

1. Jung AV., Le Cann P., Roig B., Thomas O., Baurès E., Thomas M-F., (2014) Microbial Contamination Detection in Water Resources: Interest of Current Optical Methods, Trends and Needs in the Context of Climate Change, *Int. J. Environ. Res. Public Health*, 11, 4292-4310.
2. Thomas O., Jung A-V., Causse J., Louyer M-V., Piel S., Baurès E., Thomas M-F., (2014) Revealing organic carbon - nitrate linear relationship from UV spectra of freshwaters in agricultural environment, *Chemosphere*, 107, 115–120
3. Givaudan N., Binet F., Le Bot B., Wiegand C., Earthworm tolerance to residual agricultural pesticide contamination: Field and experimental assessment of detoxification capabilities, accepted in *Environmental Pollution*, 2014, DOI: 10.1016/j.envpol.2014.05.001.
4. 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.
5. 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*,
6. Blanchard O., Glorennec P., Mercier F., Bonvallot 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.
7. Pitois F., Thoraval I., Baurès E., Thomas O. (2014), Geographical patterns in cyanobacteria distribution: climate influence at regional scale. *Toxins*, 6, 509-522.
8. Pitois F., Thomas O., Thoraval I., Baurès E. (2014), Learning from 8 years of regional cyanobacteria observation in Brittany in view of sanitary survey improvement. *Environment International*, 62, 113-118.
9. Roig B., Baures E., Thomas O. (2014), Perspectives on Drinking-Water Monitoring for small scale water systems, *Water Sciences and Technology – water supply*. in press, doi:10.2166/ws.2013.211.
10. Habauzit, D., Bayle, S., Benimelis, D., Chopineau, J., Roig, B. (2014), Impact of biochemical design on estrogen receptor/estrogen response element interaction by surface plasmon resonance technology. *Arch. Biochem. Biophys*, 541, 61-66.
11. 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.
12. Méheust D., Le Cann P., Reboux G., Million L., Gangneux J.P. (2014), Indoor fungal contamination: health risks and measurement methods in hospitals, homes and workplaces. *Critical Reviews in Microbiology*, 40 (3), 248-260.
13. Roig B., Cadiere A., Bressieux S., Biau S., Faure S. de Santa Barbara P. (2014), Environmental concentration of nonylphenol alters the development of urogenital and visceral organs in avian model. *Environment International*, 62, 78-85.
14. Lucas JP., Bellanger L., Le Strat Y., Le Tertre A., Glorennec P., Le Bot B., Etchevers A., Mandin C., Sebille V. (2013) Source Contributions of Lead in Residential Floor Dust and Within-Home Variability of Dust Lead Loading, *Science of the Total Environment*, DOI:10.1016/j.scitotenv.2013.10.028.
15. Verrey D., Louyer M.V., Thomas O., Baurès E., (2013) Direct determination of trace-level haloacetic acids in drinking water by two-dimensional ion chromatography with suppressed conductivity. *Microchemical Journal* 110, 608-613.
16. Vesin A., Glorennec P., Le Bot B., Wortham H., Bonvallot N., Quivet E., (2013) Transfluthrin indoor air concentration and inhalation exposure during application of electric vaporizers. *Environment International* 60, 1–6.
17. Merel S., Walker D., Chicana R., Snyder S., Baurès E., Thomas O., (2013) State of knowledge and concerns on cyanobacterial blooms and cyanotoxins. *Environment International* 59, 303-327.

18. Kettleson E., Kumar S., Reponen T., Vesper S., Méheust D., Grinshpun S.A., Adhikari A. (2013), Stenotrophomonas, Mycobacterium, and Streptomyces in home dust and air: associations with moldiness and other home/family characteristics, *Indoor Air*, 23(5):387-96.
19. Méheust D., Guiguen C., Gangneux J.P., Le Cann P. (2013). Comparative evaluation of impactor air samplers and of culture conditions for quantification of fungal contamination. *Journal of Occupational & Environmental Hygiene*. Aug 10 (8):455-9.
20. 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.
