



Environmental Chemistry Laboratory, DTSC
STAFF PUBLICATIONS

1985 – Present

Revised 03/2021

For a complete list of publications, please visit:

<https://dtsc.ca.gov/environmental-chemistry-lab/seminars-and-publications/>

1. Mehta SS, James-Todd T, Applebaum KM, Bellavia A, Coleman-Phox K, Adler N, Laraia B, Epel E, Parry P, Wang M, Park J-S, Zota A. Persistent organic pollutants and maternal glycemic outcomes in a diverse pregnancy cohort of overweight women. *Environmental Research* 193:110551 (February 2021)
2. Eick S, Enright E, Geiger S, Dzwilewski K, DeMicco E, Smith S, Park J-S, Aguiar A, Woodruff T, Morello-Frosch R, Schantz S (2021) Associations of maternal stress, prenatal exposure to per- and polyfluoroalkyl substances (PFAS), and demographic risk factors with birth outcomes and offspring neurodevelopment: An overview of the ECHO.CA.IL prospective birth cohorts. *International Journal of Environmental Research and Public Health* 18: 742 (January 2021)
3. Hall SM, Patton S, Petreas M, Zhang S, Phillips AL, Hoffman K, Stapleton HM (2020) Per- and Polyfluoroalkyl Substances in Dust Collected from Residential Homes and Fire Stations in North America *Environ Sci Technol* 54(22):14558-14567. (November 2020)
4. Eick SM, Hom EKT, Izano MA, Cushing LJ, Wang Y, Smith SC, Gao S, Park J-S, Padula AM, DeMicco E, Valeri L, Woodruff TJ, Morello-Frosch R. (2020) Associations between prenatal maternal exposure to per- and polyfluoroalkyl substances (PFAS) and polybrominated diphenyl ethers (PBDEs) and birth outcomes among pregnant women in San Francisco. *Environmental Health* 19(1):100. (September 2020)
5. Sánchez-Soberón F, Sutton R, Sedlak M, Yee D, Schuhmacher M, Park J-S. (2020) Multi-box mass balance model of PFOA and PFOS in different regions of San Francisco Bay. *Chemosphere*. 252:126454. (August 2020)
6. Gill R, Hurley S, Brown FR, Tarrant DH, Dhaliwal J, Sarala R, Park J-S, Patton, S, Petreas M. (2020) Polybrominated Diphenyl Ether and Organophosphate Flame Retardants in Canadian Fire Station Dust. *Chemosphere*. 253:126669. (August 2020)
7. Varshavsky J, Sen S, Robinson JF, Park J-S, Smith SC, Frankenfield J, Morello-Frosch R, Fisher SJ, Woodruff TJ. (2020) Racial/Ethnic and Geographic Differences in Polybrominated Diphenyl Ether (PBDE) Levels across Maternal, Placental, and Fetal Tissues during Mid-gestation. *Nature-Scientific Report*. 10(1):12247. (July 2020)
8. Varshavsky J, Robinson JF, Zhou Y, Puckett KA, Kwan E, Buarpong S, Aburajab R, Gaw S, Sen S, Smith SC, Park J-S, Fisher SJ, Woodruff TJ. (2020) Association of Polybrominated Diphenyl Ether (PBDE) levels with biomarkers of placental development and disease during mid-gestation. *Environmental Health*. 19(1):61. (June 2020)
9. Panagopoulos AD, Park J-S, Sirota M, Woodruff T. (2020) Using machine learning to predict concentrations of non-targeted chemicals without analytical standards. *Journal of Chemical Information and Modeling*. 60(6):2718-2727. (June 2020)

10. Sánchez-Soberón F, Sutton R, Sedlak M, Yee D, Schuhmacher M, Park J-S. (2020) Multi-box mass balance model of PFOA and PFOS in different regions of San Francisco Bay. *Chemosphere*. 252:126454. (August 2020)
11. Gill R, Hurley S, Brown FR, Tarrant DH, Dhaliwal J, Sarala R, Park J-S, Patton, S, Petreas M. (2020) Polybrominated Diphenyl Ether and Organophosphate Flame Retardants in Canadian Fire Station Dust. *Chemosphere*. 253:126669. (August 2020)
12. Varshavsky J, Sen S, Robinson JF, Park J-S, Smith SC, Frankenfield J, Morello-Frosch R, Fisher SJ, Tracey J, Woodruff TJ. (2020) Racial/Ethnic and Geographic Differences in Polybrominated Diphenyl Ether (PBDE) Levels across Maternal, Placental, and Fetal Tissues during Mid-gestation. *Nature-Scientific Report*. 10(1):12247. (July 2020)
13. Varshavsky J, Robinson JF, Zhou Y, Puckett KA, Kwan E, Buarpong S, Aburajab R, Gaw S, Sen S, Smith SC, Park J-S, Fisher SJ, Woodruff TJ. (2020) Association of Polybrominated Diphenyl Ether (PBDE) levels with biomarkers of placental development and disease during mid-gestation. *Environmental Health*. 19(1):61. (June 2020)
14. Panagopoulos AD, Park J-S, Sirota M, Woodruff T. (2020) Using machine learning to predict concentrations of non-targeted chemicals without analytical standards. *Journal of Chemical Information and Modeling*. 60(6):2718-2727. (June 2020)
15. Varshavsky J, Morello-Frosch R, Harwani S, Snider M, Petropoulou SSE, Park J-S, Petreas M, Reynolds P, Nguyen T, Quach T. (2020) A pilot biomonitoring study of cumulative phthalates exposure among Vietnamese American nail salon workers. *International Journal of Environmental Research and Public Health*. 17(1):325. (January 2020)
16. Thomaidi VS, Tsahouridou A, Matsoukas C, Stasinakis AS, Petreas M, Kalantzi, OI. (2020) Risk assessment of PFASs in drinking water using a probabilistic risk quotient methodology. *Science of the Total Environment* 712: 136485 (January 2020)
17. Mehta SS, Applebaum KM., James-Todd T, Coleman-Phox K, Adler N, Laraia B, Epel E, Park J-S, Parry E, Zota AR. (2020) Determinants of persistent organohalogen chemical concentrations in a diverse, overweight population of pregnant women. *Journal of Exposure Science and Environmental Epidemiology*. 30(1):42-55. (January 2020)
18. Lee E-J, Kinninger A, Tseng C, Deapen D, Ursin G, Hurley S, Reynolds P, Wang M, Wang Y, Park J-S, Petreas M. (2020) Serum levels of commonly detected persistent organic pollutants and per- and polyfluoroalkyl substances (PFASs) and mammographic density in postmenopausal women in the California Teachers Study. *International Journal of Environmental Research and Public Health*. 17(2):606. (January 2020)
19. Thomaidi VS, Tsahouridou A, Matsoukas C, Stasinakis AS, Petreas M, Kalantzi, OI. (2020) Risk assessment of PFASs in drinking water using a probabilistic risk quotient methodology. *Science of the Total Environment* 712: 136485 (January 2020)
20. Kanaya N, Bernal L, Chang G, Yamamoto T, Nguyen D, Wang Y-Z, Park J-S, Warden C; Wang J, Wu X, Rakoff M, Neuhausen S, Chen S. (2019) Characterization of estrogen- and the endocrine-disrupting chemical-induced mouse mammary gland reorganization via single-cell RNA-sequencing. *Nature-Commun Biol*: 2:406. (November 2019)
21. Cohn B, Zimmermann L, La Merrill M, Hovey R, Johnson E, Yeh G, Krigbaum N, Wang M, Park J-S, Cirillo P, Petreas M. (2019) In Utero Exposure to Poly and Perfluoroalkyl Substances (PFASs) and Subsequent Breast Cancer. *Reproductive Toxicology*. pii: S0890-6238(18)30486-6 (July 2019)

22. Hurley S, Goldberg D, Park J-S, Petreas M, Bernstein L; Anton-Culver H; Susan L. Neuhausen SL, Nelson DO, Reynolds P (2019) A breast cancer case-control study of polybrominated diphenyl ether (PBDE) serum levels among California women. *Cancer Causes & Control. Environment International.* 127:412-419 (June 2019)
23. Kanaya N, Bernal L, Chang G, Yamamoto T, Nguyen D, Wang Y-Z, Park J-S, Warden C; Wang J, Wu X, Rakoff M, Neuhausen S, Chen S. (2019) Molecular Mechanisms of Polybrominated Diphenyl Ethers (BDE-47, -100 and -153) in Human Breast Cancer Cells and Patient-Derived Xenografts. *Toxicological Science.* 169(2):380-398 (June 2019)
24. Robinson J, Kapidzic M, Hamilton E, Chen H, Puckett K, Zhou Y, Ona K, Parry E, Wang Y, Park J-S, Costello J, Fisher S. (2019) Genomic Profiling of BDE-47 Effects on Human Placental Cytotrophoblasts. Under review. *Toxicological Science* 167: 211-216 (January 2019)
25. Hurley S, Goldberg D, Park JS, Petreas M, Bernstein L, Anton-Culver H, Neuhausen SL, Nelson DO, Reynolds P. A breast cancer case-control study of polybrominated diphenyl ether (PBDE) serum levels among California women. *Cancer Causes & Control. Environment International.* 127:412-419, 2019 (PMID: 29533840)
26. Kanaya N, Bernal L, Chang, G, Yamamoto, Takuro, Nguyen, Duc, Wang YZ, Park, JS, Warden,C, Wang, J, Wu, X, Rakoff,M, Neuhausen, S, Chen, S. Molecular Mechanisms of Polybrominated Diphenyl Ethers (BDE-47, -100 and -153) in Human Breast Cancer Cells and Patient-Derived Xenografts. *Toxicological Science.* 169(2):380-398, 2019 (PMID: 30796839)
27. Houtz E, Wang M, Park JS. Fate of AFFF-derived PFAS in a wastewater treatment plant. *Environmental Science & Technology* 52(22):13212-13221, 2018 (PMID: 30339382)
28. Zota AR, Geller R, Romano LE, Coleman-Phox K, Adler NE, Parry E, Park JS, Elmi AF, Laraia BA, Epel EE. Association between persistent endocrine-disrupting chemicals (PBDEs, OH-PBDEs, PCBs, and PFASs) and biomarkers of inflammation and cellular aging during pregnancy and postpartum. *Environmental International* 115: 9-20, 2018 (PMID: 29533840)
29. Hurley S, Goldberg D, Wang M, Park JS, Petreas M, Bernstein L, Anton-Culver H, Nelson DO, Reynolds P. Breast cancer risk and serum levels of per- and poly-fluoroalkyl substances: a case-control study nested in the California Teachers Study. *Environ Health* 17(1): 83, 2018 (PMID: 30482205)
30. Shen B, Whitehead T, Gill R, Dhaliwal J, Brown R, Petreas M, Patton S, Hammond K. Organophosphate flame retardants in dust collected from United States fire stations, *Environment International*, 2018, (112) 41-48 (PMID: 29247842)
31. Wang M, Guo W, Gardner S, Petreas M, Park JS. Per- and polyfluoroalkyl substances in Northern California cats: Temporal comparison and a possible link to cat hyperthyroidism. *Environ Toxicol Chem* 37(10): 2523-2529, 2018 (PMID: 30229994)
32. Parry E, Zota AR, Park JS, and Woodruff TJ. (2018) Polybrominated diphenyl ethers (PBDEs) and hydroxylated PBDE metabolites (OH-PBDEs): A six-year temporal trend in Northern California Pregnant Women. *Chemosphere.* 195:777-783. (March 2018)
33. Parry E, Zota AR, Park JS, and Woodruff TJ. (2018) Polybrominated diphenyl ethers (PBDEs) and hydroxylated PBDE metabolites (OH-PBDEs): A six-year temporal trend in Northern California Pregnant Women. *Chemosphere.* 195:777-783. (March 2018)

