

PUBLICATIONS

144 peer-reviewed journal articles; h-index: 51 (Web of Science); 23 articles cited more than 100 times & over 8000 citations (Web of Science); 4 editorials; 50 articles in conference proceedings; 12 articles and chapters in books; listing follows.

A. ARTICLES IN PEER-REVIEWED JOURNALS (*corresponding author)

1. Burkholder, J. B.; Abbatt, J. P. D.; Barnes, I.; Roberts, J. M.; Melamed, M. L.; Ammann, M.; Bertram, A. K.; Cappa, C. D.; Carlton, A. M. G.; Carpenter, L. J.; Crowley, J. N.; Dubowski, Y.; George, C.; Heard, D. E.; Herrmann, H.; Keutsch, F. N.; Kroll, J. H.; McNeill, V. F.; Ng, N. L.; Nizkorodov, S. A.; Orlando, J. J.; Percival, C. J.; Picquet-Varrault, B.; Rudich, Y.; Seakins, P. W.; Surratt, J. D.; Tanimoto, H.; Thornton, J. A.; Zhu, T.; Tyndall, G. S.; Wahner, A.; Weschler, C. J.; Wilson, K. R.; Ziemann, P. J., The Essential Role for Laboratory Studies in Atmospheric Chemistry. *Environ. Sci. Technol.* 51, in press, 2017. doi: 10.1021/acs.est.6b04947
2. Wallace, L. A., W. R. Ott, C. J. Weschler, C. K. L. Lai, Desorption of SVOCs from heated surfaces in the form of ultrafine particles. *Environ. Sci. Technol.*, 51, 1140-1146, 2017.
3. Morrison, G.; C. J. Weschler, G. Bekö, Dermal uptake of phthalates from clothing: comparison of model to human participant results. *Indoor Air*, in press, 2016, doi: 10.1111/ina.12354
4. Xiang, J., C. J. Weschler*, J. Mo, D. Day, J. Zhang, Y. Zhang, Ozone, electrostatic precipitators, and particle number concentrations: correlations observed in a real office during working hours, *Environ. Sci. Technol.*, 50, 10236-10244, 2016.
5. Bekö, G., G. Morrison, C. J. Weschler, H. M. Koch, C. Pälme, T. Salthammer, T. Schripp, J. Toftum, G. Clausen, Measurements of dermal uptake of nicotine directly from air and clothing. *Indoor Air*, in press, 2016, doi: [10.1111/ina.12327](https://doi.org/10.1111/ina.12327)
6. Lorber, L., C. J. Weschler, G. Morrison, G. Bekö, M. Gong, H. M. Koch, T. Salthammer, T. Schripp, J. Toftum, G. Clausen, Linking a dermal permeation and an inhalation model to a simple pharmacokinetic model to study airborne exposure to di(n-butyl) phthalate. *J. Exposure Science & Environ. Epidemiology*, in press, 2016, doi:[10.1038/jes.2016.48](https://doi.org/10.1038/jes.2016.48)
7. Dannemiller, K. C., C. J. Weschler, J. Peccia, Fungal and bacterial growth in floor dust at elevated relative humidity levels, *Indoor Air*, in press, 2016, doi: 10.1111/ina.12313
8. Langer, S., M. Fredricsson, C. J. Weschler, G. Bekö, B. Strandberg, M. Remberger, J. Toftum, G. Clausen, Organophosphate esters in dust samples collected from Danish homes and daycare centers. *Chemosphere*, 154, 559-566, 2016.
9. Gong, M., C. J. Weschler*, Y. Zhang, Impact of clothing on dermal exposure to phthalates: observations and insights from sampling both skin and clothing. *Environ. Sci. Technol.*, 50, 4350-4357, 2016.
10. Weschler, C. J., Roles of the human occupant in indoor chemistry, *Indoor Air*, 26, 6-24, 2016.
11. Morrison, G.C., C.J. Weschler, G. Bekö, Dermal uptake directly from air under transient conditions: Advances in modeling and comparisons with experimental results for human subjects, *Indoor Air*, 26, 913-924, 2016.
12. Cao, J., C. J. Weschler, J. Luo, Y. Zhang, Cm-history method, a novel approach to simultaneously measure source and sink parameters important for estimating indoor exposures to phthalates. *Environ. Sci. Technol.*, 50, 825-834, 2016.
13. Hodas, N., M. Loh, H-M Shin, D, Li, D. Bennett, T.E. McKone, O. Jolliet, C.J. Weschler, M. Jantunen, P. Liroy, P. Fantke, Indoor inhalation intake fractions of fine particulate matter: Review of influencing factors, *Indoor Air*, 26, 836-856, 2016.

