**Publication List**

**JOHN P. GIESY**

***B.S., M.Sc., Ph.D., FRSC[[1]](#footnote-1), FSETAC[[2]](#footnote-2), DSAHC3***

**January 2, 2021**

Professor Giesy has published 1,300 peer‑reviewed works: 82 book chapters, 1,133 open literature, journal articles, 5 feature articles, 3 special publications, 3 theses, 7 books written, 11 books edited, 4 textbook chapters, 5 published reviews, 27 published reports, and 20 special reports. Prof. Giesy is a highly cited author and is among the top 0.001% of active authors in the world (ISI) and the most cited author in the world in the combined fields of Ecology and Environmental Sciences with an Hirsch (H) index of 128 (Google Scholar®: <http://scholar.google.com/citations?user=vt-PMP8AAAAJ&hl=en>) with more than 74,915 citations. His i10 Index (number of papers cited more than 10 times) is 942.

***THESES AND DISSERTATIONS (3):***

(T‑1) Giesy, J. P. 1970. *The Effects of the Alma ‑ St. Louis,* *Michigan Metropolitan Area on the Benthic Organisms of the* *Pine River*. B.S. Thesis, Alma College. 35 p.

(T‑2) Giesy, J. P. 1971. *Estimation of Bottom Area in an Artificial* *Stream, Using Phosphorus‑32*. M.S. Thesis, Michigan State University. 71 p.

(T‑3) Giesy, J. P. 1974. *The Effects of Humic Acids on the Growth of an Uptake of Iron and Phosphorus by Scenedesmus obliquus*. Ph.D. Dissertation, Michigan State University.

***BOOKS WRITTEN (7):***

(B-1) Delzell, E., J. Doull, J. P. Giesy, D. Mackay, I. C. Monro and G. M. Williams. 1994. ***Interpretive Review of the Potential Adverse Effects of Chlorinated Organic Chemicals on Human Health and the Environment.*** *Regulatory Toxicology & Pharmacology*. Special Supplement to Vol. 20 No. 1 Part 2 of 2 parts. Academic Press, Inc. New York, 1056 p.

(B-2) Knobil, E., H. A. Bern, J. Burger, D. M. Fry, J. P. Giesy, J. Gorski, C. J. Grossman, L. J. Guillette, B. S. Hulka, J. C. Lamb, J. A. McLachlan, L. A. Real, S. H. Safe, A. M. Soto, J. J. Stegeman, S. H. Swan, F. S. von Saal. 1999. ***Hormonally Active Agents in the Environment***. Committee on Hormonally Active Agents in the Environment, Board on Environmental Studies and Toxicology, Commission on Life Sciences, National Research Council, National Academy Press, Washington, DC. 430 p.

(B-3) Giesy, J. P., K. R. Solomon, J. R. Coats, K. R. Dixon, J. M. Giddings and E. K. Kenega. 1999. ***Ecological Risk Assessment of Chlorpyrifos in North American Aquatic Environments***. Springer-Verlag, Heidleberg, Germany, 129 p.

(B-4) Henderson, R., M. W. Bell, J. F. Borzelleca, E. H. Clark, II, E. A. C. Crouch, J. P. Giesy, P. B. Ryan, J. N. Seiber and C. C. Travis. 1999. ***Risk-Based Waste Classification in California***. National Academy Press, Washington, D.C. 219 p.

(B-5) Farrington, J. F., R. C. Loehr, E. L. Anderson, W. F. Bohlen, Y. Cohen, K. J. Farley, J. P. Giesy, D. S. Henshel, S. U. Lester, K. J. Liegel, P. L. McCarty, J. L. O’Donoghue, J. J. Opaluch and D. D. Reible. 2001. *Risk Reduction Strategy for PCB-Contaminated Sediments.* National Academy Press, Washington, DC. 432p.

