, Rosini V, Paolucci D. Environmental contamination by cyclophosphamide preparation: Comparison of conventional manual production in biological safety cabinet and robot-assisted production by APOTECACHemo. *J Oncol Pharm Pract*, DOI: 10.1177/1078155214551316 (2014)
- Schierl R, Ochmann U. Occupational Health Aspects of Platinum. In: Zereini F, Wiseman CLS (Hrsg): *Platinum Metals in the Environment*. p. 463-476. Environmental Science. Springer Verlag, Heidelberg 2015

- Schlick C, Joachin M, Briceño L, Moraga D, Radon K. Occupational injuries among children and adolescents in Cusco Province: a cross-sectional study. *BMC Public Health*. 2014 Jul 30;14:766. DOI: 10.1186/1471-2458-14-766 (2014)
- Schneckenpointner R, Jörres RA, Meidenbauer N, Kollert F, Pfeifer M, Budweiser S. The clinical significance of anemia and disturbed iron homeostasis in chronic respiratory failure. *Int J Clin Pract* 68, 130-138 (2014)
- Schneider A, Faderl B, Schwarzbach J, Welker L, Karsch-Völk M, Jörres RA. Prognostic value of bronchial provocation and FENO measurement for asthma diagnosis--results of a delayed type of diagnostic study. *Respir Med*. 108, 34-40 (2014)
- Schober W, Szendrei K, Matzen W, Osiander-Fuchs H, Heitmann D, Schettgen T, Jörres RA, Fromme H. Use of electronic cigarettes (e-cigarettes) impairs indoor air quality and increases FeNO levels of e-cigarette consumers. *Int J Hyg Environ Health* 217, 628-637 (2014)
- Solis-Soto MT, Patiño A, Nowak D, Radon K. Prevalence of asthma, rhinitis and eczema symptoms in rural and urban school-aged children from Oropeza Province - Bolivia: a cross-sectional study. *BMC Pulm Med*. 2014 Mar 10;14:40. DOI: 10.1186/1471-2466-14-40, (2014)
- Steckling N, Böse-O'Reilly S, Pinheiro P, Plaß D, Shoko D, Drasch G, et al. The burden of chronic mercury intoxication in artisanal small-scale gold mining in Zimbabwe: data availability and first estimates. *Environmental Health* 13, 111 (2014) doi: 10.1186/1476-069X-13-111
- Steckling N, Böse-O'Reilly S, Shoko D, Muschack S, Schierl R. Testing local conditions for the introduction of a mercury-free gold extraction method using borax in Zimbabwe. *Journal of Health & Pollution* Vol. 4 (7), (2014)
- Tang W, Kowgier M, Loth DW, Artigas MS, Karrasch S, et al. Large-Scale Genome-Wide Association Studies and Meta-Analyses of Longitudinal Change in Adult Lung Function. *PLOS ONE*:9(7), (2014)
- Wacker ME, Hunger M, Karrasch S, Heinrich J, Peters A, Schulz H, Holle R. Health-related quality of life and chronic obstructive pulmonary disease in early stages – longitudinal results from the population-based KORA cohort in a working age population. *BMC Pulmonary Medicine*, 14:134 (2014)
- Wanka ER, Bayerstadler A, Heumann C, Nowak D, Jörres RA, Fischer R. Weather and air pollutants have an impact on patients with respiratory diseases and breathing difficulties in Munich, Germany. *Int J Biometeorol* 58:249–262, DOI 10.1007/s00484-013-0730-3 (2014)
- Weigl M, Müller A, Hornung S, Leidenberger M, Heiden B. Job resources and work engagement: the contributing role of selection, optimization, and compensation strategies at work. *J Labour Market Res*, DOI 10.1007/s12651-014-0163-4 (2014)
- Weigl M, Müller A, Angerer P, Hoffmann F. Workflow interruptions and mental workload in hospital pediatricians: an observational study. *BMC Health Services Research*, 14(1), 433 (2014)
- Weigl M, Hoffmann F, Müller A, Barth N, Angerer P. Hospital paediatricians' workflow interruptions, performance, and care quality: a unit-based controlled intervention: A unit-based controlled intervention. *European Journal of Paediatrics*, 173, 637-645 (2014)
- Weigl M, Antoniadis S, Chiapponi C, Bruns C, Sevdalis N. The impact of intra-operative interruptions on surgeons' perceived workload: an observational study in elective general and orthopedic surgery. *Surg Endosc*. Jan;29(1):145-53 DOI:10.1007/s00464-014-3668-6, (2014)
- Wenig J, Kröger CB, Nowak D. Tabakentwöhnung in Rehabilitationskliniken: Outcome und Prädiktoren der Teilnahme. *Rehabilitation* 53, 245-250 (2014)