34. Hurley S, Goldberg D, Wang M, Park JS, Petreas M, Bernstein L, Anton-Culver H, Nelson DO, Reynolds P. Time Trends in Per- and Polyfluoroalkyl Substances (PFASs) in California Women: Declining Serum Levels, 2011-2015. *Environ Sci Technol* 52(1): 277-287, 2017. (PMID: 29198103)
35. Kezios K, Gu Y, Liu X, Cirillo P, Tarrant D, Petreas M, Park JS, Cohn B, Factor-Litvak P. Hydroxylated polychlorinated biphenyl metabolites (OH-PCBs), maternal smoking and size at birth. *Reprod Toxicol* 71:166-175, 2017 (PMID: 28314564)
36. Hurley S, Goldberg D, Nelson DO, Guo W, Wang Y, Baek HG, Park JS, Petreas M, Bernstein L, Anton-Culver H, Reynolds P. Temporal Evaluation of Polybrominated Diphenyl Ether (PBDE) Serum Levels in Middle-Aged and Older California Women, 2011-2015. *Environ Sci Technol*.51(8):4697-4704, 2017 (PMID: 28304169)
37. Hurley S, Houtz E, Goldberg D, Wang M, Park JS, Nelson D, Reynolds P, Bernstein L, Anton-Culver H, Horn-Ross P, Petreas M. Preliminary associations between the detection of perfluoroalkyl acids (PFAAs) in drinking water and serum concentrations in a sample of California women. *Environmental Science & Technology letters* 3 (7): 264-269, 2016 (PMID: N/A)
38. Green A, Graham J, Gonzalez E, La Frano M, Petropoulou SSE, Park JS, Newman J, Stanhope K, Havel P, La Merrill M. Perinatal triphenyl phosphate exposure accelerates type 2 diabetes onset and increases adipose accumulation in UCD-type 2 diabetes mellitus rats, *Reprod Toxicol*, Corrected Proof, In Press, 2016 (PMID: 27421578)
39. Morello-Frosch R, Cushing L, Jesdale B, Schwartz J, Guo W, Guo T, Wang M, Harwani S, Petropoulou SSE, Duong W, Park JS, Petreas M, Gajek R, Alvaran J, She J, Dobraca D, Das R, Woodruff T. Environmental Chemicals in an Urban Population of Pregnant Women and Their Newborns from San Francisco, *Environ Sci Technol*, 50 (22): 12464-12472, 2016. (PMID: 27700069)
40. Guo W, Huen K, Park J-S, Petreas M, Crispo-Smith S, Block G, Holland N. Vitamin C intervention may lower the levels of persistent organic pollutants in blood of healthy women – A pilot study, *Food Chem Toxicol*, 92: 197 – 204, 2016 (PMID: 2709010)
41. Houtz E, Sutton R, Park JS, Sedlak M, Poly- and perfluoroalkyl substances in wastewater: Significance of unknown precursors, manufacturing shifts, and likely AFFF impacts, *Water Res*, 95: 142 -149, 2016 (PMID: 26990839)
42. Liu R, Nelson DO, Hurley S, Petreas M, Park JS, Wang Y, Guo E, Bernstein L, Hertz A, Reynolds P. Association between serum polybrominated diphenyl ether levels and residential proximity to solid-waste facilities, *Environ Sci Technol*, 50 (7): 3945-3953, 2016. (PMID:26906616)
43. Petreas M, Gill R, Takaku-Pugh S, Lytle E, Parry E, Wang M, Quinn J, Park J-S. Rapid methodology to screen flame retardants in upholstered furniture for compliance with new California labeling law (SB 1019). *Chemosphere*, 152: 353-359, 2016 (PMID: 26991383)
44. Guo W, Garner S, Yen S, Petreas M, Park JS. Temporal changes of PBDE Levels in California house cats and a link to cat hyperthyroidism. *Environ Sci Technol*, 50 (3), 1510 – 1518, 2016. (PMID: 26699103)
45. Guo W, Holden A, Crispo-Smith S, Gephart R, Petreas M, Park JS. PBDE Levels in Breast Milk Are Decreasing in California, *Chemosphere*, 150: 505 - 513, 2015. (PMID: 26693645)
46. Petropoulou SSE, Petreas M, Park JS. Analytical methodology using ion-pair liquid chromatography-tandem mass spectrometry for the determination of four di-ester metabolites of organophosphate flame retardants in California human urine. *J Chromatogr A*, 1434: 70 - 80, 2016. (PMID: 26818234)

47. Cohn BA., La Merrill M, Krigbaum NY, Yeh G, Park JS, Zimmermann L, Cirillo PM., DDT exposure in utero and breast cancer. *J Clin Endocrinol Metab*, 100 (8): 2865 - 2872, 2015. (PMID:26079774)
48. Kanaya N, Nguyen DM, Lu H, WangY-Z, Hsin L-Y, Petreas M, Nelson D, Guo W, Reynolds P, Synold T, Chen S, AroER tri-screen™ is a novel functional assay to estimate both estrogenic and estrogen precursor activity of chemicals or biological specimens. *Breast Cancer Res Treat*, 151 (2): 335 - 345, 2015. (PMID: 25962693)
49. Shen B, Whitehead TP, McNeel S, Brown FR, Dhaliwal J, Das R, Israel L, Park JS, Petreas M., High levels of polybrominated diphenyl ethers in vacuum cleaner dust from California fire stations. *Environ Sci Technol*, 49 (8): 4988-4994, 2015. (PMID: 25798547)
50. Park JS, Voss RW, McNeel S, Wu N, Guo T, Wang Y, Israel L, Das R, Petreas M. High exposure of California firefighters to polybrominated diphenyl ethers. *Environ Sci Technol*, 49 (5): 2948 - 2958, 2015. (PMID:25643236)
51. Dobraca D, Israel L, McNeel S, Voss R, Wang M, Gajek R, Park J, Harwani S, Barley F, She J, Das R. Biomonitoring in California Firefighters: Metals and Perfluorinated Chemicals. *J Occup Environ Med*, 57 (1): 88 - 97, 2015. (PMID: 25563545)
52. Whitehead TP, Crispo-Smith S, Park JS, Petreas M, Rappaport S, Metayer C. Concentrations of persistent organic pollutants in California women's serum and residential dust. *Environ Res*, 136: 57 - 66, 2015. (PMID: 25460621)
53. Brown FR, Whitehead TP, Park J, Metayer C, Petreas, M. Levels of non-polybrominated diphenyl ether brominated flame retardants in residential house dust samples and fire station dust samples in California. *Environ Res*, 135: 9 - 14, 2014. (PMID: 25261858)
54. Guo W, Nelson D, Hurley S, Reynolds P, Guo T, Wang W, Park JS, Petreas M. Pilot study to assess effects of collection tube types and processing delay on measurements of persistent organic pollutants and lipids in human serum. *Chemosphere*, 116: 75 - 82, 2014. (PMID: 24792582)
55. Petropoulou SSE, Duong W, Petreas M, Park JS. Fast liquid chromatographic–tandem mass spectrometric method using mixed-mode phase chromatography and solid phase extraction for the determination of 12 mono-hydroxylated brominated diphenyl ethers in human serum. *J Chromatogr A*, 1356: 138 - 147, 2014. (PMID: 25001336)
56. Whitehead TP, Brown FR, Metayer C, Park JS, Does M, Dhaliwal J, Petreas M, Buffler PA, Rappaport SM. Polychlorinated biphenyls in residential dust: Sources of variability. *Environ Sci Technol*, 48 (1): 157 - 164, 2014. (PMID: 24313682)
57. Whitehead TP, Metayer C, Park JS, Does M, Buffler PA, Rappaport SM. Levels of nicotine in dust from homes of smokeless tobacco users. *Nicotine Tob Res*, 15 (12): 2045 - 2052, 2013. (PMID: 23884321)
58. Zota A, Linderholm L, Park JS, Petreas M, Guo T, Privalsky ML, Zoeller RT, Woodruff TJ. A temporal comparison of PBDEs, PCBs, OH-PBDEs, and OH-PCBs in serum from second trimester pregnant women recruited from San Francisco General Hospital, California. *Environ Sci Technol*, 47 (20): 11776 - 11784, 2013. (PMID: 24066858)
59. Gassel M, Harwani S, Park JS, Jahn A. Detection of nonylphenol and persistent organic pollutants in fish from the North Pacific Central Gyre. *Mar Pollut Bull*, 73 (1): 231 - 242, 2013. (PMID: 23746941)