14. Morrison, G.C., C.J. Weschler, G. Bekö, H.M. Koch, T. Salthammer, T. Schripp, J. Toftum, G. Clausen, Role of clothing in both accelerating and impeding dermal absorption of airborne SVOCs. *J. Exposure Science & Environ. Epidemiology*, 26 (1), 113-118, 2016.
15. Weschler, C.J., G. Bekö, H.M. Koch, T. Salthammer, T. Schripp, J. Toftum, G. Clausen, Transdermal uptake of diethyl phthalate and di(*n*-butyl) phthalate directly from air: experimental verification. *Environ Health Perspect.*, 123, 928-934, 2015
16. Bekö G., J.G. Allen, C.J. Weschler, J. Vallarino, J.D. Spengler, Impact of cabin ozone concentrations on passenger reported symptoms in commercial aircraft. *PLoS ONE* 10(5): e0128454, 2015, doi:10.1371/journal.pone.0128454
17. Gong, M., C. J. Weschler*, L. Liu, H. Shen, L. Huang, J. Sundell, Y. Zhang, Phthalate metabolites in urine samples from Beijing children and correlations with phthalate levels in their handwipes. *Indoor Air*, 25, 572-581, 2015.
18. Wallace, L. A., W. R. Ott, C. J. Weschler, Ultrafine particles from electric appliances and cooking pans: experiments suggesting desorption/nucleation of sorbed organics as the primary source. *Indoor Air*, 25, 536-546, 2015.
19. Bekö, G., M. Callesen, C. J. Weschler, J. Toftum, S. Langer, T. Sigsgaard, A. Høst, T. K. Jensen, G. Clausen, Phthalate exposure through different pathways and allergic sensitization in preschool children with asthma, allergic rhinoconjunctivitis and atopic dermatitis, *Environ. Res.*, 137, 432-439, 2015.
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21. Liu, C., Y. Zhang, C. J. Weschler*, The impact of mass transfer limitations on size distributions of particle associated SVOCs in outdoor and indoor environments. *Sci. Total Environ.*, 494-495, 401-411, 2014.
22. Schripp, T., T. Salthammer, C. Fauck, G. Bekö and C. J. Weschler, Latex paint as a delivery vehicle for diethylphthalate and di-*n*-butylphthalate: predictable boundary layer concentrations and emission rates. *Sci. Total Environ.*, 494-495, 299-305, 2014.
23. Gong, M., Y. Zhang, C. J. Weschler*, Measurement of phthalates in skin wipes: Estimating exposure from dermal absorption. *Environ. Sci. Technol.*, 48, 7428-7435, 2014.
24. Weschler, C. J. and W. W. Nazaroff, Dermal uptake of organic vapors commonly found in indoor air, *Environ. Sci. Technol.*, 48, 1230-1237, 2014.
25. Callesen, M., G. Bekö, C. J. Weschler, S. Langer, L. Briva, G. Clausen, J. Toftum, T. Sigsgaard, A. Høst, T. K. Jensen, Phthalate metabolites in urine and asthma, allergic rhinoconjunctivitis and atopic dermatitis in preschool children, *Int. J. Hyg. Environ. Health*, 645-652, 2014.
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33. Fadeyi, M.O., C. J. Weschler, K. W. Tham, W. Y. Wu, M. S. Zuraimi, Impact of human presence on secondary organic aerosols derived from ozone-initiated chemistry in a simulated office environment, *Environ. Sci. Technol.*, *47*, 3933-3941, 2013.
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38. Chen, C., B. Zhao, C. J. Weschler, Indoor exposure to “Outdoor PM₁₀”: Assessing its influence on the relationship between PM10 and short-term mortality in U.S. cities, *Epidemiology*, *23*, 870-878, 2012.
39. Clausen, G., A. Høst, J. Toftum, G. Bekö, C. Weschler, M. Callesen, S. Buhl, M. B. Ladegaard, S. Langer, B. Andersen, J. Sundell, C.-G. Bornehag, T. Sigsgaard, Children’s health and its association with indoor environments in Danish homes and daycare centres – methods, *Indoor Air*, *22*, 467-475, 2012.
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D. ARTICLES AND CHAPTERS IN BOOKS

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Ph.D. Thesis

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