

REFERENCE

- Abatzopoulos, T.J., Athanasios, D., Baxevanis, A.D. Triantaphyllidis, G., Criel, G., Pador, L.E., Van Stappen, G., and Sorgeloos. P. 2006.** Quality evaluation of *Artemia urmania* Gunter (Urmia Lake, Iran) with special emphasis on its particular cyst characteristics (International study on *Artemia* LXIX). *Aquaculture* **254**: 442-454.
- Abatzopoulos, T.J., Beardmore, J.A., Clegg, J.S., Sorgeloos.P.2002.** *Artemia*: Basic and applied biology. *Kluwer Academic Publishers*, Dordrecht. The Netherlands.
- Abatzopoulos,T.J., El-Bermawi.N., Vasdekis, C.H., Baxevanis A.D and Sorgeloos.P. P.2003.** Effect of salinity and temperature on reproductive and life span characteristics of clonal *Artemia*. (*International study on Artemia* (LXVI). *Hydrobiologia*. **492**: 191-199.
- Abreu-Grobis, F.A., Beardmore., J.A., 1982.** Genetic differentiation and speciation in the brine shrimp. *Artemia*. In: Barigozic. C.ed. *Mechanisms of speciation*. Alan. R. Liss, Inc., New York: 345-376.
- Abreu-Grobois, F.A, Beardmore, J.A., 1980.** International study on *Artemia* II. Genetic characterization of *Artemia* populations- an electrophoretic approach In: Persoone.G., Sorgeloos. P., Rode, O.A., Jaspers E, eds. The brine shrimp *Artemia*. Vol.1. *Universa press*, Welteren. Belgium: 133-146.
- Acey, R.A., Tomilson, D.W., 1988.** *Artemia salina* as a model system for assessing the effects of xenobiotics on embryonic development. *FASEBJ*. **2** (6): 8463.
- Achari, G. P. K., 1971.** Occurrence of the brine shrimp *Artemia salina* in Karsewar Island of Tuticorin, Gulf of Mannar. *Indian J. Fish.*, **18** : 196.
- Adgate, J.L., Kukowski,A., Stroebel, C., Shubat, P.J., Morrell, S., and Quackenboss, J.J., 2000.** Pesticide storage and use patterns in Minnesota households with children. *J. Expo Anal Environ Epidemiol*. **10** (2): 159-167.

- Agh, N., Abatzopoulos, T. J., Kappas, I., Van Stappen, G., Razavi Rouhani, S. M. and Sorgeloos, P., 2007.** Co-existence of bisexual and parthenogenetic *Artemia* populations in lake Urmia and neighbouring lagoons. *Int. Rev. Hydrobiol.*, **92** : 48 – 60.
- Agh, N., Bossier, P., Abatzopoulos, T. J., Beardmore, J. A., Van Stappen, G., Mohammadyari, A., Rahimian, H. and Sorgeloos, P., 2009.** Morphometric and preliminary genetic characteristics of *Artemia* population from Iran. *Intl. Rev. Hydrobiol.*, **94**(2) : 194 – 207.
- Ajagi, O. 2002.** Socio-Economic Assessment of Pesticide use in Mali. Pesticide Policy Project: University of Hanover, Germany.
- Aktar Wasim, Md. and Paramasivam, M., 2008.** Impact of pesticide use in Indian Agriculture – their benefits and hazards. www.shamskm.com
- Alam, M., 1980.** Limnological studies of Sambhar salt lake and its reservoir. Ph. D. Thesis, University of Jodhpur, 158.
- Alyuruk, H., and Cavas, L., 2013.** Toxicities of diuron and irgarol on the *hatchability* and early stage development of *Artemia salina*. *Turk. J. Biol.* **37**: 151-157.
- Amaraneni, S. R. 2002.** Persistence of pesticides in water, sediment and fish from fish farms in Kolleru Lake, India. *J. Agric. Food Chem.*, **82**: 918-923.
- Amat, D.F., 1980.** Differentiation in *Artemia* strains from Spain. In: Persoone, G., Sorgeloos, P., Roels, O.A., Jaspers, E., eds. *The brine shrimp Artemia*, Vol. 1. Universa Press, Wetteren, Belgium: 19-29.
- Amat, F., Barata, C., Hontoria, F., 1995.** A Mediterranean origin for the Veldrif (South Africa) *Artemia* Leach population. *Journal of Biogeography* **22**: 49-59.
- Amat, F., Hontoria, F., Navarro, J.c., Vieira, N., Mura, G., 2007.** Biodiversity loss in the genus *Artemia* in the Western Mediterranean region. *Limnetica*. **26**: 177-194.
- Amat, F., Hontoria, F., Ruiz, O., Green, A.J., Sanchez, M.I., Figuerola, J., Hortas, F., 2005.** The American brine shrimp as an exotic invasive species in the western Mediterranean. *Biological Invasions* **7**: 37-47.

- Anon. 2005C.** Conservation Technologies and the plant science industry. Managing Natural Resources Sustainably.
- APHA, 1985.** Standard methods for the examination of water and wastewater. 16th Edition. *Amer. Pub. Hlth. Assoc.* Washington, D.C.
- Arulvasu, C. and Munuswamy. N. 2009.** Survival, growth and Composition of *Poecilia latipinna* fry fed enriched *Artemia nauplii*. *Current Science*. Vol. **96** (1): 114-119.
- Asem, A., Atashbar, B., Rastegar-Pouyani, N. and Agh, N., 2010.** Morphological and biometric characterisation of rare male and sexual dimorphism in parthenogenetic *Artemia* (Crustacea : Anostraca). Short Communication *Zoology in the Middle East*, 49.
- Asem, A., Atashbar, B., Rastegar-Pouyani, N., Agh,N., 2009.** *Zoology in the middle east* 47, 1-4
- Asem, A., Rastegar-pouyani, N., 2007.** Sexual dimorphism in *Artemia urmiana* Gunther, 1899 (Anostraca: Artemiidae) from the Urmia Lake (west Azerbaijan, Iran). *Journal of Animal and Veterinary Advances*, **6** (12): 1409-1415.
- Asem, A., Sun, S., 2014.** Biometric Characterisation of Chinese parthenogenetic *Artemia* (Crustaceae: Anostraca) cysts, focusing on its relationship with ploidy and habitat altitude. *North-Western Journal of Zoology*.**10** (x): online- first.
- Aydin, R. and Koprucu, K., 2005.** Acute toxicity of diazinon on the common carp (*Cyprinus carpio*) embryos and larvae. *Pesticide Biochemistry and Physiology*, **82** (3): 220 – 225.
- Baid, I. C., 1958.** Occurrence of *Artemia salina* in Sambhar lake, Rajasthan. *Curr. Sci.*, **27**(2) : 58 – 59.
- Barahona. M.V., Sanchez. Fortun. S 1999.** Toxicity of carbamates to the brine shrimp *Artemia Salina* and the effect of atropine, BW. 284c51, iso-OMPH and 2-PAM on carbaryl toxicity. *Env. Pollut.* **104**: 469-476.
- Basbug, Y., Demirkalp, F.Y., 1997.** A note on the brine shrimp *Artemia* in Tuz Lake (Turkey). *Hydrobiology*. **353**: 45 – 51.