60. Whitehead T.P., Metayer, C, Petreas M., Does, M, Buffler P.A., Rappaport S.M. Polycyclic aromatic hydrocarbons in residential dust: sources of variability. *Environ Health Perspect*, 121 (5): 543 - 550, 2013. (PMID: 23461863)
61. Chen A, Park JS, Linderholm L, Rhee A, Petreas M, DeFranco E, Dietrich K, Ho S-M. Hydroxylated Polybrominated Diphenyl Ethers in Paired Maternal and Cord Sera. *Environ Sci Technol*, 47 (9): 3902 -3908, 2013. (PMID: 23506475)
62. Kezios KL, Liu X, Cirillio PM, Cohn BA, Kalantzi OI, Wang Y, Petreas M, Park JS, Factor-Litvak P. Dichlorodiphenyltrichloroethane (DDT), DDT Metabolites and Pregnancy Outcomes. *Reprod Toxicol*, 35, 156 - 164, 2013. (PMID: 23142753)
63. Whitehead T, Brown FR, Metayer C, Park JS, Does M, Petreas M,, Buffler PA, Rappaport SM. Polybrominated diphenyl ethers in residential dust: Sources of variability. *Environ Int*, 57 - 58: 11 - 24, 2013. (PMID: 23628589)
64. Guo T, LaBelle B, Petreas M, Park J. Mass spectrometric characterization of halogenated flame retardants. *Rapid Commun Mass Spectrom*, 27 (13): 1437 - 1449, 2013. (PMID: 23722678)
65. Bergman A, Rydén A, Law RJ, de Boer J, Covaci A, Alaee M, Birnbaum L, Petreas M, Rose M, Sakai S, van den Eede N, van der Veen I. A novel abbreviation standard for organobromine, organochlorine and organophosphorus flame retardants and some characteristics of the chemicals. *Environ Int*, 49: 57 - 82, 2012. (PMID: 22982223)
66. Kezios K, Liu X, Cirillio P, Kalantzi O, Wang Y, Petreas M, Park JS, Bradwin G, Cohn B, Factor-Litvak P. Prenatal polychlorinated biphenyl exposure is associated with decreased gestational length but not birth weight in a prospective cohort study. *Environ Health*, 11: 1-13, 2012. (PMID: 22817616)
67. Gao J, Hedman C, Liu C, Guo T, Pedersen JA. Transformation of sulfamethazine by manganese oxide in aqueous solution. *Environ Sci Technol*, 46 (5): 2642 - 2651, 2012. (PMID: 22243052)
68. Guo W, Park JS, Wang Y, Gardner S, Baek C, Petreas M, Hooper K. High PBDE levels in California house cats: Is house dust a primary source? *Environ Toxicol Chem*, 31 (2): 301 - 306, 2012. (PMID: 22105974)
69. Wang M, Park JS, Guo W, Petreas M. Perfluorinated compounds in contemporary California cat and human serum. Organohalogen Compounds. *Proceedings of the 31st International Symposium on Halogenated Persistent Organic Pollutants*, Brussels. 79, 219- 221, 2011. (PMID: NA, DOI: NA)
70. Tarrant DH, Rhee A, Harwani S, Factor-Litvak P, Cohn BA, Cirillo PM, Petreas M, Park JS. Determination and Characterization of Hydroxylated PCB Metabolites (OH-PCBs) in Archived Serum from 1959 – 1967 California Women: A Follow-Up Study. Organohalogen Compounds. *Proceedings of the 31st International Symposium on Halogenated Persistent Organic Pollutants*, Brussels. 73, 1203 – 1206, 2011. (PMID: NA, DOI: NA)
71. Whitehead T, Brown FR, Park JS, Metayer C, Does M, Rappaport SR, Buffler PA, Petreas MX. Temporal trends in PBDE concentrations in residential dust. Organohalogen Compounds. *Proceedings of the 31st International Symposium on Halogenated Persistent Organic Pollutants*, Brussels. 73, 1128 – 1131, 2011. (PMID: NA, DOI: NA)
72. Park JS, Chen D, Holden A, Hooper K. Levels and isomer distributions of hexabromocyclodecane and dechlorane plus in eggs from California peregrine falcons (*Falco peregrinus*). Organohalogen Compounds. *Proceedings of the 31st International Symposium on Halogenated Persistent Organic Pollutants*, Brussels. 73, 131- 1312, 2011. (PMID: NA, DOI: NA)

73. Hurley S, Reynolds P, Goldberg D, Nelson D, Jeffrey SS, Petreas M. Adipose levels of polybrominated diphenyl ethers and risk of breast cancer. *Breast Cancer Res Treat*, 129 (2): 505 - 511, 2011. (PMID: 21468638)
74. Harwani S, Henry RW, Rhee A, Patel P, Petreas M, Park JS. Legacy and Contemporary Persistent Organix Pollutants in North Pacific Albatross. *Environ Toxicol Chem*, 30 (11): 2562 - 2569, 2011. (PMID: NA, [DOI:10.1002/etc.664](https://doi.org/10.1002/etc.664))
75. Park J-S, She J, Holden A, Sharp M, Gephart R, Souders-Mason G, Zhang V, Chow J, Leslie B, Hooper K. High postnatal exposures to polybrominated diphenyl ethers (PBDEs) and polychlorinated biphenyls (PCBs) via breast milk in California: Does BDE-209 transfer to breast milk? *Environ Sci Technol*, 45 (10): 4579 - 4585, 2011. (PMID: 21495631)
76. Zota AR, Park JS, Wang Y, Petreas M, Zoeller RT, Woodruff TJ. Polybrominated diphenyl ethers (PBDEs), hydroxylated PBDEs, and thyroid hormones in second trimester pregnant women in California. *Environ Sci Technol*, 45 (18): 7896 - 7905, 2011. (PMID: 21830753)
77. Zou W, Yasour H, Fischer AJ, Tolstikov, VV. Trace metabolic profiling and pathway analysis of clomazone using LC-MS-MS and High-Resolution MS. *LCGC North America*, 29 (9): 760 - 769, 2011. (PMID: NA, DOI: NA)
78. Wang M, Park JS, Petreas M. Temporal changes in the levels of perfluorinated compounds in California women serum over the past 50 Years. *Environ Sci Technol*, 45 (17): 7510 - 7516, 2011. (PMID: 21732675)
79. Cohn B, Cirillo P, Sholtz, Ferrara, Park JS, Schwingl P. 2011. Polychlorinated Biphenyl (PCB) exposure in mothers and time to pregnancy in daughters 30 years later. *Reprod Toxicol*, 31 (3): 290 - 296, 2011. (PMID: 21296657)
80. Park J-S, Fong A, Chu V, Linthicum J, Hooper K. Prey Species as Possible Sources of PBDE Exposures for Peregrine Falcons (*Falco peregrinus*) Nesting in Major California Cities. *Arch Environ Contam Toxicol*, 60 (3): 518 - 523, 2011. (PMID: 20514482)
81. Sholtz RI, McLaughlin KR, Cirillo PM, Petreas M, Park JS, Wolff MS, Factor-Litvak P, Eskenazi B, Krigbaum N, Cohn BA. Assaying organochlorines in archived serum for a large, long-term cohort: Implications of combining assay results from multiple laboratories over time. *Environ Int*, 37 (4): 709 - 714, 2011. (PMID: 21333355)
82. Petreas M, Nelson D, Brown F R, Goldberg D, Hurley S, Reynolds P. High concentrations of polybrominated diphenylethers (PBDEs) in breast adipose tissue of California women. *Environ Int*, 37 (1): 190 - 197, 2011. (PMID: 20951435)
83. Whitehead T, Holden A, Odion Z, Visita P, Brown F R, Metayer C, Rappaport S R, Buffler P A, Petreas M. A method for the determination of PBDEs, PCBs, pesticides and PAHs in dust. *Organohalogen Compounds*, 72, 2010. (PMID: NA, DOI: NA)
84. Wang Y, Park JS, Guo W, Zota A, Petreas M. Analysis of PBDEs, PCBs, organochlorine pesticides, and new BFR alternatives in California pregnant women by high-resolution mass spectrometry. *Organohalogen Compounds*, 72, 2010. (PMID: NA, DOI: NA)
85. Wang M, Park JS, Petreas M. Analysis of 12 PFCs (perfluorinated compounds) in human and cat serum using online SPE-HPLC-TIS-MS/MS. *Organohalogen Compounds*, 72, 2010. (PMID: NA, DOI: NA)

86. Petreas M, Park JS, Wang Y, Guo W, Brown FR, Wang M. Persistent organic pollutants in California women: A baseline for the California biomonitoring program. *Organohalogen Compounds*, 72, 2010. (PMID: NA, DOI: NA)
87. Park J-S, Harwani S, Henry R W, Rhee A, Petreas M. PBDE metabolites are higher than parent PBDEs in pelagic North Pacific Albatross: Natural occurrence? *Organohalogen Compounds*, 72, 2010. (PMID: NA, DOI: NA)
88. Park J-S, Guo W, Wang Y, Gardner S, Baek C, Hooper K, Petreas M. Sources of high 6-hydroxy BDE-47 levels in California cats: Metabolism or Diet? *Organohalogen Compounds*, 72, 2010. (PMID: NA, DOI: NA)
89. Guo W, Park JS, Wang Y, Gardner S, Baek C, Hooper K, Petreas M. High PBDE levels and unusual congener patterns in California house cats. *Organohalogen Compounds*, 72, 2010. (PMID: NA, DOI: NA)
90. Newsome SD, Park JS, Henry RW, Holden A, Chu V, Fogel ML, Linthicum J, Hooper K. Polybrominated diphenyl ether (PBDE) levels in peregrine falcon (*Falco peregrinus*) eggs from California correlate with diet and human population density. *Environ Sci Technol*, 44 (13): 5248 - 5255, 2010. (PMID: 20540532)
91. Park J-S, Holden A, Chu V, Kim M, Rhee A, Patel P, Shi Y, Linthicum J, Walton B J, Mckeown K, Jewell N P, Hooper K. Time-Trends and Congener Profiles of PBDEs and PCBs in California Peregrine Falcons (*Falco peregrinus*). *Environ Sci Technol*, 43 (23): 8744 - 8751, 2009. (PMID: 19943641)
92. Park J-S, Holden A, Chu V, Newsome SD, Henry RW, Wang M, Kim M, Rhee A, Patel P, Fong A, Linthicum J, Hooper K. Exposure of California Peregrine Falcon (*Falco peregrinus*) to new alternative Brominated Flame retardants, replacement of PBDEs. *Organohalogen Compounds*, 71: 820 - 823, 2009. (PMID: NA, DOI: NA)
93. Park J-S, Guo W, Rhee A, Harwani S, Wang Y, Baek H, Park JS, Wang M, Cohn BA, Cirillo PM, Factor-Litvak P, Petreas M. Measurement of triclosan and pentachlorophenol in serum from the historic cohort of California women (1960s, 1980s, 2000s). *Organohalogen Compounds*, 71: 999 - 1002, 2009. (PMID: NA, DOI: NA)
94. Harwani S, Park JS, Henry RW, Rhee A, Patel P, Petreas M, Hooper K. High PCB and low PBDE exposure in Pelagic North Pacific Albatrosses. *Organohalogen Compounds*, 71: 1458 - 1461, 2009. (PMID: NA, DOI: NA)
95. Park HY, Park JS, Sovcikova, E, Kocan A, Trnovec T, Hertz-Picciotto I. Exposure to hydroxylated PCBs in the prenatal period and subsequent neurodevelopment in eastern Slovakia. *Environ Health Perspect*, 117 (10): 1600 - 1606, 2009. (PMID: 20019912)
96. Holden A, Park JS, Chu V, Kim M, Choi G, Shi Y, Chin T, Chun, C, Linthicum J, Walton B, Hooper K. Unusual Hepta- and Octabrominated Diphenylethers and Nonabrominated diphenylether profile in California, USA, peregrine falcons (*Falco peregrinus*): More evidence for BDE-209 debromination. *Environ Toxicol Chem*, 28 (9): 1906 - 1911, 2009. (PMID: NA, [DOI: 10.1897/08-594.1](https://doi.org/10.1897/08-594.1))
97. Ting KC, Gill M, Garbin O. GC/MS Screening Method for Phthalate Esters in Children's Toys. *J AOAC Int*, 92 (3): 951 - 958, 2009. (PMID: 19610390)