(B-6) Anon. 2002. Global Assessment of the State-of-the-Science of Endocrine Disruptors: An Assessment Prepared by an Expert Group on Behalf of the World Health Organization, the International Labor Organization and the United Nations Environment Program. World Health Organization, Geneva. WHO/PCS/EDC/02.2. 180pp.

(B-7) Luthy, R. G., R. M. Allen-King, S. L. Brown, D. A. Dzombak, S. E. Fendorf, J. P. Giesy, J. B. Hughes, S. N. Luoma, L. A. Malone, C. A. Menzie,S. M. Roberts, M. V. Ruby, T. W. Schultz and B. F. Smeets. 2003. Bioavailability of Contaminants in Soils and Sediments: ***Processes, Tools and Applications.*** National Academy Press, Washington, DC. 420p.

***BOOKS EDITED (11):***

(BE‑1) Giesy, J. P. (Ed.). 1980. *Microcosms in Ecological Research*. Department of Energy Symposium Series #52 CONF‑781101, National Technical Information Center, Springfield, VA, 1112 p.

(BE‑2) Baudo, R., J. Giesy and H. Muntau (Eds.). 1990. *Sediments: The Chemistry and Toxicology of In‑Place Pollutants*. Lewis Publishers. Chelsea, Mich. 405 p.

(BE-3) Hart, B. T., P. Sly, R. Beckett, W. Calmano, J. P. Coakley, B. J. Eadie, J. P. Giesy,, M. Jansson, L. Kamp-Nielsen, G. Morrison S. S. Rao, D. Walling and B. Boström (Eds.). 1992. *Sediment/Water Interactions: V-Developments in Hydrology.* Kluwer Academic Publishers, Dordrecht, The Netherlands. 743 p.

(BE-4) Christensen, E., D. Edgington and J. P. Giesy (Eds.). 1994. *Contaminated Aquatic Sediments: Proceedings of the First International Specialized Conference on Contaminated Aquatic Sediments: Historical Records, Environmental Impact, and Remediation.* Pergamon Press, Oxford, UK, 389 p.

(BE-5) Carey, J., P. Cook, J. Giesy, P. Hodson, D. Muir, W. Owens and K. Solomon (Eds.). 1998. *Ecological Risk Assessment of The Chlorinated Organic Chemicals*. SETAC Press, Pensacola, FL. 375 p.

(BE-6) Kendall, R. J., R. L. Dickerson, J. P. Giesy, and W. A. Suk (Eds.). 1998. Principles and Processes for Evaluating Endocrine Disruptors in Wildlife. SETAC Press, Pensacola, FL, 491 p.

(BE-7) Wu, R., B. Richardson, D. Connell, J. P. Giesy, M. Moore, D. Randall and S. Tanabe. 2002. Proceedings of the Third International Conference on Marine Pollution and Ecotoxicology, 10-14 June, 2001, Hong Kong, China. Pergamon Press, Oxford, Unkited Kingdom. 402 P.

(BE-8) Wu, R., B. Richardson, D. Connell, J. P. Giesy, M. Moore, D. Randall and S. Tanabe. 2005. Proceedings of the Fourth International Conference on Marine Pollution and Ecotoxicology, June, 2004, Hong Kong, China. Pergamon Press, Oxford, Unkited Kingdom. 402 P.

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(BE-10) Wu, R., B. Richardson, P. Lam, D. Connell, D. Schlenk, S. Tanabe, J. P. Giesy and H. Hong. 2008. Proceedings of the Fifth International Conference on Marine Pollution and Ecotoxicology, June, 2007, Hong Kong, China. Pergamon Press, Oxford, Unkited Kingdom. 897 p.

(BE-11) Giesy, J.P. and K.R. Solomon (eds.), ***Ecological Risk Assessment for Chlorpyrifos in Terrestrial and Aquatic Systems in North America***, *Rev. Environ. Contam. Toxicol.* Vol. 231, 269p.

