

Liste des publications

- **Articles. Liste des publications dans des revues à comité de lecture ACL (n=55)**

1. Wei W. , Bonvallet N., Gustafsson Å, Raffy G., Glorennec P., Kraiss A., Ramalho O., Le Bot B., Mandin C., (2018) Bioaccessibility and bioavailability of environmental semi-volatile organic compounds via inhalation: A review of methods and models, *Environment International*, 113, 202–213.
2. Pelletier M., Glorennec P., Mandin C., Le Bot B., Ramalho O., Mercier F., Bonvallet N. (2018), Chemical-by-chemical and cumulative risk assessment of residential indoor exposure to semivolatile organic compounds in France, *Environ Int.* 2018 Apr 26;117:22-32. doi: 10.1016/j.envint.2018.04.024.
3. Pelletier, M.; Bonvallet, N.; Ramalho, O.; Mandin, C.; Wei, W.; Raffy, G.; Mercier, F.; Blanchard, O.; Le Bot, B.; Glorennec, P. (2017), Indoor Residential Exposure to Semivolatile Organic Compounds in France. *Environ. Int.*, 109, 81–88. (IF=7,088)
4. Jaffrézic A., Jardé E., Soulier A., Carrera L., Marengue E., Cailleau A., Le Bot B. (2017), Veterinary pharmaceutical contamination in mixed land use watersheds: from agricultural headwater to water monitoring watershed, *Science of The Total Environment*, Volume 609, Pages 992-1000, <http://dx.doi.org/10.1016/j.scitotenv.2017.07.206>. (IF=4,9)
5. Glorennec, P., Serrano, T., Fravallo, M., Warembourg, C., Monfort, C., Cordier, S., Viel, J.-F., Le Gléau, F., Le Bot, B., Chevrier, C. (2017), Determinants of children's exposure to pyrethroid insecticides in western France, *Environment international*, 104:76-82. (IF=7,088)
6. Pelletier M., Bonvallet N., Ramalho O., Blanchard O., Mercier F., Mandin C., Le Bot B., Glorennec P., (2017). Dermal absorption of semi volatile organic compounds from the gas phase: Sensitivity of exposure assessment by steady state modeling to key parameters, *Environment international*. 102:106-113. (IF=7,088)
7. Wei, W., Mandin, C., Blanchard, O., Mercier, F., Pelletier, M., Le Bot, B., Glorennec, P., Ramalho, O. (2017). Predicting the gas-phase concentration of semi-volatile organic compounds from airborne particles: Application to a French nationwide Survey. *Science of the Total Environment*, 576, 319–325. (IF=4,9)
8. Le Cann, P.; Paulus, H.; Glorennec, P.; Le Bot, B.; Frain, S.; Gangneux, J.P. (2017) Home Environmental Interventions for the Prevention or Control of Allergic and Respiratory Diseases: What Really Works. *The journal of allergy and clinical immunology In practice*; 5 (1), 66-79. (IF=5,317)
9. Glorennec P., Lucas JP., Mercat AC., Roudot AC., Le Bot B (2016) Environmental and dietary exposure of young children to inorganic trace elements, *Environ Int.*, Oct 19, 97, 28-36. (IF=7,088)
10. Le Bot B., Lucas J.P., Lacroix F., Glorennec P., (2016) Exposure of children to metals via tap water ingestion at home: Contamination and exposure data from a nationwide survey in France, *Environment International* 94, 500–507. (IF=7,088)
11. Wei W, Mandin C, Blanchard O, Mercier F, Pelletier M, Le Bot B, Glorennec P, Ramalho O (2016) Distributions of the particle/gas and dust/gas partition coefficients for seventy-two semi-volatile organic compounds in indoor environment. *Chemosphere* 153:212–9. (IF=4,208)
12. Wei W, Mandin C, Blanchard O, Mercier F, Pelletier M, Le Bot B, Glorennec P, Ramalho O