98. Park, JS, Kalantzi, O, Kopec, D, Petreas M. Polychlorinated biphenyls (PCBs) and their hydroxylated metabolites (OH-PCBs) in harbor seal (*Phoca vitulina*) livers from San Francisco Bay and Gulf of Maine. *Mar Environ Res*, 67 (3): 129 - 135, 2009. (PMID: 19150735)
99. Park JS, Petreas M, Cohn BA, Cirillo PM, Factor-Litvak P. Hydroxylated PCB Metabolites (OH-PCBs) in Archived Serum from 1950-60's California Mothers. *Environ Int*, 35 (6): 937 - 942, 2009. (PMID: 19439357)
100. Petreas M and Oros D. PBDEs in California Wastestreams. *Chemosphere*, 74 (7): 996 - 1001, 2009. (PMID: 19027926)
101. Kalantzi O, Brown FR, Caleffi M, Goth-Goldstein R, Petreas M. Polybrominated diphenyl ethers and polychlorinated biphenyls in human breast adipose tissue samples from Brazil. *Environ Int*, 35 (1): 113 - 117, 2009. (PMID: 18952285)
102. Holden A, Park, JS, Chin T, Choi G, Chu V, Kim M, Patel P, Rhee A, Shi Y, Linthicum J, Walton, Hooper K. B. Congener Patterns of Higher Brominated PBDEs in Biotic and Abiotic Matrices: Evidence for BDE-209 Debromination. *Organohalogen Compounds*, 70, 1036 - 1039, 2008. (PMID: NA, DOI: NA)
103. Park JS, Holden A, Wang Y, Chang J, Heckly S, McKeown K, Jewell N, Hooper K. Metabolic Fate of Polybrominated Diphenyl Ethers (PBDEs) in California Kestrel Blood. *Organohalogen Compounds*, 70, 1566 - 1569, 2008. (PMID: NA, DOI: NA)
104. Park JS, Holden A, Wang Y, Chang J, Heckly S, McKeown K, Jewell N, Hooper K. Hydroxylated Metabolites of Polychlorinated Biphenyls (PCBs) in California Wild Birds. *Organohalogen Compounds*, 70, 157 - 160, 2008. (PMID: NA, DOI: NA)
105. Petreas, M, Brown FR, Goldberg D, Hurley S, Nelson D, Reynolds P. PBDEs and PCBs in breast adipose tissue of California women. *Organohalogen Compounds*, 70 1888 - 1891, 2008. (PMID: 20951435)
106. Park JS, Bergman Å, Linderholm L, Hertz-Picciotto I, et al. Placental Transfer of Polychlorinated Biphenyls and Halogenated Phenolic Compounds (OH-PCBs, PCP) in a Birth Cohort in Eastern Slovakia. *Chemosphere*, 70 (9): 1676 - 1684, 2008. (PMID: 17764717)
107. She J, Holden A, Adelsbach TL, Tanner M, Schwarzbach SE, Yee JL, Hooper K. Concentrations and Time Trends of Polybrominated Diphenyl Ethers (PBDEs) and Polychlorinated biphenyls (PCBs) in Aquatic Bird Eggs from San Francisco Bay, CA 2000-2003. *Chemosphere*, 73 (Suppl 1): 201 - 209, 2008. (PMID: 18466953)
108. Linderholm L, Park JS, Bergman Å, Hertz-Picciotto I, et al. Maternal and cord serum exposure to PCB and DDE methyl sulfone metabolites in eastern Slovakia. *Chemosphere*, 69 (3): 403 - 410, 2007. (PMID: 17574648)
109. Linderholm L, Park JS, Bergman Å, Hertz-Picciotto I, et al. Human exposure to PCB and PCB metabolites in a hot-spot area in eastern Slovakia. *Organohalogen Compounds*, 69: 750-753, 2007. (PMID: NA, DOI: NA)
110. Hooper K, Holden A, Chun C, Linthicum J, Walton, BJ. "Terrestrial" vs. "Aquatic" Food Webs: High BDE-209 Levels in Peregrine Falcon Eggs from California. *Organohalogen Compounds*, 69: 2713 - 2718, 2007. (PMID: NA, DOI: NA)

111. Park, JS, Kalanzi, O., Kopec, D., M. Petreas. Hepatic retention of polychlorinated biphenyls (PCBs) and their hydroxylated metabolites (OH-PCBs) in harbor seals (*Phoca vitulina*) from California and Maine. *Organohalogen Compounds*, 69: 1733 - 1736, 2007. (PMID: 19150735)
112. Park JS, Petreas M, Cohn BA, Factor-Litvak, P. Measurement of hydroxylated PCB metabolites (OH-PCBs) in archived serum from 1950-60's California mothers. *Organohalogen Compounds*, 69: 754 - 757, 2007. (PMID: NA, DOI: NA)
113. Brown, FR, Winkler J, Visita P, Park JS, Petreas, M. Simultaneous Analysis of PCBs and Polybrominated Diphenyl Ethers (PBDEs) in Human Adipose Using GC/MS/MS. *Organohalogen Compounds*, 69: 1199 -1202, 2007. (PMID: NA, DOI: NA)
114. Hooper K, She J, Sharp M, Jewell, N, Gephart R, Chow J, Holden A. Depuration of Polybrominated Diphenyl Ethers (PBDEs) and Polychlorinated Biphenyls (PCBs) in Breast Milk from California First-Time Mothers (Primiparae). *Environ Health Perspect*, 115 (9): 1271 - 1275, 2007 (PMID: 17805415)
115. She J, Holden A, Sharp M, Tanner M, Williams-Derry C, Hooper K: Polybrominated Diphenyl Ethers (PBDEs) and Polychlorinated Biphenyls (PCBs) in Breast Milk from the Pacific Northwest. *Chemosphere*, 67 (9): S307 – S317, 2007. (PMID: 17280703)
116. Park JS, Linderholm L, Charles MJ, Athanasiadou M, Petrik J, Kocan A, Drobna B, Trnovec T, Bergman Å, Hertz-Picciotto I. Polychlorinated Biphenyls and Their Hydroxylated Metabolites (OH-PCBs) in Pregnant Women from Eastern Slovakia. *Environ Health Perspect*, 115 (1): 20 - 27, 2007. (PMID: 17366814)
117. Schauer JJ, Lough GC, Shafer MM, Christensen WF, Arndt MF, DeMinter JT, Park JS. Characterization of metals emitted from motor vehicles. *Res Rep Health Eff Inst*, 133: 1 - 76. 2006. (PMID: 16669575)
118. Petreas M, Oros D. PBDEs in California Waste Streams. *Organohalogen Compounds*, 68: 499 - 502, 2006. (PMID: NA, DOI: NA)
119. Hooper K, She J, Sharp M, Gephart R, Silver E, Leslie B, Holden A. Changes in Levels of PBDE and PCB in Breast Milk in California Mothers during Lactation. *Organohalogen Compounds*, 68: 1597-1600, 2006. (PMID: NA, DOI: NA)
120. She J, Holden A, Tanner M, Adelsbach T, Schwarzbach S, Yee J, Thompson C, Hooper K. Polybrominated Diphenyl Ether (PBDE) Concentrations in Wild Avian Eggs from San Francisco Bay from 2000 to 2003. *Organohalogen Compounds*, 68: 1832 - 1834, 2006. (PMID: NA, DOI: NA)
121. Hertz-Picciotto I, Trnovec T, Palcovicova L, Park H, Park JS, Sonneborn D, Nguyen D, Jureckeva D, Drobna B, Linderholm L, Bergman Å, Kocan A. Early childhood development and PCB exposure in Slovakia. *Organohalogen Compounds*, 68: 813 - 816, 2006. (PMID: NA, DOI: NA)
122. Fischer D, Hooper K, Athanasiadou M, Bergman Å. Children Show Highest Levels of Polybrominated Diphenyl Ethers (PBDEs) in a California Family of Four – A Case Study. *Environ Health Perspect*, 114 (10): 1581 - 1584, 2006 (PMID: 17035146)
123. Chang R, Nagourney S. How Interstate Collaboration Can Improve Site Cleanups: TRIAD and the ITRC. *Contaminated Soils, Sediments and Water, Successes and Challenges, Vol. 10, Part VI: Regulatory*, Chapter 13, EJ Calabrese, PT Kosteki and J Dragun Eds. Springer Science and Business Media, Inc., 213 - 216, 2006. (ISBN: 978-0-387-28322-7)

124. Lough GC, Schauer JJ, Park JS, Shafer MM, DeMinter JT, Weinstein, JP. Emissions of metals associated with motor vehicle roadways. *Environ Sci Technol*, 39 (3): 826 - 836, 2005. (PMID: 15757346)
125. Park JS, Linderholm L, Charles M, Athanasiadou M, Petrik J, Kocan A, Trnovec T, Bergman Å, and Hertz-Picciotto I. Measurement of Hydroxylated PCB Metabolites for Slovakia Maternal Blood Serums Exposed to Environmental PCBs. *Organohalogen Compounds*, 67: 865 - 867, 2005. (PMID: NA, DOI: NA)
126. Reynolds P, Hurley S, Petreas M, Goldberg D, Smith D, Gilliss D, Mahoney M, Jeffrey S. Adipose Levels of Dioxins and Risk of Breast Cancer. *Cancer Causes Control*, 16 (5): 525 - 535, 2005. (PMID: 15986107)
127. Farhang L, Weintraub J, Petreas M, Eskenazi B, Bhatia R. Association of DDT and DDE with Birth Weight and Length of Gestation in the Child Health and Development Studies 1959-1967. *Am J Epidemiol*, 162 (8): 717 - 725, 2005. (PMID: 16120698)
128. Windham G, Lee D, Mitchell P, Anderson M, Petreas M, Lasley B. Exposure to Organochlorine Compounds and Effects on Ovarian Function. *Epidemiology*, 16 (2): 182 - 190, 2005. (PMID: 15703532)
129. Bhatia R, Shiau R, Petreas M, Weintraub J, Farhang L, Eskenazi B. Organochlorine Pesticides and Male Genital Anomalies in the Child Health and Development Studies. *Environ Health Perspect*, 113 (2): 220 - 224, 2005. (PMID: 15687061)
130. She J, Holden A, Tanner M, Sharp M, Adelsbach T, Hooper K. Time Trends of PBDEs in Shorebird Eggs from San Francisco Bay, *Organohalogen Compounds*, 67: 607 - 609, 2005. (PMID: NA, DOI: NA)
131. She J, Holden A, Sharp M, tanner M, Williams-Derry C, and Hooper K. PBDEs are Higher than PCBs in Thirty Percent of Breast Milk Samples from the Pacific Northwest, *Organohalogen Compounds*, 67: 647 - 650, 2005. (PMID: NA, DOI: NA)
132. Petreas M, Li C, Visita P, Gill S, Gill M, Garcha J. Autos shredder and E-Waste as Sources of PBDE Exposures in California. *Organohalogen Compounds*, 67: 1012 - 1015, 2005. (PMID: NA, DOI: NA)
133. Kalantzi O, Brown F, Erdman C, Caleffi M, Goth-Goldstein R, Petreas M. PBDEs in Human Breast Adipose Tissue from Brazil. *Organohalogen Compounds*, 67: 479 - 481, 2005. (PMID: NA, DOI: NA)
134. Brown F, Kalantzi O, Winkler J, Dhaliwal J, Petreas M. Combined PBDE/PCB Analysis Using GCMS with ECNCl detection. *Organohalogen Compounds*, 67: 129 - 131, 2005. (PMID: NA, DOI: NA)
135. Koepke R, Warner M, Petreas M, Cabria A, Danis R, Hernandez-Avila M, Eskenazi B. Serum DDT and DDE Levels in Pregnant Women of Chiapas, Mexico. *Arch Environ Health*, 59 (11): 559 - 565, 2004. (PMID: 16599003)
136. Petreas M, Smith D, Hurley S, Jeffrey S, Gilliss D, Reynolds P. Distribution of Persistent, Lipid-soluble Chemicals in Breast and Abdominal Adipose Tissues: Lessons Learned from a Breast Cancer Study. *Cancer Epidemiol Biomarkers Prev*, 13 (3): 416 - 424, 2004. (PMID: 15006918)
137. She J, Holden A, Sharp M, Tanner M, Williams-Derry C, and Hooper K. Unusual Pattern of Polybrominated Diphenyl Ethers (PBDEs) in U.S. Breast Milk, *Organohalogen Compounds*, 66: 3945 - 3950, 2004. (PMID: NA, DOI: NA)