- Baxevanis, A.D., Triantaphyllidis, G.V., Kappas, I., Triantafyllidis, A., Triantaphyllidis, C.D., Abatzopoulos, T.J., 2005.** Evolutionary assessment of *Artemia tibetiana* (Crustacea, Anostraca) based on morphometry and 16S rRNA, RELP analysis. *J. Zool. Syst. Evol. Res.* 43, 189-198.
- Beattie, K.A., Ressler, J., Wiegand, C., Krause, E., Codd, G.A., Steinberg, C.E.W., Pflugmacher, S., 2003.** Comparative effects and metabolism of two microcystins and nodularin in the brine shrimp *Artemia salina*. *Aquatic Toxicology*. 62: 219-226.
- Beketov, M.A., and Liess, M., 2012.** Ecotoxicology and macroecology –Time for integration. *Environmental Pollution*. 162: 247-254.
- Ben Naceur, H., Ben Rejeb, J. A., El Cafsi, M., and Romdhane, M.S., 2008.** Determination of biological characteristics of *Artemia salina* (Crustacea : Anostraca) population from Sabkhet Sijoumi (N E Tunisia). *Trasit.Waters Bull.* 3 : 65-74.
- Ben Naceur, H., Ben Rejeb, J.A., Romdhane, M.S., 2012a.** Quality characterization of cysts of the brine shrimp *Artemia salina* from Tunisia focusing on their potential use in aquaculture. *Journal of Biological Research. Thessaloniki.* 17: 16-25.
- Ben Naceur, H., Ben Rejeb, J.A., Romdhane, M.S., 2012b.** Review of the biogeography of *Artemia* Leach, 1819 (crustacea: Anostraca) in Tunisia. *International Journal of Artemia Biology.*2: 24-39.
- Benova, K., Dvorak, P., Falis, M. and Danova.D.,2006.** Elimination of Negative effects of cadmium in *Artemia franciscana* by exposure to ionizing radiation. *Folia Veterinaria.* Vol. 50 (3): 21-22.
- Bentzen, T.W., Follman, E.H., Amstrup, S.C., York, G.S., Woller, M.J., Muir, D.C.G., O’Hara, T.M., 2008.** Dietary biomagnifications of organochlorine contaminations in Alaskan polar bears. *Canadian. J. Zool.* 8: 177-191.
- Berkowitz,G.S., Wetmur,J.G., Birman-Deych,E., obel, J., Lapinski,R.H., and Godbold,J.H., 2004.** In utero pesticide exposure maternal paraoxonase activity, and head circumference. *Environ Health Perspect.* 112 (3): 388-391.

- Bhargava, S. C., 1984.** Ecology and productivity of salt lakes of Rajasthan desert and culturing of brine shrimp *Artemia* for Aquaculture. In : Ann. Rep., MAB projects, Dept. Environ., Govt. of India, New Delhi, India, 86 – 91.
- Bhat, B. V., 1995.** *Artemia*. In : Handbook on Aquafarming, Live Feed. The Marine Products Export Development Authority, MPEDA House, Kochi, India, 17 – 29.
- Bhattacharya, A., Barik, S. R. and Ganguly, P., 2009.** New Pesticide molecules, formulation technology and uses: present status and future challenges, *Journal of Plant Protection Science* **1** (1): 9 – 15.
- Blaise, C., 1998.** Microbiotesting: An Expanding Field in Aquatic Toxicology. *Ecotoxicology and Environmental Safety* **40**: 115-119
- Boroughs, H.; Townsley, S.J. & Ego, W. 1958.** The Accumulation of Y90 from an Equilibrium Mixture of Sr90 – Y90 by *Artemia salina*. (L), Vol.3, No.4, pp. 413-317.
- Bortleson G, Davis D. 1987–1995. U.S. Geological Survey & Washington State Department of Ecology. Pesticides in selected small streams in the Puget Sound Basin; pp. 1–4
- Bowen, S. T., Durkin, J. P., Sterling, G. and Clark, L. S., 1978.** *Artemia* haemoglobins : genetic variation in parthenogenetic and zygogenetic populations. *Biologica Bulletin*, **155** : 273 – 287.
- Bradman, A., Whitaker, D., Quiros, L., Castorina, R., Claus Henn, B., Nishoka, M., 2007.** Pesticides and their metabolites in the homes and urine of farm workers children living in the **Salina** Valley, C.A. *J. Expo. Sci. Environ. Epidemiol.* **17**: 331-349.
- Brandenberger, Hans, Maes and Robert, A. A., 1997.** Analytical toxicology: for clinical forensic and pharmaceutical chemists. Berlin : Walter de Gruyter, 243.
- Brix, K.V., Cardwell, R.D., Adams, W.J., 2003.** Chronic toxicity of arsenic to the Great Salt Lake brine shrimp, *Artemia franciscana*. *Ecotoxicology and Environmental Safety* **54**: 169-175

- Brix, K.V.; Gerdes, R.M.; Adams, W.J. & Grosell, J. (2006).** Effects of Copper, Cadmium, and Zinc on the hatching success of brine shrimp (*Artemia franciscana*). *Archives of Environmental Contamination and Toxicology*. Vol.51, No.4, (November 2006), pp. 580-583, ISSN 0090-4341.
- Brochet, A.L., Gauthier. Clerc, M., Guillemain, M., Fritz, H., Waterkeyn, A., Baltanas, Green, A.J.2010.** Field evidence of dispersal of branchiopods, ostracods and bryozoans by teal (*Anascrecca*) in the Camargue (Southern France). *Hydrobiologia*. 637: 255-261.
- Brouwer, A., Longnecker. M.P., Birnbaum. L.S., Cogliano, J., Kostyniak, P., Moore, T., Schantz, S., and Winneke. G. 1999.** Characterization of potential endocrine related health effects at low dose levels of exposure to PCBs. *Environ. Health Perspect.* **107**: 639.
- Browne, R.A., Hoopes, C.W., 1990.** Genotype diversity and selection in asexual brine shrimp (*Artemia*). *Evolution*. **44**: 1035-1051.
- Browne, R.A., Wanigasekara, G., 2000.** Combined effects of salinity and temperature on survival and reproduction of five species of *Artemia*. *Journal of experimental marine biology and ecology*. **244**: 29-44.
- Buckley, J.D., Meadows, A.T., Kadin, M.E., Le Beau, M.M., Siegel, S.,and Robison, L.L., 2000.** Pesticide exposures in children with Non-Hodgkin Lymphoma. *Cancer*. **89** (11): 388-391.
- Bu-Olayan, A.H. and B.V.Thomas.2006.** Brine shrimp *Artemia franciscana* as a Tool to study Biocides Toxicity in Kuwait Bay, off the Arabian Gulf. *Journal Applied Science in Environmental Sanitation* Vol: **1**, 1-7
- Bu-Olayan, A.V and B.V. Thomas.2004.** Effects of trace metals, harmful algal blooms, nutrients and hydrological variables to mullet *Liza, klunzingeri* in Kuwait Bay. *Bio science Bio technology Research Asia*, **2** (1): 1-8
- Bustos-Obregon, E., Vargas, A., 2010.** Chronic toxicity bioassay with population of crustacean *Artemia salina* exposed to the organophosphate diazinon. *Biol. Res.* **43**: 357-362.