21. Cadiere, A., Couturaud, B., Boismard, J., Le Cann, P., Gérard, A., Mas, A., Faye, C., Garrelly, L., Roig, B., (2013) Assessment of poly-L-Lysine dendrigrafts for virus concentration in water: use of MS2 bacteriophage as proof of concept. *Journal of Applied Microbiology*, 2013 Jul;115(1):290-7.
22. Giusti A., Barsi A., Dugue M., Collinet M., Thome JP., Joaquim-Justo C., Roig B., Lagadic L, Ducrot V., (2013) Reproductive impacts of tributyltin (TBT) and triphenyltin (TPT) in the hermaphroditic freshwater gastropod *Lymnaea stagnalis*. *Environmental Toxicology and Chemistry*, 32, 7, 1552–1560.
23. Roig B., Mnif W., Ibn Hadj Hassine A., Zidi I., Bayle S., Bartegi A., Thomas O. (2013): Endocrine disrupting chemicals and Human health risk assessment: A critical review, *Critical Reviews in Environmental Science and Technology*, 43(21), 2297-2351 DOI:10.1080/10643389.2012.672076.
24. 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.
25. Méheust D., Le Cann P., Reponen T., Wakefield J., Vesper S., Gangneux J.-P. (2013) Possible application of the Environmental Relative Moldiness Index in France: A pilot study in Brittany. *International Journal of Hygiene and Environmental Health* 216:333-40.
26. Méheust D., Le Cann P., Gangneux J.-P. (2013). Rapid quantification of viable fungi in hospital environments: analysis of air and surface samples using solid-phase cytometry. *Journal of Hospital Infection*, 83, 122-126.
27. Baurès E., Delpla I., Merel S., Thomas MF., Jung AV., Thomas O., (2013) Variation of organic carbon and nitrate with river flow within an oceanic regime in a rural area and potential impacts for drinking water production, *Journal of Hydrology*, 477, 86–93.
28. Brogat M., Cadière A., Sellier A., Thomas O., Baures E., Roig B., (2013), MSPE/UV for field detection of micropollutants in water, *Microchemical Journal*, 108, 215-223.
29. Méheust D., Le Cann P., Gangneux J.P., (2012) Quantification rapide des champignons viables dans les environnements hospitaliers : analyse d'échantillons d'air et de surface par cytométrie en phase solide. *Journal de Mycologie Médicale*, 22:282.
30. Méheust D., Le Cann P., Reponen T., Wakefield J., Vesper S., Gangneux J.P., (2012), Possible application of the environmental relative moldiness index (ERMI) in Brittany, France. *Journal de Mycologie Médicale*, 22:272.
31. Piel S., Baurès E., Thomas O., (2012), Contribution to surface water contamination understanding by pesticides and pharmaceuticals at a watershed scale, *International Journal of Environmental Research and Public Health*, 9, 4433-4451.
32. Piel S., Blondeau S., Pérot J., Baurès E., Thomas O., (2012), Pharmaceuticals Removal by Activated Carbon Process, accepté dans *Water Quality Research Journal of Canada* doi: 10.2166/wqrjc.2012.138.
33. Cordier, S., Garlandezec, R., Labat, L., Rouget, F., Monfort, C., Bonvallot, N., Roig, B., Pulkkinen, J., Chevrier, C., Multigner, L. (2012), Exposure during pregnancy to glycol ethers and chlorinated solvents and the risk of congenital malformations, *Epidemiology* 23(6), 806-812.
34. Roig, B., Brogat, M., Mompelat, S., Leveque, J., Cadiere, A., & Thomas, O. (2012). Inter-laboratory exercise on antibiotic drugs analysis in aqueous samples. *Talanta*, 98, 157-165.
35. Méheust D., Gangneux J.-P, Reponen T., Wymer L., Vesper S., Le Cann P. (2012) Correlation between Environmental Relative Moldiness Index (ERMI) values in French dwellings and other measures of fungal contamination. *Science of the Total Environment*, 438, 319-324.

36. 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.
37. Piel S., Baurès E., Masclet S., Perot J. and Thomas O. (2012), Towards a new drinking water resource classification approach at river basin scale. *Water Science and Technology: water supply* 12 (6), 727-736.