138. She J, Holden A, Tanner M, Sharp M, Adelsbach T, Hooper K. Highest PBDE Levels (max 63 ppm) Yet Found in Biota Measured in Seabird Eggs from San Francisco Bay. *Organohalogen Compounds*, 66: 3939 - 3944, 2004. (PMID: NA, DOI: NA)
139. Rogers E, Petreas M, Park J, Zhao G, Charles M. Evaluation of Four Capillary Columns for the Analysis of Organochlorine Pesticides (OCPs), Polychlorinated Biphenyls (PCBs), and Polybrominated Diphenyl Ethers (BDEs) in Human Serum for Epidemiologic Studies. *J Chromatogr B Analyt Technol Biomed Life Sci*, 813 (1-2): 269 -285, 2004. (PMID: 15556543)
140. Petreas M, Hurley S, She J, Visita P, Winkler J, Smith D, Jeffrey S, Mahoney M, Reynolds P. Organohalogen Body Burdens in a Breast Cancer Case-Control Study. *Organohalogen Compounds*. 66: 3174 - 3179, 2004. (PMID: NA, DOI: NA)
141. Holden A, She J, Tanner M, Lunder S, Hooper K. PBDEs in the San Francisco Bay Area: Measurements in Fish. *Organohalogen Compounds*, 61: 255 - 258, 2003. (PMID: NA, DOI: NA)
142. She J, Holden A, Tanner M, Adelsbach T, Schwartzbach S, Thompson C, Mahaffy M, Petreas M, Simmons B, Hooper, K. Highest PBDE Levels (62 ppm) in Piscivorous Seabird Eggs from the San Francisco Bay and Washington State. *Organohalogen Compounds*, 61: 33 - 36, 2003. (PMID: NA, DOI: NA)
143. Hayward D, Hooper K. Comparison of Levels of PCDD/Fs and 28 PCB Congeners in Finfish from Lake Chardara, Kazakhstan and Washington, DC. *Organohalogen Compounds*, 62: 73 - 76, 2003. (PMID: NA, DOI: NA)
144. Hooper, K. The IARC's Role in Public Health. *Int J Occup Environ Health*, 9 (1): 90, 2003. (PMID: 12749642)
145. Axelson O, Castleman B, Epstein S, Giannasi F, Grandjean P, Greenberg M, Hooper K, et al. WHO handling of Conflicts of Interest. *Int J Occup Environ Health*, 8 (3): 271 - 273, 2002. (PMID: 12358082)
146. Hooper K, She J. Lessons from the Polybrominated Diphenyl Ethers (PBDEs): Precautionary Principle, Primary Prevention, and the Value of Community-Based Body Burden Monitoring Using Breast Milk. *Environ Health Perspect*, 111 (1): 109 - 114, 2003. (PMID: 12515688)
147. Petreas M, She J, Brown F, Winkler J, Windham G, Rogers E, Zhao G, Bhatia R, Charles M. High Body Burdens of 2,2',4,4'-Brominated Diphenyl Ether in California Women. *Environ Health Perspect*, 111 (9): 1175 - 1179, 2003. (PMID: 12842770)
148. Petreas M, She J, Brown F, Winkler J, Visita P, Li C, Chand D, Dhaliwal J, Rogers E, Zhao G, Charles M. High PBDE Concentrations in California Human and Wildlife Populations. *Organohalogen Compounds*, 58: 177 - 180, 2002. (PMID: NA, DOI: NA)
149. Petreas M, Rogers E, Zhao G, Windham G, Bhatia R, Charles M. Organohalogen Body Burdens in California Women. *Organohalogen Compounds*, 55: 259 - 262, 2002. (PMID: NA, DOI: NA)
150. Petreas M. Temporal and Spatial Trends in Persistent Organic Pollutants. *Environ Sci Pollut Res*, (Special Issue 3): 103 - 104, 2002. (PMID: NA, DOI: NA)
151. Hooper K, Clark G, Chu A, Kudaibergenova Z, Farland W, Lucier G. Using CALUX Assay to Select High-TCDD Mothers in southern Kazakhstan and map time course of TCDD Elimination via Breast Milk. *Organohalogen Compounds*, 58: 377 - 380, 2002. (PMID: NA, DOI: NA)

152. She J, Petreas M, Winkler J, Visita P, McKinney M, Kopec D. Polybrominated Diphenyl Ethers (PBDEs) In the San Francisco Bay Area: Measurements in Harbor Seal Blubber and Human Breast Adipose Tissue. *Chemosphere*, 46 (5): 697 - 707, 2002. (PMID: 11999793)
153. Leenheer J, Hsu J, Barber L. Transport and Fate of Organic Wastes in Groundwater at the Stringfellow Hazardous Waste Disposal Site, Southern California. *J Contam Hydrol*, 51 (3-4): 163 - 178, 2001. (PMID: 11588824)
154. Chang R and Fuhs G. California Environmental Technology Certification Program. *J Process Anal Chem*, 5: 94 - 99, 2001. (PMID: NA, DOI: NA)
155. Valoppi L, Petreas M, Donohoe R, Sullivan L, Callahan C. Use of PCB Congener and Homologue Analysis in Ecological Risk Assessment. Environmental Toxicology and Risk Assessment: Recent Achievements in Environmental Fate and Transport. 9th Vol, ASTMSTP 1381, Price, Brix and Lane, Eds., American Society for Testing and Materials, West Conshohocken, PA, 2000 ([DOI: 10.1520/STP14420S](https://doi.org/10.1520/STP14420S))
156. Petreas M, She J, Winkler J, Visita P, McKinney M, Reynolds P, Smith D, et al. Body Burdens of Organohalogenes in California Populations. *Organohalogen Compounds*, 48: 17 - 20, 2000. (PMID: NA, DOI: NA)
157. She J, Petreas M, Winkler J, Visita P, McKinney M, Jones R, Kopec A. Harbor Seals as Indicators of Halogenated Contaminants in San Francisco Bay. *Organohalogen Compounds*, 49: 422 - 425, 2000. (PMID: NA, DOI: NA)
158. She J, Winkler J, Visita P, McKinney M, Petreas M. Analysis of PBDEs in Seal Blubber and Human Breast Adipose Tissue Samples. *Organohalogen Compounds*, 47: 53 - 56, 2000. (PMID: NA, DOI: NA)
159. Lipnick R, Jansson B, Mackay D, Petreas M, Eds. Persistent, Bioaccumulative, and Toxic Chemicals II: Assessment and New Chemicals. American Chemical Society Symposium Series 773. Washington D.C., 2000. (ISBN: 0-8412-3675-5)
160. Petreas M. Use of Breath Monitoring to Assess Exposures to Volatile Organic Solvents. *Handbook of Solvents*, Chapter 15, pp. 1078-1088. Wypych G, Ed. ChemTec Publishing, Toronto, Canada, 2001. (ISBN: 1895198240)
161. Jansson B, Lipnick R, Mackay D, Petreas M. Identification of Persistent, Bioaccumulative and Toxic Substances. Persistent Bioaccumulative Toxic Chemicals II. Chapter 1, Lipnick R, Ed. *American Chemical Society Symposium Series* Vol. 773. Washington D.C., 1, 2000. (PMID: NA, [Chapter DOI: 10.1021/bk-2001-0773.ch001](https://doi.org/10.1021/bk-2001-0773.ch001))
162. Petreas M, She J, McKinney M, Visita P, Winkler J, Mok M, Hooper K. Dioxin Body Burdens in California Populations. *Persistent Bioaccumulative Toxic Chemicals. Persistent, Bioaccumulative, and Toxic Chemicals I*, Chapter 19, , Lipnick R, Ed. American Chemical Society Symposium Series Vol. 772., Washington D.C., 252, 2000. ([Chapter DOI: 10.1021/bk-2001-0772.ch019](https://doi.org/10.1021/bk-2001-0772.ch019))
163. Hooper K and McDonald T. The PBDEs: An Emerging Environmental Challenge and another Reason for Breast Milk Monitoring Programs. *Environ Health Perspect*, 108 (5): 387 -392, 2000. (PMID: 10811563)
164. Valoppi L, Petreas M, Donohoe R, Sullivan L, Callahan C. Use of PCB Congener and Homologue Analysis in Ecological Risk Assessment. Environmental Toxicology and Risk Assessment: Recent Achievements in Environmental Fate and Transport. 9th vol, ASTMSTP 1381, Price, Brix and Lane,

Eds., *American Society for Testing and Materials*, West Conshohocken, PA, 2000. (PMID: NA, DOI: [10.1520/STP14420S](https://doi.org/10.1520/STP14420S))