- Bustos-Obregon, E., Vargas, A., 2010.** Chronic toxicity bioassay with population of crustacean *Artemia salina* exposed to the organophosphate diazinon. *Biol. Res.***43**: 357-362.
- Caceres, A., Lopez, B., Gonzalez, S., Berger, I., Tada, I., Maki, J., 1998.** Plants used in Guatemala for the treatment of protozoal infections. Screening of activity to bacteria, fungi and American Trypanosomes of 13 Native plants. *Journal of Ethnopharmacology*, Vol.62 (3): 195-202.
- Cai, Y., 1987.** Observations on parthenogenetic and bisexual brine shrimp from the People's Republic of China. In: Sorgeloos, P., Bengtson, D.A., Decler, W., Jaspers, E (Eds), *Artemia research its Application*. Vol. 1. Morphology, genetics, Strain characterization, Toxicology. Universa press, Wetteren, Belgium, pp. 227-232.
- Camargo WN, Duran GC, Rada OC, Hernandez LC, Linero JC, Muelle IM, Sorgeloos P, 2005.** Determination of biological and physicochemical parameters of *Artemia franciscana* strains in hypersaline environments for aquaculture in the Colombian Caribbean. *Saline Syst.*1: 1–11.
- Camargo, W.N., Ely, J.S., and Sorgeloos, P., 2003.** Morphometric characterization of thalassohaline *Artemia franciscana* populations from the Colombian Caribbean. *J. Biogeo.* **30**: 697-702.
- Carballo, J.L., Hernández-Inda, Z.L., Pérez, P., García-Gra'valos, M.D., 2002.** A comparison between two brine shrimp assays to detect in vitro cytotoxicity in marine natural products. *BMC Biotechnology* 2, 17
- Castro, B.T., Gajardo, G., Castro, J.M., Castro, G.M., 2006.** A biometric and ecologic comparison between *Artemia* from Mexico and Chile. *Saline System.* **2** : 13
- Chakraborty, P., Zhang, G., Li, J., Xu, Y., Liu, X., Tanabe, S. and Jones, K.C., 2010.** Selected organochlorine pesticides in the atmosphere of major Indian cities: levels, regional versus local variations and sources. *Environmental Contamination and Toxicology.* 66: 171-177.
- Chawla, R. P., Sharada, V. M. , Jodia, B. S. and Karla, R. L. 1977.** A survey of Residues of organochlorine insecticides in biopsy of human fat samples. Punjab Agricultural University, Ludhiana, India.

- Chowdhury, A.Z., Banik, S., Uddin, B., Moniruzzaman, M., Karim, N., and Gan, S.H., 2012.** Organophosphorus and carbamate pesticide residues detected in water samples collected from paddy and vegetable fields of the Savar and Dhamrai Upazilas in Bangladesh. *Int.J. Environ.Res. Public Health.* **9**: 3318-3329.
- Claus.C., Benjits. F., and sorgeloos. P. 1977.** Comparative study of different geographical populations of the brine shrimp, *Artemia salina*. IN. Jaspers (Ed.) fundamental and applied research on the brine shrimp publication No.:2. *European Mariculture society*, Bredene, Belgium: 91-105.
- Clegg J S and Trotman, C N A 2002.** Physiological and biochemical aspects of *Artemia* ecology; in *Artemia: Basic and appliedbiology* (eds) The J Abatzopoulos, J A Beardmore, J S Clegg and P Sorgeloos (Dordrecht: Kluwer Academic Publishers) pp 129–170.
- Clegg, J.S.2005.** Desiccation tolerance in encysted embryos of the animal extremophile. *Artemia*, Integrative and comparative Biology. 45: 715-724.
- COHEN, R. G., AMAT, F., HONTORIA, F. AND NAVARRO, J. C. 1999.** Preliminary characterization of some Argentinean *Artemia* populations from La Pampa and Buenos Aires provinces. *Int. J. Salt Lake Res.*, **8**: 329-340.
- Cooper, J. and Dobson, H. 2007.** The benefits of pesticides to mankind and the environment. *J. Cropro*
- Corner, E.D.S., and Sparrow, B.W., 1956.** The modes of action of toxic agents.I.Observations on the poisoning of certain crustaceans by copper and mercury. *J. Mar. Biol. Assoc.* UK **35**: 531-548.
- Corner, E.D.S., and Sparrow, B.W., 1957.** The modes of action of toxic agents. II. Factors influencing the toxicities of mercury compounds to certain crustacean. *J. Mar. Biol. Assoc.* UK **36**: 459-472.
- Crisinel, A., Delaunay, L., Rossel, D., Tarradellas, J., Meyer, H., Saiah, H., Vogel, P., Delise, C., Blaise, C., Hansen, P.d., 1994.** Cyst-based ecotoxicity tests using Anostraceans: Comparison of two species of *Streptocephalus*. *Environmental Toxicology and water quality.* **9**: 317.

- Crisp, T.M., Clegg, E.D., cooper. R.L., Wood. W.P., Anderson, D.G., Bacteke , K.P., Hoffmann, J.L., Marrow, M.S., Rodier, D.J., Schaeffer, J.E., Touart, L.W., Zeeman, M.G., and Patel, Y.M. 1998.** Environmental endocrine disruption: An effects assessment and analysis. *Environ. Health Perspect*, **106**:11.
- Cunningham, P., 1976.** Effects of Dimilin (TH 6040) on reproduction in the brine shrimp *Artemia salina*. *Environ. Entomol.* 5(4): 701-706.
- Cunningham, P., Grosch, D., 1978.** A Comparative study of the effects of mercuric chloride and methyl mercury Chloride on reproductive performance in the brine Shrimp, *Artemia salina*. *Environ. Pollut.* **15**: 83-99.
- Daniels,J.L., Olshan, A.F., Teschke,K., Hertz-Picciotto,I., Savitz, D.A., and Blatt, J., 2001.** Residential pesticide exposure and neuroblastoma. *Epidemiology.* **12** (1): 20-27.
- Day, K.E. 1989.** Acute, Chronic and sublethal effects of synthetic pyrethroids on freshwater zooplankton. *Environmental Toxicology and Chemistry* 8:411-416.
- De Lorenzo, M. E., Taylor, L. A., Lund, S. A.,Pennington P. L., Strozier, E. D. and Fulton, M. H. 2002.** Toxicity and bioconcentration potential of the agricultural esticide endosulfan in phytoplankton and zooplankton. *Arch. Environ. Contam. Toxicol.*, 42: 173-181.
- Decler W, Moens L, Slegers H, Sorgeloos P and Jaspers E 1987.** Artemia research and its applications vol. 2 (Wetteren: Universa Press) pp 1–541
- Dey, M. and Gupta, A., 2002.** Acute toxicity of energy on three anuran tadpoles. *J. Ecotoxicol. Environ. Monit.*, **12**(1) : 61 – 65.
- Dhanaraj. A. Patil and Ravasaheb. J. Katti. 2012.** Modern Agriculture, pesticides and human health. A case of agricultural labourers in western Maharashtra. *Journal of Rural Development.* Vol.31. No (3) PP: 305-318.
- Dobbeleir, J., Adam, N., Bossyut, E., Bruggeman, E., Sorgeloos, P., 1980.** New aspects of the use of inert diets for high density culturing of brine shrimp *Artemia*. In: The brine shrimp *Artemia*, Vol.3. Persoone, G., Sorgeloos, P., Roels, O., Jaspers, E., (Eds.). Universa Press, Wetteren, Belgium, pp. 168-174.

