

Publications of

Dr. Douglas B. Walters

Dr. Walters has about 170 publications, which include 57 books and book chapters, 9 electronic books and 1 video, and about 100 journal articles and one patent. In addition, he has made over 140 presentations at various scientific meeting. Publications related to laboratory safety and environmental/health chemistry are listed below and are divided into: (1) electronic publications and videos, (2) hard copy books and book chapters and, (3) scientific articles, and patents. Other publications in analytical, and inorganic chemistry pertaining to NMR, chemical analysis, method development and synthesis are available upon request.

Electronic Publications and Videos

Keith, L.H., and D.B. Walters, eds. *National Toxicology Program's Chemical Solubility Database*. Lewis Publishers, Ann Arbor, MI, 1992.

Keith, L.H., and D.B. Walters, eds. *National Toxicology Program's Chemical Database. Vol. 1, Chemical Names and Synonyms*, Lewis Publishers, Ann Arbor, MI, 1992.

Keith, L.H., and D.B. Walters, eds. *National Toxicology Program's Chemical Database. Vol. 2, Chemical and Physical Properties*, Lewis Publishers, Ann Arbor, MI, 1992.

Keith, L.H., and D.B. Walters, eds. *National Toxicology Program's Chemical Database. Vol. 3, Standards and Regulations*, Lewis Publishers, Ann Arbor, MI, 1992.

Keith, L.H., and D.B. Walters, eds. *National Toxicology Program's Chemical Database. Vol. 4, Medical Hazards and Symptoms of Exposure*, Lewis Publishers, Ann Arbor, MI, 1992.

Keith, L.H., and D.B. Walters, eds. *National Toxicology Program's Chemical Database. Vol. 5, Medical First Aid*, Lewis Publishers, Ann Arbor, MI, 1992.

Keith, L.H., and D.B. Walters, eds. *National Toxicology Program's Chemical Database. Vol. 6, Personal Protective Equipment*, Lewis Publishers, Ann Arbor, MI, 1992.

Keith, L.H., and D.B. Walters, eds. *National Toxicology Program's Chemical Database. Vol. 7, Hazardous Properties and Uses*, Lewis Publishers, Ann Arbor, MI, 1992.

Keith, L.H., and D.B. Walters, eds. *National Toxicology Program's Chemical Database. Vol. 8, Shipping Classes and Regulations*, Lewis Publishers, Ann Arbor, MI, 1992.

Videos:

Walters, D.B. Technical advisor and consultant for, "Taking the Long View-Carcinogens and Related Health Hazards." American Chemical Society, Washington DC, 1996.

Books and Book Chapters

Stricoff, R.S., D. B. Walters and L. DiBerardinis. *Handbook of Laboratory Health and Safety*, 3rd edition. John Wiley & Sons, Inc., NY, (in press).

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Prokopetz, A.T. and D.B. Walters, English language editors. *Safety in the Chemistry and Biochemistry Laboratory* by A. Picot, and P. Grenouillet. VCH Publishers, NY, 1995.

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Walters, D.B. Management and Handling of Hazardous Chemicals in the Laboratory in *Handbook of Carcinogen Testing*, 2nd edition. H.A. Milman, and E.K. Weissburger, eds. Noyes Data Corp., Park Ridge, NJ, 1994.

Keith, L.H., and D.B. Walters, eds. *National Toxicology Program's Chemical Solubility Compendium*. Lewis Publishers, Ann Arbor, MI, 1992.

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Smith, R.A., L.H. Keith, R.L. Trammell, D.B. Walters, and A.T. Prokopetz. Safe Handling of Hazardous Chemicals in a Chemical Containment Laboratory-Design Requirements of a Chemical Containment Laboratory in *Safe Laboratories: Principles and Practices for Design and Remodeling*. P.C. Ashbrook, and M.M. Renfrew, eds. Lewis Publishers, Inc., Chelsea, MI, 1990.

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Scientific Articles and Patents

Walters, D.B. Contributing editor of a bi-monthly column on laboratory health and safety in the American Chemical Society/Elsevier publication *Chemical Health and Safety* 1996-2006 (~60 articles)

Walters, D.B., R. Ryan, and S. Kotha, Why Containment and Proper Hood Use is Important in Animal Science Laboratories, *Animal Laboratory News*, 2006, 5(6): 51-53.

Walters, D.B. and R. Ryan, Local Ventilation for Safe Containment in the Pharmaceutical Industry, *Int. J. Phar. Compound*, 2005, 9(4): 293-298.

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Patents

Patent #4.468.951. Garcia, D.B., B. A. Sorenson, J.M. Harless, L.H. Keith, D.B. Walters, and A.T. Prokopetz. Semi-micro Cell for Evaluation and Testing of Glove and Protective Material, September 4, 1984.