165. Harnly M, Petreas M, Flattery J, Goldman L. Polychlorinated Dibenzop-dioxin and Polychlorinated Dibenzofuran Contamination in Soil and Home-Produced Chicken Eggs near Pentachlorophenol Sources. *Environ Sci Technol*. 34 (7): 1143 - 1149, 2000. (PMID: NA, DOI: [10.1021/es9906103](https://doi.org/10.1021/es9906103))
166. Simmons B. Waste Extraction Procedures. *Encyclopedia of Analytical Chemistry*. RA Meyers, Ed. 3526-3532, John Wiley & Sons, 2000. (DOI: [10.1002/9780470027318.a0883m](https://doi.org/10.1002/9780470027318.a0883m))
167. Hooper K, Cheng Y, Chuvakova T, Patterson D, Turner W, Hayward D. Risk Factors for High TCDD Levels in Women from Cotton-Growing State-Farms in Southern Kazakhstan. *Organohalogen Compounds*, 44: 129 - 133, 1999. (PMID: NA, DOI: NA)
168. Hooper K, Cheng Y, Chuvakova T. Sex ratio of infants in a TCDD-contaminated region in Southern Kazakhstan. *Organohalogen Compounds*, 44: 389 - 392, 1999. (PMID: NA, DOI: NA)
169. Hooper K, Petreas M, She J, Visita P, Mok M, Winkler J, McKinney M, Cheng Y, Reisberg B, Ruhstaller K. PCDD/PCDF Levels in Breast Milk from an Ethnically Diverse Population near a Hazardous Waste Site in Stockton, California. *Organohalogen Compounds*, 44: 129, 1999. (PMID: NA, DOI: NA)
170. Hooper K. Breast Milk Monitoring Programs (BMMPs): Worldwide Early Warning system for Polyhalogenated POPs and for Targeting Studies in Children's Environmental Health. *Environ Health Perspect*, 107 (6): 429 - 430, 1999. (PMID: 10339441)
171. Hayward D, Hooper K, Andrzejewski D. Tandem-in-time Mass Spectrometry Method for the Determination of 2,3,7,8-chlorine Substituted Dibenzop-dioxins and -Furans in High Fat Foods. *Anal Chem*, 71 (1): 212 - 220, 1999. (PMID: 9921129)
172. Hooper K, Chuvakova T, Kazbekova G, Tulenova A, Petreas MX, Wade TJ, Benedict K, Cheng YY, Grassman J. Analysis of Human Breast Milk to Assess Exposure to Chlorinated Contaminants in Kazakhstan: sources of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) exposures in an agricultural region of southern Kazakhstan. *Environ Health Perspect*, 107 (6): 447 - 457, 1999. (PMID: 10515712)
173. Petreas M, She J, Winkler J, Visita P, McKinney M. Levels of PCDD/PCDFs, PCBs and OC Pesticides in Breast Adipose of Women Enrolled in a California Breast Cancer Study. *Organohalogen Compounds*, 38: 37 - 39, 1998. (PMID: NA, DOI: NA)
174. Hooper K, Petreas M, Chuvakova T, Kazbekova G, Druz N, Semenova G, Sharmanov T, Hayward D, She J, Visita P, Winkler J, McKinney M, Wade T, Grassman J, Stephens R. Analysis of Breast Milk to Assess Exposure to Chlorinated Contaminants in Kazakstan. II: High Levels of 2,3,7,8-TCDD in Agricultural Villages of Southern Kazakstan. *Environ Health Perspect*, 106 (12): 797 - 806, 1998. (PMID: 9831540)
175. Hooper K, Iskander M, Sivia G, Hussein F, Hsu J, Deguzman M, Odion Z, Ilejay Z, Sy F, Petreas M, Simmons B. Toxicity Characteristic Leaching Procedure Fails to Extract Oxoanion-Forming Elements That Are Extracted by Municipal Solid Waste Leachate. *Environ Sci Technol*, 32 (23): 3825 - 3830, 1998. (PMID: NA, DOI: [10.1021/es980151q](https://doi.org/10.1021/es980151q))
176. She J, Petreas M, Visita P, McKinney M, Sy F, Winkler J, Hooper K, Stephens R. Congener-specific Analysis of PCBs in Human Milk from Kazakhstan. *Chemosphere*, 37 (3): 431 - 442, 1998. (PMID: 9661274)

177. She J, Winkler J, McKinney M, Visita P, Petreas M. Development of an Isotope Dilution GC/NCI-MS Method for the Analysis of Organochlorine Pesticides in Human Breast Adipose Tissue. *Organohalogen Compounds*, 31: 272 - 275, 1997. (PMID:NA, DOI: NA)
178. Fairey R, Taberski K, Lamerdin S, Johnson E, Clark R, Downing J, Newman J, Petreas M. Organochlorines and Other Environmental Contaminants in Muscle Tissues of Sportfish Collected from San Francisco Bay. *Mar Pollut Bull*, 34 (12): 1058 - 1071, 1997. (PMID: NA, [DOI:10.1016/S0025-326X\(97\)00084-2](https://doi.org/10.1016/S0025-326X(97)00084-2))
179. Hooper K, Petreas M, She J, Visita P, Winkler J, McKinney M, Mok M, Sy F, Garcha J, Gill M, Stephens R, Semenova G, Chuvakova T, Paltusheva T. Analysis of Breast Milk to Assess Exposure to Chlorinated Contaminants in Kazakstan. PCBs and Organochlorine Pesticides in Southern Kazakstan. *Environ Health Perspect*, 105 (11): 1250 - 1254, 1997. (PMID: 1470329)
180. She J, Hagenmaier H. Levels and Fate of PCDD/Fs in Soil Around Rastatt in Southwest Germany. *Organohalogen Compounds*, 28: 31 - 34, 1996.(PMID: NA, DOI: NA)
181. Hsu J. Particle Beam Mass Spectrometry for the Analysis of Aqueous and Hazardous Waste Leachate. In application of liquid Chromatography-mass spectrometry in Environmental Chemistry. D. Barcelo, ed., *Journal of Chromatography Library*, 59: 345 -398, Elsevier Science, Amsterdam, 1996.(ISBN: 0-444-82067-1)
182. Hayward D, Petreas M, Winkler J, Visita P, McKinney M, Stephens R. Investigation of a Wood Treatment Facility: Impact on an Aquatic Ecosystem in the San Joaquin River, Stockton, California. *Arch Environ Contam Toxicol*, 30 (1): 30 - 39, 1996.(PMID: NA, [DOI:10.1007/BF00211326](https://doi.org/10.1007/BF00211326))
183. Petreas M, Hooper K, She J, Visita P, Winkler J, McKinney M, Mok M, Sy F, Garcha J, Gill M, Stephens R, Chuvakova T, Paltusheva T, Sharmanov T, Semenova G. Analysis of Human Breast Milk to Assess Exposure to Chlorinated Contaminants in Kazakhstan. *Organohalogen Compounds*, 30: 20 - 23, 1996. (PMID:NA, DOI: NA)
184. Petreas M, Ruble R, Visita P, Mok M, McKinney M, She J, Stephens R, M Harnly, M Armstrong. Bioaccumulation of PCDD/Fs from soil by foraging chickens. *Organohalogen Compounds*, 29: 51 - 54, 1996. (PMID: NA, DOI: NA)
185. She J, Petreas M, Visita P, McKinney M, Sy F, Winkler J, Hooper K. Congener-specific Analysis of PCBs in Human Milk. *Organohalogen Compounds*, 26: 397 - 400, 1995. (PMID: NA, DOI: NA)
186. She J, McKinney M, Petreas M, Stephens R. Design and Application of an Isotope Pattern Calculator for Microsoft Windows. *Organohalogen Compounds*, 23: 171-174, 1995. (PMID: NA, DOI: NA)
187. Harnly M, Stephens R, McLaughlin C, Marcotte J, Petreas M, Goldman L. Polychlorinated Dibenzo-p-dioxin and Dibenzofuran Contamination at Metal Recovery Facilities, Open Burn Sites, and a Railroad Car Incineration Facility. *Environ Sci Technol*, 29 (3): 677 - 684, 1995. (PMID: 22200276)
188. Brown FR, Roehl R, Tabajonda J, Garcha J. Evaluation and Application of Supercritical Fluid Chromatography with Electrolytic Conductivity Detection. *Anal Lett*, 28 (4): 703 - 729, 1995.(PMID: NA, [DOI: 10.1080/00032719508001129](https://doi.org/10.1080/00032719508001129))
189. Stephens R, Petreas M, Hayward D. Biotransfer and Bioaccumulation of Dioxins and Furans from Soil: Chickens as a Model for Foraging Animals. *Sci Total Environ*, 175 (3): 253 - 273, 1995. (PMID: 8578308)

190. Hooper K, Clark G. Workshop on Perinatal Exposures to Dioxin-like Compounds VI: Role of Biomarkers. *Environ Health Perspect*, 103 (Suppl 2): 161 - 167, 1995.
191. Lindström G, Hooper K, Petreas M, Stephens R, Gilman A. Workshop on Perinatal Exposures to Dioxin-like Compounds I: Summary. *Environ Health Perspect*, 103 (Suppl 2): 135 - 142, 1995. (PMID: 7614935)
192. Petreas M, Woodlee J, Becker C, Rappaport S. Retention of Styrene Following Controlled Exposure to Constant and Fluctuating Air Concentrations. *Int Arch Occup Environ Health*, 67 (1): 27 - 34, 1995. (PMID: 7622276)
193. Draper W, Brown F, Bethem R, Miille M, Becker C. Applications of New HPLC/MS Techniques in Human Biomonitoring. Applications of Molecular Biology in Environmental Chemistry. R Minear, NJ Karch, LL Needham, AM Ford, Eds., Lewis Publishers, Inc., Chelsea, MI. 1995. (ISBN: 0-87371-951-4)
194. She J, Hagenmaier H. PCDDs and PCDFs with Chlorakali Pattern in Soil and Sludge Samples. *Organohalogen Compounds*, 20: 261 - 266, 1994. (PMID: NA, DOI: NA)
195. She J, Visita P, Sy F, Petreas M. Congener-specific Identification of PCB Contamination in Laboratory Air, Solvents and Adsorbents. *Organohalogen Compounds*, 19: 223 -0226, 1994. (PMID: NA, DOI: NA)
196. Newman J, Vedder J, Jarman W, Chang R. A Method for the Determination of Environmental Contaminates in Living Marine Mammals Using Microscale Samples of Blubber and Blood. *Chemosphere*, 29 (4): 671 - 681, 1994. (PMID: 7922154)
197. Kimbrough D, Chin R, Wakakuwa J. Wide and Systematic Errors in the Analysis of PCBs Part 3: Gas Chromatography. *Analyst*, 119: 1293 - 1301, 1994. (PMID: NA, [DOI: 10.1039/AN9941901293](https://doi.org/10.1039/AN9941901293))
198. Kimbrough D, Chin R, Wakakuwa J. Wide and Systematic Errors in the Analysis of PCBs Part 2: A Comparison of Extraction Equipment. *Analyst*, 119: 1283 - 1292, 1994. (PMID: NA, [DOI: 10.1039/AN9941901283](https://doi.org/10.1039/AN9941901283))
199. Kimbrough D, Chin R, Wakakuwa J. Wide and Systematic Errors in the Analysis of PCBs Part 1: Interlaboratory Studies. *Analyst*, 119: 1277 - 1281, 1994. (PMID: NA, [DOI: 10.1039/AN9941901277](https://doi.org/10.1039/AN9941901277))
200. Kimbrough D, Wakakuwa J. Interlaboratory Comparison of Instruments Used for the Analysis of Elements in Acid Digestates of Solids. *Analyst*, 119: 383 - 388, 1994. (PMID: NA, [DOI: 10.1039/AN9941900383](https://doi.org/10.1039/AN9941900383))
201. Craigmill A, Wetzlich S, Draper W. Toxicology and risk assessment. Environmental Epidemiology: Effects of Environmental Chemicals on Human Health, WM Draper, Ed., ACS Advances in Chemistry Series # 241. American Chemical Society, Washington, DC., Chapter 5, 53 - 64, 1994. (PMID:NA, [DOI: 10.1021/ba-1994-0241.ch006](https://doi.org/10.1021/ba-1994-0241.ch006))
202. Kreutzer R, Hewitt D, and Draper W. An Epidemiological Assessment of the Cantara Metam-Sodium Spill. Environmental Epidemiology: Effects of Environmental Chemicals on Human Health, W Draper, Ed., ACS Advances in Chemistry Series # 241. *American Chemistry Society*, Washington, DC., 209, 1994.(ISBN: 0-8412-2517-6)
203. Dong M, Draper W, Papanek P, Ross J, Woloshin K, and Stephens R. Estimating Malathion Doses in California's Medfly Eradication Campaign Using a Physiologically-based Pharmacokinetic Model. Environmental Epidemiology: Effects of Environmental Chemicals on Human Health, WM Draper, Ed.,