- Dodson, S. and Frey, D. 2001.** Cladoceran and Other Branchiopoda In: Ecology and Classification of North American Freshwater Invertebrates. Chap: 20, 723-776. James, Thorp and Covich. (eds). Academic Press.
- Douillet, P., 1987.** Effect of bacteria on the nutrition of the brine shrimp *Artemia* fed on dried diets. In: The brine shrimp *Artemia*, Vol.3. Persoone, G., Sorgeloos, P., Roels, O., Jaspers, E., (Eds.). Ecology, culturing use in aquaculture. Universa Press, Wetteren, Belgium, pp. 295-307
- Dung, N. H. and Dung, T. T. T. 1999.** Economic and Health Consequences of pesticide use in paddy production in the Mekong Delta, Vietnam, EEP. SEA, Research Report Series, IDRC, Singapore.
- Dvorak, P., Sucman, E., Benova, K., 2005.** The Development of a Ten-day Bio-test using *Artemia salina* Nauplii. *Biologia*, Vol. **60**, (5) : 593-597.
- Dvorak, P., Benova, K. and Vitek, J., 2012.** Alternative biotest on *Artemia franciscana*. *J. Ecotoxicol Environ. Safe.* 51-74
- Eads BD: Book Review, Artemia: Basic and Applied Biology, 2002.** In *Journal of Experimental Biology* Edited by: Abatzopoulos ThJ, Beardmore JA, Clegg JS, Sorgeloos P. 2004., **207**(11):
- Eamkamon, T., Sirawut Klinbunga, Kumthorn Thirakhupt, Piamsak Menasveta and Narongsak Puanglarp. 2012.** Acute Toxicity and Neurotoxicity of Chlorpyrifos in Black Tiger Shrimp, *Penaeus monodon*. *Environment Asia* 5(1):26-31.
- Easter, S.S. & Hutchinson, F. (1961).** Effects of Radiations of Different LET on *Artemia* Eggs. *Radiation Research*, Vol.15, No.3, pp. 333-340, ISSN 0033-7587
- Ecobichon, D. J., 1996.** Toxic effects of pesticides. In : Casarette and Doull's Toxicology : The basic science of poisons. Klaassen, C. D., Amdur, M. O., Doull, J. (eds.). McGraw-Hill, Health Professions Division, New York, 643 – 690.
- EJF, 2003.** What's your poison. Health threats posed by pesticides in developing countries. Environmental Justice Foundation, London, UK.

- El-Bermawi, N., Baxevanis, A. D., Abatzopoulos, T.J., 2004.** Salinity effects on Survival , growth and morphometry of four Egyptian *Artemia* populations (International Study on *Artemia* LXVII). *Hydrobiologia*, 523: 175-188.
- El-Bermawi. N., A.D. Baxevanis., T.J. Abatzopouloa. T.J and sorgeloos. P. 2003.** Salinity effects of maturation, reproductive and life span characteristics of four Egyptian *Artemia* populations (International study on *Artemia* (LXVIII). *Hydrobiologia*. **513**: 87-100.
- Environews forum. Killer environment. 1999.** *Environ.Health perspect.* **107**: A 62.
- Ezemonye, L. I. N. and Ilechi, T. 2007.** Acute and chronic effects of organophosphate pesticides (Basudin) to amphibian tad poles (*Ptychadena bibroni*). *African Journal of Biotechnology*, **6** (13): 1554 – 1558.
- Finney, D., 1971.** Probit Analysis. 3rd edition. Cambridge University Press, Cambridge.
- Fishel, F. M., 2005.** Pesticide toxicity profile. Synthetic pyrethroid pesticides. Agronomy Department, Florida Co-operative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, Report, 1 – 54.
- Fitzgerald, E., Hwang, S.A., Deres, D.A., Bush, B., Coe, K., Worswick, P., 2001.** The association between local fish consumption and DDE, mirex and HCB concentrations in the breast milk of Mohawk women at Akwesansé. *J. Exposure Anal. Environ. Epidemiol.* **11**: 381-388.
- Flower, J., Cohen, L. and Jarvis, P., 1998.** Practical statistics for field biology. 2nd Edn. John Wiley and Sons.
- Flower, K.B., Hoppin, J.A., Lynch, C.F., Blair, A., Knott, C., and Shore, D.L.,2004.** Cancer risk and parental pesticide application in Children of Agricultural Health Study participants. *Environ Health Perspect.* **112** (5): 631-635.
- Forget, G. 1993.** Balancing the need for pesticides with the risk to human health in developing countries (eds). G. Forget, T. Goodman and A. de villers, IDRC, Ottawa, 2.

- Gajardo, G., Colihueque, N., Parraguez, M., Sorgeloos, P., 1998.** International study on *Artemia*. LVIII. Morphologic differentiation and reproductive isolation of *Artemia* population from South America. *Int.J. Salt Lake Res.* **1** : 133-151.
- Gartenstein S, Quinnell RG, Larkum AWD. 2006.** Toxicity effects of diflubenzuron, cypermethrin and diazinon on the development of *Artemia salina* and *Heliocidaris tuberculata*. *Australasian Journal of Ecotoxicology* 12: 83-90.
- Gattuso, D. 2000.** Understanding the benefits of pesticides. *Consum. Res. Mag.* **83** (2): 34.
- George-Ares, A., Febbo, E. J., Letinski, D. J., Yarusinsky, J., Safadi, R. S. and Aita, A. F., 2003.** Use of brine shrimp (*Artemia*) in dispersant toxicity tests : Some caveats. In : Proceedings of international oil spill conference.
- Gianessi and Leonard. 1999.** Beneficial impact of pesticides use for consumers. In: Ragsdale, N., Seiber, J. (Eds). *Pesticides: Managing Risks and Optimizing Benefits*. American Chemical Society Symposium Series # 734. American chemical society. Washington, DC, United States of America. P 207.
- Gilchrist BM. 1960.** Growth and form of the brine shrimp *Artemia salina* (L.). *Proc. Zool. Soc. Lond.* **134**: 221-235
- Green, A.J., Frisch, D., Michot, T.C., Allain, L.K., Barrow, W.C. 2013.** Endozoochory of seeds and invertebrates by migratory water birds in Oklahoma, USA. *Limnetica.* 32: 39-46.
- Green, A.J., Sanchez, M.I., Amat, F., Figuerola, J., Hontoria, F., Ruiz, O., Hortas, F., 2005.** Dispersal of invasive and native brine shrimps *Artemia* (Anostraca) via water birds. *Limnology and Oceanography.* **50** : 737-742.
- Grosch, D., 1973.** Reproduction tests: The toxicity of derivatives from non - persistent pesticides. *Biol. Bull.* **145**: 340-351.
- Grosch, D., 1977.** Poisoning with DDT. Second and third year reproductive performance of *Artemia*. *Bio. Science.* **20**: 913.