38. Gaume B., Bourgougnon 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.
39. Hermet A., Méheust D., Mounier J., Barbier G., Jany J.-L. (2012). Molecular systematics in the genus *Mucor* with special regards to species encountered in cheese. *Fungal Biology* 116(6), 692-705.
40. Glorennec P., Lucas JP., 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.
41. 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.
42. Below H., Partecke I., Huebner N.O., Bieber N., Nicolai T., Usche A., Assadian O., Below E., Kampf G., Parzefall W., Heidecke C.D., Zuba D., Bessonneau V., Kohlmann T., Kramer A. (2012). Dermal and pulmonary absorption of propan-1-ol and propan-2-ol from hand rubs, *AJIC*, 40, 250-257.
43. Bessonneau V., Thomas O. (2012). Assessment of exposure to alcohol vapor from alcohol-based hand rubs. *Int. J. Environ. Res. Public Health*, 9(3), 868-879.
44. Cadière A., Aguera E., Caillé S., Ortiz-Julien A., Dequin S. (2012) Pilot-scale evaluation the enological traits of a novel, aromatic wine yeast strain obtained by adaptive evolution., *Food Microbiology*, 32 (2) , pp. 332-337.
45. 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.
46. Mnif W., Zidi I., Hassine A.I.H., Gomez E., Bartegi A., Roig B., Balaguer P. (2012). Monitoring endocrine disrupter compounds in the Tunisian Hamdoun River using in vitro bioassays. *Soil and Sediment Contamination An International Journal*, 21(7), 815-830.
47. 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.
48. Touraud E., Roig B., Sumpter J.P., Coetsier C. (2011). Drug residues and endocrine disruptors in drinking water : risk for human ? *International Journal of Hygiene and Environmental Health*, 214 (6), pp. 437-441.
49. Sobral D., Le Cann P., Gérard A., Jarraud S., Lebeau B., Loisy-Hamon F., Vergnaud G., Pourcel C., (2011) High throughput typing method identifies a non-outbreak-involved strain of *Legionella pneumophila* colonizing the entire water supply system in the town of Rennes, France. *Applied and Environmental Microbiology*, 77: 6899-6907.
50. 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.
51. 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.
52. Beaudeau P., Pascal M., Mouly D., Galey C., Thomas O. (2011). Health risks associated with drinking water in a context of climate change in France: a review of surveillance requirements, *Journal of Water and Climate Change*, Vol 2 No 4 pp 230–246.
53. Bessonneau V., Derbez M., Clément M., Thomas O., (2011). Determinants of chlorination by-products in indoor swimming pools, *Int. J. Hyg. Environ. Health*, 215, 76-85.

54. 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.
55. Roig B, Delpla I., Baurès E., Jung A.V., Thomas O., (2011) Analytical issues for drinking water contamination monitoring related to short term intense rainy events, *Trends in Analytical Chemistry*, 30,8,1243-1251.
56. 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
57. Mercier F., Glorennec P., Thomas O., Le Bot B. (2011) Organic contamination of settled house dust, a review for exposure assessment purposes. *Environ Sci Technol.* Aug 15;45(16):6716-6727
58. Mnif, W., Hassine, A.I.H., Bouaziz, A., Bartegi, A., Thomas, O., Roig, B. (2011) Effect of Endocrine Disruptor Pesticides: A Review. *Int. J. Environ. Res. Public Health*, 8, 2265-2303
59. Delpla I., Baures E., Jung A.-V., Thomas O., (2011) Impacts of rainfall events on runoff water quality in an agricultural environment in temperate areas. *Science of the Total Environment*, 409 (9), 1683-1688.
60. 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.
61. 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.
62. 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.
63. Le Bot B., Arcelin C., Briand E., Glorennec P. (2011) Sequential digestion for measuring total and leachable lead in a single sample of dust or paint chips. *Journal of Environmental Science and health, Part A.* Jan;46 (1):63-69.
64. Delpla I., Baurès E., Jung A. V., Clément M. and Thomas O., (2011) Issues of drinking water quality of small scale water services towards climate change, *Water Science and Technology*, vol. 63, n. 2, 227-232.
65. 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).