ACS Advances in Chemistry Series # 241. American Chemical Society, Washington, DC, 189, 1994. (ISBN: 0-8412-2517-6)

204. Hagenmaier H, Lindig C, She J. Correlation of Environmental Occurrence of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans with Possible Sources. *Chemosphere*, 29 (9-11): 2163 - 2174, 1994. (PMID: NA, [DOI:10.1016/0045-6535\(94\)90383-2](https://doi.org/10.1016/0045-6535(94)90383-2))
205. Kimbrough D, Wakakuwa J. Quality Control Limit: An alternative to Detection Levels. *Environ Sci Technol*, 28 (2): 338 - 345, 1994. (PMID: NA, [DOI: 10.1021/es00051a022](https://doi.org/10.1021/es00051a022))
206. She J, Hagenmaier H. Use of Principal Component Analysis in the Source Identification of PCDD/Fs. *Organohalogen Compounds*, 12: 187 - 190, 1993. (PMID, NA, DOI: NA)
207. Grassman J, Haas R. Development of an Immunoassay to Detect Hemoglobin Adducts Formed by Benzene Exposure. *Int Arch Occup Environ Health*, 65 (Suppl 1): S147 – S150, 1993. (PMID: 8406913)
208. Simmons B, Spear R. Source Identification for Multiple Chemical Exposure Using Pattern Recognition and Classification Techniques. *Environ Sci Technol*, 27: (12) 2430 - 2434, 1993. (PMID: NA, [DOI: 10.1021/es00048a018](https://doi.org/10.1021/es00048a018))
209. Kimbrough D, Wakakuwa J. Method Detection Limits in Solid Waste Analysis. *Environ Sci Technol*, 27 (13): 2692 - 2699, 1993. (PMID: NA, [DOI: 10.1021/es00049a007](https://doi.org/10.1021/es00049a007))
210. Chang R, Jarman W, Hennings J. Sample Cleanup by Solid-phase Extraction for the Ultratrace Analysis of Polychlorinated Dibenzo-p-dioxins and Dibenzofurans in Biological Samples. *Anal Chem*, 65 (18): 2420 - 2427, 1993. (PMID: 8238936)
211. Jarman W, Burns S, Chang R, Stephens R, Norstrom R, Simon M, Linthicum J. Determination of PCDDs, PCDFs, and PCBs in California Peregrine Falcons (*Falco peregrinus*), Their Eggs, and Selected Prey Species. *Environ Toxicol Chem*, 12 (1): 105 - 114, 1993. (PMID: NA, [DOI: 10.1002/etc.5620120112](https://doi.org/10.1002/etc.5620120112))
212. Rothman N, Poirier M, Haas R, Correa-Villasenor A, Ford P, Hansen J, O'Toole T, Strickland P. Association of PAH-DNA Adducts in Peripheral White Blood Cells with Dietary Exposure to PAHs. *Environ Health Perspect*, 99: 265 - 267, 1993. (PMID: 8319640)
213. Rothman N, Correa-Villasenor A, Ford D, Poirier M, Haas R, Hansen J, O'Toole T, Strickland P. Contribution of Occupation and Diet to White Blood Cell Polycyclic Aromatic Hydrocarbon-DNA Adducts in Wildland Firefighters. *Cancer Epidemiol, Biomarkers Prev*, 2 (4): 341 - 347, 1993. (PMID: 8348057)
214. Brown F, Roehl R. Chlorine-Selective Detector in Supercritical Fluid Chromatography Using a Coulson Electrolytic Conductivity Detector. *Anal Lett*, 26 (4): 773 - 792, 1993. (PMID: NA, [DOI: 10.1080/00032719308017407](https://doi.org/10.1080/00032719308017407))
215. Draper W, Wakeham D. Rate Constants for Metam-Sodium Cleavage and Photodecomposition in Water. *J Agric Food Chem*, 41 (7): 1129 - 1133, 1993. (PMID: NA, [DOI:10.1021/jf00031a023](https://doi.org/10.1021/jf00031a023))
216. Brown M, Petreas M, Mischke T, Okamoto H, Stephens R. Monitoring of Malathion and its Impurities and Environmental Transformation Products on Surfaces and in Air Following an Aerial Application. *Environ Sci Technol*, 27 (2): 388 - 397, 1993. (PMID: NA, [DOI:10.1021/es00039a020](https://doi.org/10.1021/es00039a020))

217. Hsu J. Interfacing Ion Chromatograph with Particle Beam Mass Spectrometry for the Determination of Organic Anionic Compounds. *Anal Chem*, 64 (4): 434 - 443, 1992. (PMID: NA, [DOI:10.1021/ac00028a019](https://doi.org/10.1021/ac00028a019))
218. Benz T, Hagenmaier H, Lindig C, She J. Occurrence of the Sulfur Analogue of Octachlorodibenzo-p-Dioxin in the Environment and Investigations on its Potential Source. *Fresen J Anal Chem*, 344 (6): 286 - 291, 1992. (PMID: NA, [DOI 10.1007/BF00324992](https://doi.org/10.1007/BF00324992))
219. Hagenmaier H, She J, Lindig C. Persistence of Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans in Contaminated Soil. *Chemosphere*, 25 (7-10): 1449 -1456, 1992. (PMID:NA, [DOI:10.1016/0045-6535\(92\)90168-Q](https://doi.org/10.1016/0045-6535(92)90168-Q))
220. Hagenmaier H, She J, Benz T, Dawidowsky N, Duesterhoeft L, Lindig C. Analysis of Sewage Sludge for Polyhalogenated Dibenzo-p-dioxins, Dibenzofurans, and Diphenylethers. *Chemosphere*, 25 (7 - 10): 1457 - 1462, 1992. (PMID:NA, [DOI:10.1016/0045-6535\(92\)90169-R](https://doi.org/10.1016/0045-6535(92)90169-R))
221. Stephens R, Rappe C, Hayward D, Nygren M, Startin J, Esbøll A, Carlé J, Yrjänheikki E. WHO International Intercalibration study of Dioxins and Furans in Human Milk and Blood. *Anal Chem*, 64 (24): 3109 - 3117, 1992. (PMID: 1492663)
222. Kimbrough D, Chin R, Wakakuwa J. Industry-Wide Performance in a Pilot Proficiency Evaluation Sample Program for Hazardous Materials Laboratories Part 2: Precision and Accuracy of PCBs. *Environ Sci Technol*, 26 (11): 2101 - 2104, 1992. (PMID:NA, [DOI: 10.1021/es00035a004](https://doi.org/10.1021/es00035a004))
223. Kimbrough D, R Chin, J Wakakuwa. Industry-Wide performance in a Pilot Proficiency Evaluation Sample Program for Hazardous Materials Laboratories Part 1: Elemental Precision and Accuracy. *Environ Sci Technol*, 26 (11): 2095 - 2100, 1992. (PMID:NA, [DOI: 10.1021/es00035a003](https://doi.org/10.1021/es00035a003))
224. Kimbrough D, Wakakuwa J. A Study of the Linear Ranges of Several Acid Digestion Procedures. *Environ Sci Technol*, 26 (1): 173 - 178, 1992. (PMID: NA, [DOI:10.1021/es00025a021](https://doi.org/10.1021/es00025a021))
225. Petreas M, Wiesmuller T, Palmer F, Winkler J, Stephens R. Aquatic Life as Biomonitors of PCDD/F and Coplanar PCB Contamination in the Sacramento-San Joaquin River Delta. *Chemosphere*, 25 (6): 621 - 631, 1992. (PMID: NA, [DOI:10.1016/0045-6535\(92\)90292-Y](https://doi.org/10.1016/0045-6535(92)90292-Y))
226. Petreas M, Rappaport S, Materna B, Rempel D. Mixed-exhaled Air Measurements to Assess Exposure to Tetrachloroethylene in Dry Cleaners. *J Exp Anal Environ Epidemiol*, Suppl 1: 25 - 39, 1992. (PMID: NA, DOI: NA)
227. Okamoto H, Wijekoon D, Esperanza C, Cheng J, Park S, Garcha J, Perera K. Analysis for N-Methylcarbamate Pesticides by HPLC in Environmental Samples. *Waste Testing and Quality Assurance: Third Volume*, D. Friedman, Ed., ASTM STP 1075, American Society for Testing and Materials, Philadelphia, 115 - 128, 1991 (PMID: NA, DOI:NA)
228. Kimbrough D, Wakakuwa J. Report of an Interlaboratory Study comparing EPA SW 846 Method 3050 and an Alternative Method from the California Department of Health Service Waste Testing & Quality Assurance: Third Volume, ASTM STP 1075. CE Tatsch, Ed., American Society for Testing and Materials, Philadelphia, 231 – 244, 1991. (PMID: NA)
229. Draper W, Park H, Stephens R. Determination of OCDD and OCDF in soils and biological samples by GC/ECD. *Waste Testing and Quality Assurance: Third Volume*, ASTM STP 1075, CE Tatsch, Ed., American Society for Testing and Materials, Philadelphia, 87 – 105, 1991. (PMID:NA, DOI: NA)