- Guerra, R., 2001.** Ecotoxicological and chemical evaluation of phenolic compounds in industrial effluents. *Chemosphere*, **44** : 1737.
- Gunther, R. T. 1980.** Contribution to the natural history of Lake Urmia, N.W. Persia and its neighbourhood. Transcript of Linnean Society London 27: 345-453.
- Gupta, A. 2008.** Impact of pesticides on Human Ecosystem Health: Scientific, Ethical and policy issues. In: Proceedings of National Seminar on toxicity of chemicals and their hazards with special reference to heavy metals. 61 – 72.
- Gupta, P. 2004.** Pesticide Exposure – Indian Scene, *Toxicology*, **198** (1 – 3): 83.
- Gurushankara, H. P., Krishnamurthy, S. V. And Vasudev, V., 2007.** Effect of malathion on survival growth and food consumption of Indian cricket frog (*Limnonectes limnocharis*) tadpoles. *Arch. Environ. Contamin. Toxicol.*, **52**(2) : 251 – 256.
- Hadjispyrou, S., Kungolos, A., Anagnostopoulos, A., 2001.** Toxicity, bioaccumulation, and Interactive Effects of Organotin, Cadmium, and Chromium on *Artemia franciscana*. *Ecotoxicology and Environmental Safety* **49**, 179-186
- Hagmar, L., Rylander, L., Dyremark, E., Klasson-Wehler, E., Erfurth, E.M., 2001.** Plasma concentration of persistent organochlorine in relation of thyrotropin and thyroid hormone levels in women. *Int. Arch. Occup. Environ. Health*. **74** : 184-188.
- Handy, R.D. 1940:** Intermittent exposure to aquatic pollutants: Assessment, toxicity and sub lethal responses in fish and invertebrates. *Comp. Bio chem. Physics*: **107** (2): 171-184.
- Harwich, J., and Scott, P.M., 1971.** Brine shrimp (*Artemia salina* L.) larvae as a screening system for fungal toxins. *Appl. Microbiol.* **21**: 1011-1016.
- Hayes, W. J. Jr. and Laws, E. R. Jr. (Eds). 1991.** Classes of pesticides. In: Handbook of pesticide toxicology. Vol. **2**. Academic Press Inc., San Diego: 771.

- Hellou, J., 2011.** Behavioural Ecotoxicology, an Early Warning signal to assess Environmental Quality. *Environ Sci Pollut Res.* **18**: 1-11.
- Heong, K.L., Escalada, M. M. and Lazaro, A. A. 1995.** Misuse of pesticides among rice farmers in Philippines. In: P. L. Pingali and Roger, P. A. (Eds.) , Impact of pesticides on farmer health and the rice environment. Norwell Massachusetts and Los Banos, Laguna, Philippines and IRRI.
- Hii, Y. S., Lee, M. Y. and Chuah, T. S. 2007.** Acute toxicity of organochlorine insecticide endosulfan and its effect on behaviour and some haematological parameters of Asian Swamp eel (*Monopterus albus*, Zuiew). *Pesticide Biochemistry and Physiology*, **89** (1): 46 – 53.
- Hong, S. H., Yim, U. H., Shim, W. J., Oh, J. R., Viet, P. H. and Park, P. S., 2008.** Persistent organochlorine residues in estuarine and marine sediments from Ha Long Bay, Hai Phong Bay and Ba Lat estuary, Vietnam. *Chemosphere*, **72** : 1193 – 1202.
- Hontoria ,F., and Amat, F., 1992a.** Morphological characterization of adult *Artemia* (crustaceae, Brnchiopoda) from different geographical origin. American Population. *J. Plank. Res.*, **14** (7): 949-959.
- Hontoria, F., and Amat, F., 1992b.** Morphological characterization of adult *Artemia* (Crustacea, Branchiopoda) from different geographical origin. American Populations. *J. Plank. Res.*, **14**(10) : 1461 – 1471.
- Hood, D.W., 1960.** Measurement of toxicity of organic wastes to marine organisms. *J. Water Pollut. Cont. Fed.* **32**: 982.
- Hu, W., Wang, T., Khim, J. S., Luo, W., Jiao, W., Lu, Y., Laile, J. E., Chen, C., Zang, X., Giesy, J. P., 2010.** HCH and DDT in sediment from marine and adjacent riverine areas of North Bohai sea, China. *Arch. Environ. Cont. Toxicol.* Doi :10/1007/a00244-009-9455z.
- Huang, J., Qiao, F., Zang, L. and Rozelle, S. 2001.** Farm pesticides. Rice production and Human Health in China. Research Report. Singapore Economy and Environment Programme for South east Asia. 56

- Hurley, P.M., Hill, R.N. and Whiting, R.J. 1998.** Mode of carcinogenic action of pesticides inducing thyroid follicular cell tumours in rodents. *Environ. Health perspect.* **106**:437.
- IAEA, 1982.** International Agricultural Exchange Association. Canada.
- Iannacone, J. O., Onofre, R. C., Huanqui, O. S., Jirald, J. A., Mamani, N. P., Miglio, M. C. T. and Alvarino, L. F. 2007.** Environmental risk assessment of the insecticide metamidophos in bioassays with four non – targeted aquatic organisms. *Agricultura tecnica (chile)* **67** (2): 126 – 138.
- Igbedioh, S. O. 1991.** Effect of agricultural pesticides humans, animals and higher plants in developing countries. *Arch. Environ. Health.* **46**: 218.
- Imelda F. Pagulayan, gloria I. Enriquez and Virginia S.1992.** Caring Effects of Carbofuran On The Reproductive Capacity of A Freshwater Snail, Radix Quadrasi, Under Laboratory Conditions Biotropia No. 5: 26-40.
- Ivanovskii, Y. A., Mitrofanov, Y. A., and Chaga, I. L. 1981.** Hatching of Nauplii of *Artemia salina* at different Salinity and Temperature regimes. *Ecology*: p. 202-07. Academic of Science of the USSR, Plenum Publishing Corporation.
- Jake, B., Orjala, J., Burji, H.R., Sticher, O., 1999.** Biological screening of cyanobacteria for antimicrobial and molluscicidal activity, *brine shrimp* lethality and cytotoxicity. *Pharm. Biol.* **37**: 138-143.
- Jeyaratnam, J. 1985.** Health problems of pesticide usage in the third world. *British Medical Journal*, **42**: 505.
- Johansson, M., Piha, H., Kylin, H. and Merila, J. 2006.** Toxicity of six pesticides to common frog (*Rana temporaria*) tad ples. *Environmental Toxicology and Chemistry*, **25** (12): 3164 – 3170.
- John, C.J.A., Abatzopoulos, T.J., Marian, P.M., 2004.** Characterization of a new parthenogenetic *Artemia* population from Thamaraiikulam India. *J.Biol.Res.* **2**: 63-74.