- (2016) Temperature dependence of the particle/gas partition coefficient: An application to predict indoor gas-phase concentrations of semi-volatile organic compounds, *Sci Total Environ* 563-564:506–512. (IF=4,9)
13. Chevrier C, Warembourg C, Le Maner-Idrissi G, Lacroix A, Dardier V, Le Sourn-Bissaoui S, Rouget F, Monfort C, Gaudreau E, Mercier F, Bonvallet N, Glorennec P, Muckle G, Le Bot B, Cordier S (2016) Childhood exposure to polybrominated diphenyl ethers and neurodevelopment at six years of age. *Neurotoxicology* 54:81–88. (IF=3,1)
 14. Raffy G, Mercier F, Blanchard O, Derbez M, Dassonville C, Bonvallet N, Glorennec P, Le Bot B (2016) Semi-volatile organic compounds in the air and dust of 30 French schools. *Indoor Air* 2017, 27, 114-127. (IF=4,383)
 15. Mandin C, Mercier F, Ramalho O, Lucas J-P, Gilles E, Blanchard O, Bonvallet N, Glorennec P, Le Bot B (2016) Semi-volatile organic compounds in the particulate phase in dwellings: A nationwide survey in France. *Atmos Environ* 136:82–94. (IF= 3.629)
 16. Bodeau-Livinec F., Glorennec P., Cot M., Dumas P., Durand S., Massougbodji A., Ayotte P., Le Bot B. (2016), Elevated blood lead levels in infants and mothers in Benin and potential sources of exposure, *International journal of environmental research and public health*, 13(3). (IF=2,1)
 17. Dallongeville A., Costet N., Zmirou-Navier D., Le Bot B., Chevrier C., Deguen S., Annesi-Maesano I., Blanchard O., (2016) Volatile and semi-volatile organic compounds of respiratory health relevance in French dwellings, *Indoor air* ; 26: 426–438. (IF=4,383)
 18. Etchevers, A., Le Tertre, A., Lucas, J-P., Bretin, P., Oulhote, Y., Le Bot, B., Glorennec, P. (2015), Environmental determinants of different blood lead levels in children: A quantile analysis from a nationwide survey, *Environment International*,74,152-159. (IF=7,088)
 19. Givaudan N., Binet F., Le Bot B., Wiegand C., (2014) Earthworm tolerance to residual agricultural pesticide contamination: Field and experimental assessment of detoxification capabilities, *Environmental Pollution* 192, 9-18. (IF=5,099)
 20. Blanchard O., Mercier F., Ramalho O., Mandin C., Le Bot B., Glorennec P. (2014), Measurements of semi-volatile organic compounds in settled dust: influence of storage temperature and duration. *Indoor Air*, 24 (2), 125-135. (IF=4,383)
 21. Givaudan N., Wiegand C., Le Bot B., Renault D., Pallois F., Llopis S., Binet F. (2014), Acclimation of earthworms to chemicals in anthropogenic landscapes, physiological mechanisms and soil ecological implications. *Soil Biology and Biochemistry*, 73. pp. 49-58. (IF=4,857)
 22. Blanchard O., Glorennec P., Mercier F., Bonvallet N., Chevrier C., Ramalho O., Mandin C., Le Bot B. (2014), Semivolatile Organic Compounds in Indoor Air and Settled Dust in 30 French Dwellings. *Environmental Science & Technology*, 48 (7), 3959-3969. (IF= 6.198)
 23. Mercier F., Gilles E., Saramito G., Glorennec P., Le Bot B. (2014), A multi-residue method for the simultaneous analysis in indoor dust of several classes of semi-volatile organic compounds by pressurized liquid extraction and gas chromatography/tandem mass spectrometry. *Journal of Chromatography A*, 1336, 101-111. (IF=3,981)
 24. Lucas JP., Bellanger L., Le Strat Y., Le Tertre A., Glorennec P., Le Bot B., Etchevers A., Mandin C., Sebille V. (2014) Source Contributions of Lead in Residential Floor Dust and Within-Home Variability of Dust Lead Loading, *Science of the Total Environment*, Feb 1;470-471:768-79. (IF=4,9)
 25. Vesin A., Glorennec P., Le Bot B., Wortham H., Bonvallet N., Quivet E., (2013) Transfluthrin indoor air concentration and inhalation exposure during application of electric vaporizers. *Environment International* 60, 1–6. (IF=5,297)
 26. Oulhote Y., Le Tertre A., Etchevers A., Le Bot B., Lucas J.P., Mandin C., Le Strat Y., Lanphear B.,