***TEXTBOOKS (4):***

(TB-1) Graney, R. L., J. P. Giesy and J. R. Clark. 1995. Field Studies. In: ***Fundamentals of Aquatic Toxicology: Effects, Environmental Fate and Risk Assessment*** (2nd edition). G. M. Rand (Editor), pp. 257-305, Taylor & Francis, Bristol, PA.

(TB-2) Giesy, J.P. and P.D. Jones. 2010. Perfluorinated Substances in the Environment: History of an Environmental Issue. Pp. 58-62 In: Newman, M.C. ***Fundamental of Ecotoxicology, 3th Ed..*** CRC Press, Boca Raton, FL. 541 p.

(TB-3) Giesy, J.P. and P.D. Jones. 2015. Perfluorinated Substances in the Environment: History of an Environmental Issue. Pp. 74-78 In: Newman, M.C. ***Fundamental of Ecotoxicology: The Science of Pollution, 4th Ed..*** CRC Press, Boca Raton, FL. 654 p.

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(FA-2) Kramer, V. J. and J. P. Giesy. 1995. Environmental Estrogens: A Significant Risk? *Hum. Ecol. Risk. Assess.* 1(2):37-42.

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(FA-5) Young, A.L., H. Hollert, W Köpffer, U. Förstner, K. Voigt, W. Geiger, B. Markert, G. Lammel and J.P. Giesy. 2008. The Era Otto Hutzinger. *Envir. Sci. Poll. Res.* 15:101-107.

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(BC‑1) Hypothetical Framework. 1977. Pp 1-34. In: J. W. Gillett and J. M. Witt (Eds.). ***Terrestrial Microcosms: the proceedings of the workshop on terrestrial microcosms*.** NSF/RA 790034.

(BC‑2) Giesy, J. P., D. 237. Paine and L. Hersloff. 1977. Effect of naturally occurring organics on 237Pu uptake by algae and bacteria. pp. 531‑543. In: White, M. G. and P. B. Dunaway (Eds.). ***Dynamics of transuranics in terrestrial and aquatic environments*.** Nevada Applied Ecology Group Symposium: National Technical Information Center, Springfield, VA.

(BC‑3) Skinner, S. P., J. B. Gentry and J. P. Giesy. 1978. Cadmium dynamics in terrestrial food webs of a coal fly ash basin. pp. 658‑672. In: D. C. Adriano and I. L. Brisbin, Jr. (Eds). ***Environmental Chemistry and Cycling Processes*.** ERDA Symposium Series. (CONF‑760429).

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(BC‑5) Giesy, J. P., N. H. Cutshall, L. L. King, R. E. Akutani and A. L. Reeves. 1979. Barium. pp. 19‑26. In: R. V. Thurston, R. C. Russo, C. M. Fetterolf, Jr., T. A. Edsall and Y. M. Barber, Jr. (Eds.). ***A Review of the EPA Red Book: Quality Criteria for Water***. Water Quality Section, American Fisheries Society, Bethesda, Maryland.

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(BC‑9) Bowling, J. W., J. P. Giesy, H. J. Kania and R. L. Knight. 1980. The Realities of Using Large‑scale Microcosms in Assessing the Fates and Effects of Potentially Hazardous Trace Contaminants. pp. 224‑247. In: J. P. Giesy (Ed.). ***Microcosms in Ecological Research***. DOE CONF‑781101 Department of Energy Technical Information Center, Oak Ridge, TN.

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(BC‑11) Leversee, G. J., J. P. Giesy, P. F. Landrum, S. Gerould, M. Bruno A. Spacie, S. Bartell, J. Bowling, J. Haddock and T. Fannin. 1981. Disposition of benzo(a)pyrene in aquatic systems components: periphyton, chironomids, fish. pp. 357‑366. In: ***Proceedings 5th International Symposium on Polynuclear Aromatic Hydrocarbons***. Battell Columbus Laboratories, Columbus Ohio.