- Johns, D.M., Peters, M.E., Beck, A.D., 1980.** International study on *Artemia*. IV. Nutritional value of geographical and temporal strains of *Artemia*: effects on survival and growth of two species of brachyuran larvae. In: Persoone, G., Sorgeloos, P., Roels, O.A., Jaspers, E (Eds). *The brine shrimp Artemia: Ecology, culture, use in aquaculture*. Universa press. Wetteren, Belgium. 3: 291-304.
- Johnson, K. R., Jepson, P. C. and Jenkins, J. J. (2008).** Esfenvalerate- induced case abandonment in the larvae of the caddisfly (*Brachycentrus americanus*). *Environmental Toxicology and Chemistry* 27, 397-403.
- Jurewicz, J., Hanke, W., 2008.** Prenatal and childhood exposure to pesticides and neurobehavioural development : review of epidemiological studies. *Int. J. Occup. Med. Environ. Health*. **21**: 121-132.
- Kadaria, U., Damayanthi, A., Mangkoedihardjo, S., 2012.** Toxicity of wastewater from oil and filleting industries towards *Artemia* in Munar of Indonesia. *J. Appl. Environ. Biol. Sci.* **2**(7): 336-341.
- Kannan, K., Tanabe, S., Ramesh. A., Subramanian A.N, Tatsukawa. R. 1992.** Persistent Organochlorine residues in food stuffs from India and their implications on human dietary exposure. *J. Agri. Food. Chem.* **40**: 518-524.
- Kapanen, A., Ita'vaara, M., 2001.** Ecotoxicity Tests for Compost Applications. *Ecotoxicology and Environmental Safety* 49: 1-16.
- Kappas I, Abatzopoulos TJ, Hoa NV, Sorgeloos P, Beardmore JA, 2004.** Genetic and reproductive differentiation of *Artemia franciscana* in a new environment. *Marine biology*, **146**: 103-117.
- Kara, M.H., Bengraine, K.A., Derbal, F., Chaoui, L., Amarouayache, M., 2004.** Quality evaluation of new strain of *Artemia* from Chott Marouane (Northeast Algeria). *Aquaculture*. **235**: 361-369.
- Kara, M.H., Bengraine, K.A., Derbal, F., Chaoui, L., Amarouayache, M., 2004.** Quality evaluation of new strain of *Artemia* from Chott Marouane (Northeast Algeria). *Aquaculture*. **235**: 361-369.

- Karunakaran.C.O.1958.** The Kerala food poisoning *J. Indian med. Assoc.* **31**:204.
- Kellogg, V.A., 1906.** A new Artemia and its life condition. *Science* 24, 594-596
- Kersetter, H.W., Schaffer, D.J., 1983.** Brine shrimp (*Artemia Salina*) nauplii as a teratogen test system. *Ecotoxicol. Env. Safety.* **7**: 435-446.
- Key PB, Fulton MH. 2006.** Correlation between 96-h mortality and 24-h acetylcholinesterase inhibition in three grass shrimp larval life stages. *Ecotoxicology and Environmental Safety.* **63**: 389-92
- Khana, Z. M. and Law, E. C. P. 2005.** Adverse effects of pesticides and related chemicals on enzyme and hormone systems of fish, amphibians and reptiles: a review. *Proc. Pakistan Acad. Sci.* **42** (4): 315 – 323.
- Kim, Y., Jung, T., Oh, S. and Choi, K. 2008.** Aquatic toxicity of cartap and cypermethrin to different life stages of *Daphnia magna* and *Oryzias latipes*. *Journal of Environmental Science and Health. Part B,* **43** (1): 56 – 64.
- Kinghorn, A. D.; Haarjes, K.K. & Doorenbos, N.J. 1977.** Screening Procedure for Phorbol Esters using Brine Shrimp (*Artemia salina*) Larvae. *Journal of Pharmaceutical Sciences,* Vol.66: No.9, pp. 1362-1363.
- Knulst, J., Sodergren, A., 1994.** Occurrence and Toxicity of Persistent Pollutants in Surface Microlayers Near an Incineration Plant. *Chemosphere* 29: 1339-1347.
- Kole, R. K., Banerjee, H., Bhattacharyya, A., Chowdhury, A. and Aditya Chaudhury, N., 1999.** Photo transformation of some pesticides. *J. Ind. Chem. Soc.,* **76** : 595 – 600.
- Kole, R.K., Banerjee,H., Bhattacharyya,A., 2002.** Monitoring of pesticide residues in farm gate vegetable samples in West Bengal. *Pest Res. J.* **14** (1) : 77-82.
- Koprucu, K. and Aydin, R. 2004.** The toxic effects of pyrethroid deltamethrin on the common carp (*Cyprinus carpio* L) embryos and larvae. *Pesticide Biochemistry and Physiology,* **80** (1): 47 -53.

- Krishnaraju, A. V., Rao, T. V. N., Sundararaju, D., Vanisree, M., Hsin-Sheng and Subbaraju, G. V., 2005.** Assessment of bioactivity of Indian medicinal plants using brine shrimp (*Artemia salina*) lethality assay. *Intl. J. Appl. Sci. Engg.*, **3**(2) : 125 – 134.
- Kulkarni, C. V., 1953.** Occurrence of brine shrimp *Artemia* sp. in Bombay. *J. Bombay Nat. Hist. Soc.*, **51** : 951 – 952.
- Kumar, A., R. Correll, et al. (2010).** Toxicity of selected pesticides to freshwater shrimp, *Paratya australiensis* (Decapoda: Atyidae): use of time series acute toxicity data to predict chronic lethality. *Ecotoxicol Environ Saf* **73**(3): 360-369
- Lahr, J. 1997.** Ecotoxicology of organisms adapted to life in temporary freshwater ponds in arid and semi-arid Regions. *Archives of Environmental Chemistry and Toxicology*.**32**: 50-57.
- Lahr, J., Diallo, A. O., Gadji, B., Diouf, P. S., Bedaux, J. J. M., Badji, A., Ndour, K. B., Andreasen, J. E. and Van Straalen, N. M., 2000.** Ecological effects of experimental insecticide applications on invertebrate in Sahelian temporary ponds. *Environ. Toxicol. Chem.*, **19** : 1278 – 1289.
- Lamaire, G.R., Terouanne, B.A., Mauvais, P., Michel, S., Rahman, R., 2004.** Effect of organochlorine pesticides on human androgen receptor activation *in vitro*. *Toxicology and Applied Pharmacology*. **196**: 235-246.
- Landrigan,P.J., Claudio,L., Markowitz, S.B., Berkowitz,G.S., Brenner, B.L., and Romero, H.,1999.** Pesticides and inner city children: exposures, risks and prevention. *Environ.Health Perspect*. **107** (3): 431-437.
- Lavens, P., Sorgeloos, P., 1996.** Manual on the production and use of live Food for aquaculture. FAO Fisheries Technical Paper No. 361: pp. 295 Le´ger, P., Bengtson, D.A., Simpson, K.L., Sorgeloos, P., 1986. The use and nutritional value of *Artemia* as a food source. *Oceanography and Marine Biology: An Annual Review* **24**: 521-623.
- Lawson, E.O. Ndimele, P.E. Jimoh, A.A. & Whenu, O.O. 2011.** Acute Toxicity of Lindane (Gamma Hexachloro-Cyclohexane) to African Catfish (*Clarias ariepinus*, Burchell, 1822). *International Journal of Animal and Veterinary Advances*, **3**(2): 63-68.