66. Bonvallot 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.
67. Ibanez Y., Le Bot B., Glorennec P.(2010) House dust metal content and bioaccessibility: a review, *European journal of mineralogy*, 22, 629-637
68. Mouly D., Joulin E., Rosin C., Beaudeau P., Zeghnoun A., Olszewski-Ortar A., Munoz JF, Welte B., Joyeux M., Seux R., Montiel A., Rodriguez M.J. (2010) Variations in trihalomethane levels in three French water distribution systems and the development of a predictive model. *Water Research* 44, 18, 5168-5179.
69. Bessonneau V., Clément M., Thomas O., (2010), Can intensive use of Alcohol-Based Hand Rubs lead to passive alcoholization? *Int. J. Environ. Res. Public Health*, 7, 3038-3050.
70. Merel S., Clément M., Thomas O., (2010), Characterisation of cylindrospermopsin chlorination. *Science of the Total Environment* 408 (16), pp. 3433-3442.
71. Passerat J., Tamtam F., Le Bot B., Eurin J., Chevreuil M., Servais P., (2010), Rejets hospitaliers d'antibiotiques et de bactéries fécales antibiorésistantes dans les rivières du bassin de la Seine, *European Journal of Water Quality* 41, 1-13.
72. Glorennec P., Peyr., Poupon J., Oulhote Y., Le Bot B., (2010), Identifying sources of lead exposure for children, with lead concentrations and isotopes ratios, *Journal of Occupational & Environmental Hygiene*, 7: 253-260
73. Merel S., Clement M., Thomas O., (2010), State of the art on cyanotoxins in water and their behaviour towards chlorine, *Toxicon*, 55, 4: 677-691.

74. Beaudeau P., Valdes D., Mouly D., Stempfelet M., Seux R., (2009) Natural and technical factors of faecal contamination incidents of drinking water in small distribution networks, France, 2003-2004 : a geographical study. *J. Water Health*, 8, 1:20-34.
75. Mompelat S., Le Bot B., Thomas O. (2009), Occurrence and fate of pharmaceutical products and by-products, from resource to drinking water, *Environment International*, 35, 5: 803-814
76. Merel S., Le Bot B., Clement M., Seux R., Thomas O., (2009), Ms identification of microcystin-LR chlorination by-products, *Chemosphere*, 74, 6: 832-839
77. Delpla I., Jung AV., Baures E., Clement M., Thomas O., (2009), Impact of climate change on surface water quality in relation to drinking water production, *Environment International*, 35, 8: 1225-1233
78. Tamtam F., Mercier F., Eurin J., Chevreuil M., Le Bot B., (2009), Ultra performance liquid chromatography tandem mass spectrometry performance evaluation for analysis of antibiotics in natural waters, *Analytical and Bioanalytical Chemistry*, 393, 6-7: 1709-1718
79. Thiriat N., Paulus H., Le Bot B., Glorennec, (2009), P. Exposure to inhaled THM: Comparison of continuous and event-specific exposure assessment for epidemiologic purposes, *Environment International*, 35, 7: 1086
80. Ergaieg K., Seux R. (2009) A comparative study of the photoinactivation of bacteria by meso-substituted cationic porphyrin, rose Bengal and methylene blue. *Desalination* 248: 32-41.
81. Tamtam F., Le Bot B., Eurin J., Mercier F., Desportes A., Chevreuil M., (2009), Surface water contamination by antibiotic residues in rural area, *European Journal of water quality*, 40, 2: 175-186.
82. Roig B., Greenwood R., Barcelo D. (2009) An International Conference on "Pharmaceuticals in the Environment" in a frame of EU Knappe project, *Environment International*, 35, 5, 763-765.
83. Mills G., Greenwood R., Roig B. (2009) Workshop Report - KNAPPE (European Union Sixth Framework Project) final meeting, *Journal of Environmental Monitoring*, 2009, 11, 21-22
84. Coestier C., Spinelli S., Lin L., Roig B.; Touraud E. (2009) Discharge of pharmaceutical products (PPs) through a conventional biological sewage treatment plant: MECs vs PECs?, *Environment International*, 35, 787-792.