230. Nicas M, Simmons B, Spear R. Environmental Versus Analytical Variability in Exposure Measurements. *Am Ind Hyg Assoc*, 52 (12): 553 - 557, 1991. (PMID: 1781435)
231. Riviello J, Siriraks A, Manabe R, Roehl R, and Alforque M. Using IC to Enhance the Performance of Inductively Coupled Plasma-Optical Emission Spectrometry and Inductively Coupled Plasma-Mass Spectrometry. *LC-GC*, 9 (10): 704 - 712, 1991. (PMID:NA, DOI: NA)
232. Petreas M, Goldman L, Hayward D, Chang R, Flattery J, Wiesmuller T, Stephens R, Fry D, Rappe C. Biotransfer and Bioaccumulation of PCDD/PCDFs from Soil: Controlled Exposure Studies of Chickens. *Chemosphere*, 23 (11-12): 1731 - 1741, 1991. (PMID: NA, [DOI:10.1016/0045-6535\(91\)90021-5](https://doi.org/10.1016/0045-6535(91)90021-5))
233. Rappaport S, Kure E, Petreas M, Ting D, Woodlee J. A Field Method for Measuring Solvent Vapors in Exhaled Air--Application to Styrene Exposure. *Scand J Work Environ Health*, 17 (3): 195 - 204, 1991. (PMID: 2068559)
234. Kim I, Sasinos F, Stephens R, Wang J, Brown M. Determination of Chlorinated Phenoxy Acid and Ester Herbicides in Soil and Water by Liquid Chromatography Particle Beam Mass Spectrometry and Ultraviolet Absorption Spectrophotometry. *Anal Chem*, 63 (8): 819 - 823, 1991. (PMID:NA, [DOI:10.1021/ac00008a017](https://doi.org/10.1021/ac00008a017))
235. Kim I, Sasinos F, Stephens R, Brown M. Determination of Aromatic Sulfonic Acids in Aqueous Environmental Samples by Anion-Exchange Chromatography coupled to Particle Beam Mass Spectrometry and UV Spectrophotometry. *J Chromatogr A*, 589 (1-2): 177 - 183, 1991. (PMID:NA, [DOI:10.1016/0021-9673\(92\)80020-U](https://doi.org/10.1016/0021-9673(92)80020-U))
236. Hayward D, Petreas M, Goldman L, Stephens R. Assessing the Risks from 2,3,7,8 TCDD and TCDF in Milk Packaged in Paper. *Chemosphere*, 23 (11-12): 1551-1559, 1991. (PMID:NA, [DOI:10.1016/0045-6535\(91\)90002-U](https://doi.org/10.1016/0045-6535(91)90002-U))
237. Johnston J, Draper W, Stephens R. LC-MS Compatible HPLC Separation for Xenobiotics and Their Phase I and Phase II Metabolites: Simultaneous Anion Exchange and Reversed Phase Chromatography. *J Chromatogr Sci*, 29 (12): 511 - 516, 1991. (PMID: 1761635)
238. Draper W, Wijekoon D, and Stephens R. Speciation and Quantitation of Aroclors in Hazardous Wastes Based on PCB Congener Data. *Chemosphere*, 22 (1-2): 147 - 163, 1991. (PMID:NA, [DOI:10.1016/0045-6535\(91\)90272-F](https://doi.org/10.1016/0045-6535(91)90272-F))
239. Draper W, Koszdin S. Speciation and Quantitation of Aroclors Based on PCB Congener Data: Application to California Mussels and White Croaker. *J Agric Food Chem*, 39 (8): 1457 - 1467, 1991. (PMID:NA, [DOI:10.1021/jf00008a019](https://doi.org/10.1021/jf00008a019))
240. Draper W, Wijekoon D, Stephens R. Determination of Malathion Urinary Metabolites by Isotope Dilution Ion Trap GC/MS. *J Agric Food Chem*, 39 (10): 1796 - 1801, 1991. (PMID:NA, [DOI:10.1021/jf00010a021](https://doi.org/10.1021/jf00010a021))
241. Brown R, Draper W. The Matrix Effect in Particle Beam Liquid Chromatography/Mass Spectrometry and Reliable Quantification by Isotope Dilution. *Biol Mass Spectrom*, 20 (9): 515 - 521, 1991. (PMID: 1782203)
242. Brown M, Stephens R, Kim I. Liquid Chromatography Mass Spectrometry: a New Window for Environmental Analysis. *Trends Anal Chem*, 10 (10): 330 - 336, 1991. (PMID:NA, [DOI:10.1016/0165-9936\(91\)87009-U](https://doi.org/10.1016/0165-9936(91)87009-U))

243. Stephens R, Harnly M, Hayward D, Chang R, Flattery J, Petreas M, Goldman L. Bioaccumulation of Dioxins in Food Animals II: Controlled Exposure Studies. *Chemosphere*, 20 (7): 1091 - 1096, 1990. (PMID:NA, [DOI:10.1016/0045-6535\(90\)90226-J](https://doi.org/10.1016/0045-6535(90)90226-J))
244. Chang R, Jarman W, King C, Esperanza C, Stephens R. Bioaccumulation of PCDD's and PCDF's in Food Animals III: A Rapid Cleanup of Biological Materials Using Reverse Phase Adsorbent Columns. *Chemosphere*, 20 (7-9): 881 - 886, 1990. (PMID:NA, [DOI:10.1016/0045-6535\(90\)90196-Z](https://doi.org/10.1016/0045-6535(90)90196-Z))
245. Brown F, Draper W. Particle Beam Liquid Chromatography/Mass Spectrometry of Phenols and their Sulfate and Glucuronide Conjugates. Applications in Agricultural, Pharmaceutical and Environmental Chemistry, edited by M. Brown, *ACS Symposium Series No. 420*, American Chemistry Society, Washington, DC, Chapter 15: 232 - 244, 1990. (PMID: NA, DOI: NA)
246. Draper W, Brown F, Bethem R, Miille M. Anion Exchange Thermospray Tandem Mass Spectrometry of Polar Urinary Metabolites and Metabolic Conjugates. Applications in Agricultural, Pharmaceutical, and Environmental Chemistry, M Brown, Ed., *ACS Symposium Series No. 420*, American Chemical Society, Washington, DC, Chapter 17: 253 - 269, 1990. (PMID: NA, DOI: NA)
247. Goldman L, Hayward D, Flattery J, Harnly M, Patterson D, Needham L, Siegal D, Chang R, Stephens R, Kizer K. Serum, Adipose and Autopsy Tissue PCCD and PCDF levels in People Eating Dioxin Contaminated Beef and Chicken Eggs. *Chemosphere*, 19 (1-6): 841 - 848, 1989. (PMID: NA, [DOI:10.1016/0045-6535\(89\)90419-0](https://doi.org/10.1016/0045-6535(89)90419-0))
248. Hayward D, Charles J, Voss de Bettancourt C, Stephens S, Stephens R, Papanek P, Lance L, Ward C. PCDD and PCDF in Breast Milk as Correlated with Fish Consumption in Southern California. *Chemosphere*, 18 (1-6): 455 - 468, 1989. (PMID: NA, [DOI:10.1016/0045-6535\(89\)90155-0](https://doi.org/10.1016/0045-6535(89)90155-0))
249. Chang R, Hayward D, Goldman L, Harnly M, Flattery J, Stephens R. Foraging Farm Animals as Biomonitorers for Dioxin Contamination. *Chemosphere*, 19 (1-6): 481 - 486, 1989. (PMID:NA, [DOI:10.1016/0045-6535\(89\)90355-X](https://doi.org/10.1016/0045-6535(89)90355-X))
250. Kimbrough D, Wakakuwa J. Acid Digestion for Sediments, Sludges, Soils, and Solid Wastes. A proposed Alternative to EPA SW 846 Method 3050. *Environ Sci Technol*, 23 (7): 898 - 900, 1989. (PMID: NA, [DOI:10.1021/es00065a021](https://doi.org/10.1021/es00065a021))
251. Brown F, Draper W. Separation of Phenols and their Glucuronide and Sulfate Conjugates by Anion-Exchange Liquid Chromatography. *J Chromatogr*, 479 (2): 441 - 444, 1989. (PMID: 2808611)
252. Draper W, Brown F, Bethem R, Miille M. Thermospray MS and MS/MS of Polar, Urinary Metabolites and Metabolic Conjugates. *Biomed Environ Mass Spectrom*, 18 (9): 767 - 774, 1989. (PMID: 2790262)
253. Draper W, Phillips J, Harnly M, Stephens R. Assessing Environmental Contamination from a Pentachlorophenol Fire: Screening Soils for Octachlorodibenzodioxin. *Chemosphere*, 17 (9): 1831 - 1850, 1988. (PMID: NA, [DOI:10.1016/0045-6535\(88\)90111-7](https://doi.org/10.1016/0045-6535(88)90111-7))
254. Iskander M, Yacoub N, Holden A, Smith C, Stephens R. Comparative Study of Preparative and Analytical Techniques for the Determination of Selenium in Water, Sediment and Vegetation Matrices. Waste Testing and Quality Assurance, ASTM STP 999. D Friedman, Ed., *American Society for Testing and Materials*, Philadelphia, 87 - 100 1988. (PMID: NA, DOI: NA)
255. Draper W, Wolfe N. Abiotic Processes in the Degradation of Pesticides in Natural Waters. Pesticide Science and Biotechnology, R Greenhalgh and TR Roberts, eds. *Proceedings of the 6th IUPAC*

Congress of Pesticide Chemistry, Blackwell Scientific Publications, Oxford, 425 - 432, 1987. (PMID: NA, DOI: NA)

256. Draper W, Stephens R, Ruzo L. Photochemical Surface Decontamination: Application to a Polychlorinated Biphenyl Spill Site. *Solving Hazardous Waste Problems*, edited by J. Exner, ACS Symposium Series No. 338, American Chemical Society, Washington, DC, 350 - 366, 1987. (PMID: NA, DOI: NA)
257. Wang Y, Flessel C, Williams L, Chang K, DiBartolomeis M, Simmons B, Singer H, Sun S. Evaluation of Guidelines for Preparing Wastewater Samples for Ames Testing. *Short-Term Bioassays in the Analysis of Complex Environmental Mixtures Vol. V*, S Sandhu, DM DeMarini, MJ Mass, MM Moore, and JL Mumford, Eds., 67 - 87, 1987. (PMID: NA, DOI: NA)
258. Petreas M, Twiss S, Pon D, Imada, M. A Laboratory Evaluation of Two Methods for Measuring Low Levels of Formaldehyde in Indoor Air. *Am Ind Hyg Assoc J*, 47 (5): 276 - 280, 1986. (PMID: 3717011)
259. Draper W. Quantitation of Nitro- and Dinitropolycyclic Aromatic Hydrocarbons in Diesel Exhaust particulate. *Chemosphere*, 15 (4): 437 - 447, 1986. (PMID: NA, [DOI:10.1016/0045-6535\(86\)90537-0](https://doi.org/10.1016/0045-6535(86)90537-0))
260. Ruzo L, Draper W. Practical Techniques for Mass Spectrometric Analysis of Pesticides and their Degradation Products. *Practical Methods for the Analysis of Pesticides*, G Zweig and J Sherma, Eds., Academic Press, Orlando, Florida, Chapter 5, 133 - 192, 1986. (PMID: NA, DOI: NA)
261. Draper W. Measurement of Quantum Yields in Polychromatic Light: Dinitroaniline Herbicides. *Photochemistry of Environmental Aquatic Systems*, W Cooper and R Zika, eds; ACS Symposium Series No. 327, American Chemical Society, Washington, DC, Chapter 20, 268 - 280, 1986. (PMID: NA, DOI: NA)
262. Appel B, Tokiwa Y, Hsu J. Visibility as Related to Atmospheric Aerosol Constituents. *Atmos Environ*, 19 (9): 1525 - 1534, 1985. (PMID: NA, [DOI: 10.1016/0004-6981\(85\)90290-2](https://doi.org/10.1016/0004-6981(85)90290-2))