- Le'ger, P., Bengtson, D.A., Sorgeloos, P., Simpson, K.L., Beck, A.D., 1987a.** The nutritional value of *Artemia*: a review. In: Sorgeloos, P., Bengtson, D.A., Declair, W., Jaspers, E. (Eds.), *Artemia Research and its Applications. Ecology, Culturing, Use in Aquaculture*, vol. 3. Universa Press, Wetteren, Belgium, pp. 357-372.
- Lenz, P. 1987.** Ecological studies on *Artemia*, a review. In: Sorgeloos, P., Bengtson, D. A., Declair, W. and Jasper, E. (eds). *Artemia Research and its applications*. Vol. 3: 5-18 Universa Press, Wetteren, Belgium.
- Litvinenko LI, AV Kozlov, AI Kovalenko, DS Bauer. 2007.** Salinity of water as a factor to determine the development of the brine shrimp *Artemia* population in Siberian lakes. *Hydrobiologia* **576**: 95-101.
- Litvinenko LI, EG Boyko. 2008.** The morphological characteristics of *Artemia* shrimps from Siberian populations. *Inland Water Biol.* **1**: 37-45.
- Liu, Z., Zheng, M., Luo, J. 1998.** A study of *Artemia* in Lagkor Co. Tibet, I. Biological feature. *Journal of Lake Sciences* 10: 92-96.
- Lochhead, J. H. 1961.** Oviparity versus Ovoviviparity in the brine shrimp, *Artemia*. *Biol.Bull.*, 121, 396.
- Ma, L., Wang, Q., Wang, C., 2003.** Comparative studies on the biological characteristics of three *Artemia* strains from northwestern China. *Journal of Ocean University of Qingdao.* **33**: 865-870.
- Ma, L., Wang, W., 2003.** Comparison of the biological characteristics of two *Artemia* populations from Aqikekule Lake and Ga hai Lake. *Marine science.* **27**: 34-37.
- Mackeem, M.M., Ali, A.M., Lajis, N.H., Kawazu, K., Hassan, Z., Amaran, M., Habsah, M., Mooi, L.Y., Mohamed, S.M., 2000.** Antimicrobiol, antioxidant, antitumour - promoting and cytotoxic activities of different plant part extracts of *Garcinia atroviridis* Greff. Ex.T. Anders. *J. Ethnopharmacol.* **72**: 395-402.
- Mahfouz1,M.E., Mona M. El-Gamal, and Suzan M. Shraby1, 2013.** Morphology and anatomical structure of the larval salt gland of *Artemia tunisiana* under different salinities. *African Journal of Biotechnology.* **Vol. 12 (41): pp. 6032-6041.**

- Marcus, N. H. 1982.** Photoperiodic and temperature regulation of diapause in *Labidocera aestiva* (Copepoda: Calanoida). *Biol. Bull.* 162, 45
- Marcus, N. H. 1984.** Variation in the diapause response of *Labidocera aestiva* (Copepoda: Calanoida) from different latitudes and its importance in evolutionary process. *Biol. Bull.* 166, 127
- Marking, L.L. 1985.** Toxicity of chemical mixtures. In. Fundamentals of aquatic toxicology. G.M. Rand and SR Petrocelli, Eds. *Hemisphere publishing Co.*, New York. PP. 164-176.
- Martinez, M., Delramo, J., Torreblanca, A., Diaz-Mayans, J., 1998.** Effect of cadmium. Exposure on zinc levels in the brine shrimp *Artemia Parthenogenetica*. *Aquaculture*. **172**: 315-325.
- Martinez-Cabrillo, J. L. et al., 1991.** Responses of populations of the tobacco budworm (Lepidoptera : Noctuidae) from northwest Mexico to pyrethroids. *J. Econ. Entomol.*, **84**(2) : 363 – 366.
- Materna, E. J., Rabeni, C. F. and La Point. T. W. 1995.** Effects of synthetic pyrethroid insecticide, esfenvalerate on larval leopard frogs (*Rana* Spp.) *Environmental Toxicology and Chemistry*, **14** (4): 613 – 622.
- Mathur., S.C. (1999)** Future of Indian pesticides. Industry in next millennium. *Pesticide Information: XXIV* (4): 9-23.
- Maumbe, B. M and Sinton, M.S. 2003.** Hidden Health Costs of Pesticide use in Zimbabwe's Small Holder Cotton Growers. *Social Science and Medicine*, **57**: 1559 – 1571.
- Maund, S. J., Travis K Z, Hendley P, Giddings J M and Solomon K R. (2001).** Probabilistic risk assessment of cotton pyrethroids: V. Combining landscape-level exposures and ecotoxicological effects data to characterize risks. *Environmental Toxicology and Chemistry* 20, 687-692
- Mayer, B.N., Ferrigni, N.R., Putnam, J.E., Jacobsen, L.B., Nichols, D.E., McLaughlin, J.L., 1982.** Brine shrimp: A convenient general bioassay for active plant constituents. *Plant. Med.* **45**: 31-34.

- Mayorgo, P., Perez, K. R., Cruz, S. M. and Caceres, S., 2010.** Comparison of bioassays using the Anostracan, crustacean *Artemia salina* and *Thamnocephalus platyurus* for plant extract toxicity screening. *Revista Brasileira de Farmacognosia-Brazilian. Journal of Pharmacognosy*, **20**(6) : 897 – 903.
- McLaughlin, J.L., Chang, C.J., Smith, D.L., 1991.** Bench top bioassay for the discovery of bioactive natural products: an update. In: *Studies in natural products chemistry. Elsevier*: 383-409.
- Mejía, C.J. , Mejía,C.G., Bridi, R and Daiane de Oliveira Costa. 2013.** Salinity effects on the reproductive patterns of five coastal Pacific *Artemia franciscana* strains from Mexico. *International Journal of Science and Knowledge*. Vol. 2; No. 1; 26-33.
- Michael, A.S., Thompson, C.G., Abramovitz, M., 1956.** *Artemia salina* as test organism for bioassay. *Science*.**123**, 464.
- Migliore, L., Civitareale, C., Brambilla, G., Dojmi di Delupis, G., 1997.** Toxicity of Several Important Agricultural Antibiotics to *Artemia*. *Water Research* 31: 1801-1806.
- Migliore, L., Dojmi di Delupis, G., Capellaro, H., Brambilla, G., 1993.** Drugs in Aquaculture: Monitoring of Contamination and proposal for its Reduction by the use of *Artemia salina* (L.) in Lakes and Reservoirs. In: Giusani, G., Callieri, C. (Eds.), *Strategies for Lake Ecosystems Beyond 2000*. Griggi G.M., Baveno, Italy, pp. 291-294.
- Milhem, M.M., Al. Hiyasal, A.S., Darmani. H. 2008.** Toxicity testing of restorative dental materials using brine shrimp larvae (*Artemia salina*). *J. Appl. Oral sei.* 16(4): 297-301.
- Mirzaei, M., and Mirzaei, A., 2013.** Comparison of the *Artemia salina* and *Artemia uramiana* bioassays for toxicity of 4 Iranian medicinal plants. *Int.Res. J. Biological sci.* Vol. 2 (3): 49-54.
- Moiseenko, T.I., 2008.** Aquatic Ecotoxicology: Theoretical Principles and Practical Application. *Water Resources*. **35** (5): 530-541.