- Glorennec P., (2013) Implications of different residential lead standards on children's blood lead levels in France: Predictions based on a national cross-sectional survey, *International Journal of Hygiene and Environmental Health*, DOI :10.1016/j.ijheh.2013.02.007. (IF=3,809)
27. Mompelat S., Jaffrezic A., Jardé E., Le Bot B. (2013), Storage of natural water samples and preservation techniques for pharmaceutical quantification, *Talanta*, 109, 31–45. (IF=3,794)
 28. Mercier F., Glorennec P., Blanchard O., Le Bot B. (2012), Analysis of semi-volatile organic compounds in indoor suspended particulate matter by thermal desorption coupled with gas chromatography / mass spectrometry. *Journal of Chromatography A*, 1254, 107-114. (IF=4, 531)
 29. Gaume B., Bourgoignon N., Auzoux-Bordenave S., Roig B., Le Bot B., Bedoux G., (2012), In vitro effects of triclosan and methyl-triclosan on the marine gastropod *Haliotis tuberculata*, *Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology*, 156, (2),87-94. (IF=2,616)
 30. Glorennec P., Lucas J.P., Mandin C., Le Bot B. (2012) French children's exposure to metals via ingestion of indoor dust, outdoor playground dust and soil: contamination data, *Environment International*, 45, 129-134. (IF=5,297)
 31. Lucas J.P., Le Bot B., Glorennec P., Etchevers A., Bretin P., Douay F., Sébille V., Bellanger L., Mandin C. (2012), Lead Contamination in French Children's Homes and Environment, *Environmental Research*, Vol. 116, 58-65. (IF=3,398)
 32. Bedoux G., Roig B., Thomas O., Dupont V., Le Bot B. (2012), Occurrence and Toxicity of Antimicrobial Triclosan and By-products in the Environment, *Environmental Science and Pollution Research* 19 (4), 1044-1065. (IF=2,651)
 33. Oulhote Y., Le Bot B., Poupon J., Lucas J.P., Etchevers A. , Zmirou-Navier D., Glorennec P. (2011). Identification of sources of lead exposure in French children by lead isotope analysis: A cross-sectional study, *Environmental Health : A Global Access Science Source* 10 (1) , art. no. 75. (IF=2,45)
 34. Le Cann P., Bonvallet N., Glorennec P., Deguen S., Goeury C., Le Bot B. (2011). Indoor environment and children's health: recent developments in chemical, microbial, physical and social aspects. *International Journal of Hygiene and Environmental Health*, 2011, 215: 1-18. (IF=3,809)
 35. Marie N., Verdier C., Le Bot B., Burgot G. (2011). Analysis of sodium and potassium in total parenteral nutrition bags by ICP-MS and ICP-AES: critical influence of the ingredients, *American Journal of Analytical Chemistry*, Vol.2 No.5, 573-581.
 36. Mompelat S., Thomas O., Le Bot B. (2011). Contamination level of human pharmaceutical products in French surface and drinking water, *Journal of Environmental Monitoring*, Vol. 13, Issue 10, October 2011, 2929-2939. (IF=1,991)
 37. Tamtam, F., Le Bot B., Dinh T., Mompelat S., Eurin J., Chevreuil M. , Bonté P., Mouchel J. M., Ayrault S., (2011) A 50-year record of quinolone and sulphonamide antimicrobial agents in Seine river sediment, *Journal of Soils and Sediments*, 11, 5, 852-859. (IF=1,89)

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39. Monard C., Vandenkoornhuysen P., Le Bot B. and Binet F. (2011) Relationship between bacterial diversity and function under biotic control: the soil pesticide degraders as a case study, *Multidisciplinary Journal of Microbial Ecology (ISME)*, 5, 1048-1056.(IF=7,375)
40. Tamtam F., Van Oort F., Le Bot B., Dinh T., Mompelat S., Chevreuil M., Lamy I., Thiry M. (2011) Assessing the fate of antibiotic contaminants in metal contaminated soils four years after cessation of long-term waste water irrigation, *Science of the Total Environment*, volume 409, issue 3, 540-547.(IF=3,286)
41. Oulhote Y., Le Bot B., Deguen S., Glorennec P. (2011) Using and interpreting isotope data for source identification: A review , *Trends of Analytical Chemistry*, Volume 30, Issue 2, 302-312. (IF=6,273)
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43. Le Bot B., Gilles E., Durand S., Glorennec P. (2010) Bioaccessible and quasi-total metals in soil and indoor dust. *European journal of mineralogy*, 22: 651-657. (IF=1,486)
44. Bonvallet N.; Mandin C., Mercier F., Le Bot B., Glorennec P. (2010) Health ranking of ingested semi-volatile organic compounds in house dust: an application to France. *Indoor Air*, 20, 6: 458-472. (IF=2,55)
45. Ibanez Y., Le Bot B., Glorennec P.(2010) House dust metal content and bioaccessibility: a review, *European journal of mineralogy*, 22, 629-637. (IF=1,486)
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