(BC‑12) Bartell, S. M., P. F. Landrum, J. P. Giesy and G. J. Leversee. 1981. Simulated transport of polycyclic aromatic hydrocarbons in artificial streams. pp. 133‑142. In: W. J. Mitsch, R. W. Bosserman and J. M. Klopatek (Eds.). ***Energy and Ecological Modeling*,** Elsevier, New York.

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(BC‑23) Giesy, J. P., D. J. Versteeg and R. L. Graney. 1988. A review of selected clinical indicators of stress‑induced changes in aquatic organisms. pp. 169‑200. In: M. S. Evans (Ed.).  ***Toxic Contaminants and Ecosystem Health: A Great Lakes* *Focus***. John Wiley and Sons, New York.

(BC‑24) Versteeg, D. L., R. L. Graney and J. P. Giesy. 1987. Field utilization of clinical measures of xenobiotic stress in aquatic organisms. pp. 289‑306. In: W. J. Adams, G. A. Chapman, and W. G. Landis, (Eds.). ***Aquatic Toxicology and Hazard* *Assessment***: 10th Volume, ASTM STP 971, American Society for Testing and Materials, Philadelphia, PA.

(BC‑25) Giesy, J. P. 1987. Current status of metal speciation studies. pp. 225‑242. In: J. W. Patterson and R. Passino (Eds.). ***Metal, Speciation, Separation and Recovery***. Lewis Publishers, Chelsea, MI.

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(BC‑28) Gala, W. R. and J. P. Giesy. 1989. Flow cytometric techniques to assess toxicity to algae. pp. 237-246. In: W. Landis and W. Van Der Schaile (Eds.). ***Aquatic Toxicology and* *Hazard Assessment*.** Thirteenth Volume ASTM, STP 1096. American Society for Testing and Materials, Philadelphia, PA.

(BC‑29) Giesy, J. P. and R. A. Hoke. 1990. Freshwater sediment quality criteria: toxicity bioassessment. pp. 265-348. In R. Baudo, J. Giesy and H. Muntau (Eds.). ***Sediments: The Chemistry and Toxicology of In‑Place Pollutants***. Lewis Publishers, Chelsea, Michigan.

(BC‑30) Reijnders, P., J. P. Giesy, G. T. Ankley, P. Matthiessen and M. Depledge. 2002. Wildlife. In: ***Global Assessment of the State-of-the-Science of Endocrine Disruptors (EDCs)****.* World Health Organization/United Nations Environment Programme, International Programme of Chemical Safety, Geneva, Switzerland.

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(BC-35) Ludwig, J. P., M. E. Ludwig, H. J. Auman, P. D. Jones, J. P. Giesy, D. Verbrugge, B. Chisholm and W. Swain. 1992. The uptake of toxic contaminants by double-crested cormorants, Caspian terns and herring gulls from forage fish in the upper Great Lakes: The Basis of a Model for Great Lakes Fish-eating Warm-blooded Wildlife Species.In: ***Proceedings of Cause-Effects Linkages in the Great Lakes.*** Lewis Press, Chelsea, MI.

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(BC-38) Bowerman, W.W., D. A. Best, E. D. Evans, S. Postupalsky, M. S. Martel, K. Kozie, R. L. Welch, R. H. Schell, D. F. Darling, J. C. Rogers, T. J. Kubiak, D. E. Tillitt, T. R. Schwartz, P. D. Jones and J. P. Giesy. 1990. PCB Concentration in Plasma of Nestling Bald Eagles from the Great Lakes Basin, North America. pp. 203-206. In: O. Hutzinger and H. Fiedler (Eds.). *Toxicology- Environment, Food, and Exposure Risk for Hhalogenated Hydrocarbons*. ECO-INFORMA Press, Bayreuth, Germany.

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1. Fellow Royal Society of Canada (National Academy of Science of Canada)

   2 Fellow Society of Environmental Toxicology and Chemistry [↑](#footnote-ref-1)
2. 3 *Doctor Scientiarum Ambitalium Honors Causa*, conferred by Masaryk University [↑](#footnote-ref-2)