- Munoz,J., Amat, F., Green, A.J., Figuerola, J., Gomez, A., 2013.** Bird migratory flyways influence the phylogeography of invasive brine shrimp *Artemia franciscana* in its native American range. *Peerj*.200.
- Mura, G., Kappas, I., Baxevanis, A. D., Moscatello, S., Damico, Q., Lopez, G. M., Hontoria, F., Amat, F. and Abatzopoulos, T. J., 2006.** Morphological and molecular data reveal the presence of invasive *Artemia franciscana* in Margherita di savoia (Italy). *Intl. Rev. Hydrobiol.*, 9 : 539 – 554.
- Mwevura Haji, Othman C. Othman and George L. Mhehe 2002.** Organochlorine Pesticide Residues in Edible Biota from theCoastal Area of Dares Salaam City Western Indian Ocean. *J. Mar. Sci.* Vol. 1: No. 1, pp. 91–96.
- Mynott, Adam, 2008.** Insecticide killing Kenya lions, 18th June, BBC News.
- Naegel, L.C.A., 1999.** Controlled production of *Artemia* biomass using an inert commercial diet compared with the microalgae *Chaetoceros*. *Aquacultural Engineering* 21: 49-59.
- Nalecz-Jawecki, G., Grabinska-Sota, E. and Narkiewicz, P., 2003.** The toxicity of cationic surfactants in four bioassays. *Ecotoxicology and environmental safety*, 54(1) : 89 9 – 91.
- Navid Hosseini Mansoub Ali Asghar Tehrani ,Goodarz Sadeghi ,Zahra Badamchi ,Sonia Sanajou. and Afsaneh Azhari.2011.** Effect of Carbamates Pesticide on Instar I-II larvae and Adult *Artemia urumiana*. *Annals of Biological Research*, 2 (3): 515-525.
- Nipper, M., 2000.** Current approaches and future directions for contaminant related impact assessments in coastal environments: Brazilian perspective. *Aquatic Ecosystem Health and Management* 3: 433-447.
- Nirula, S.A. and Upadhyay, K.M. 2010.** Strategy in turbulent environment: A case study of Indian domestic company. *Am. J. Ecol. Bus. Admin.*, 2 (2): 160 – 168.
- Nunes, B.S., Carvalho, F.D., Guilhermino, L.M., VanStappen, G., 2006.** Use of genus *Artemia* in Ecotoxicity testing. *Environmental Pollution*. 144: 453-462.

- OCFP, 2004.** The Ontario College of Family Physicians. 2004. Pesticides Literature Review,. www.ocfp.on.ca.
- Ogugu, S.E., Kehinde, A.K., James, B.I., Paul,D.K., 2012.** Assesment of cytotoxic effects of methanol extract of *Calliandra portoricensis* using brine shrimp (*Artemia salina*) lethality bioassay. G.J.B.B., Vol. 1(2): 257-260.
- Okamura, H., Aoyama, I., Liu, D., Maguire, R. J., Pancevicius, G. J. and Lau, Y. L., 2000.** Fate and ecotoxicity of the new antifouling compounds Irgarol 1051 in the aquatic environment. *Water Research*, 34(14) : 3523 – 3530.
- Oliveira-Filha, E.C. & Paumgarten, F.J.R. 2000.** Toxicity of Euphorbia milii Latex and Niclosamide to Snails and Nontarget Aquatic Species. *Ecotoxicology and Environmental Safety*, Vol.46: No.3, pp. 342-350.
- Omitoyin B. O; Ajani E. K; Adesina B. T; Okuagu C. N. F. 2006.** Toxicity of lindane (Gamma Hexachloro-Cyclohexane) to *Clarius garippinus*. International Digital Organization for Scientific Information, 1(1), 57-63.
- Palmquist, K., Johanna Salatas and Anne Fairbrother 2012.** Pyrethroid Insecticides: Use, Environmental Fate, and Ecotoxicology. *Agricultural and Biological Sciences » "Insecticides - Advances in Integrated Pest Management"*, book edited by Farzana Perveen, ISBN 978-953-307-780-2, Published: January 5, 2012 under CC BY 3.0 license
- Panagoula, B., Panayiota, M., Iliopoulou-Georgudaki, J., 2002.** Acute Toxicity of TBT and IRGAROL in *Artemia salina*. *International Journal of Toxicology* 21: 231-233.
- Panigrahi, S., 1993.** Bioassay of mycotoxins using terrestrial and aquatic, animal and plant species. *Food Chemistry and Toxicology* 31: 767-790.
- Pantani, C., Pannunzio, G., Decristofaro, M., Novelli, A. A. and Salvatori, M. 1997.** Comparative acute toxicity of some pesticides, metals and surfactants on *Gammarus italicus* Goedm. and *Echinogammarus tibaldii* Pink and Stock (Crustacea: Amphipoda). *Bulleting of Environmental Contamination and Toxicology*. 59: 963 – 967.

- Parra, L.A., Silva Yhebra, R., Guerra Sardiñas, I., Iglesias Buela, L., 2001.** Comparative study of the assay of *Artemia salina* L. and the estimate of the medium lethal dose (LD50 value) in mice, to determine oral acute toxicity of plant extracts. *Phytomedicine* **8** (5): 395-400.
- Pelka, M., Danzic, C., Distler, W., Petschelt, A., 2000.** A new screening test toxicity testing of dental materials. *J. Dent.* **28**: 341-345.
- Persoone, G., Sorgeloos, P., 1980.** General aspects of the ecology and biogeography of *Artemia*. In: Persoone, G., Soorgeloos, P., Roels, O., Jaspers, E.(Eds.). The Brine Shrimp *Artemia*. Vol. 3. Ecology, Culturing, Use in Aquaculture. Universa Press, Wetteren, Belgium. pp. 3-24.
- Persoone, G., Vanhaecke, P., 1981.** Intercalibration exercise on a short-term standard toxicity test with *Artemia* naplii. Final report. Contract CEEENV-396 B(N): 30.
- Persoone, G., wells, P.G., 1987.** *Artemia* in aquatic toxicology: a review. In. *Artemia* Research and its Applications. Morphology, Genetics, strain characterization. *Toxicology*. Belgium. Universita press. 259-275.
- Piccinelli, M., and Prosdocimi, T., 1968.** Descrizione tassonomica della due specie *Artemia salina* L. e *Artemia permilis* n. sp Istituto Lombardo (Rendiconti di Scienze) B 102: 113-118.
- Pilla, E.J.S., Beardmore, J.A., 1994.** Genetic and morphometric differentiation in Old World bisexual species of brine shrimp (*Artemia*). *Heredity*. **72**: 47-56.
- Pimental, M. F., De Lima, D. P., Martins, L. R., Beatriz, A., Santaella, S. T. And Costa Lotufo, L. V., 2009.** Ecotoxicological analysis of cashew nut industry effluents, specifically two of its major phenolic components, cardol and cardanol. *Pan-American J. Aquat. Sci.*, **4**(3) : 363 – 368.
- Pimentel, D., Acquay, H., Biltonen, M., Rice, P., Silva, M., Nelson, J., Lipner, V., Giordano, S., Horowitz, A. and D'Amore, M. 1992.** Environmental and economic costs of pesticide use. *Biosciennce*, **42** (10): 750 – 760.
- Pinto, P.M., Amat, F., Almeida, V.D., Vieira, N., 2013.** Review of the biogeography of *Artemia* Leach, 1819 (Crustacea: Anostraca) in Portugal. *International Journal of Artemia Biology*. **3**: 51-56.

- Post, F. J. and Youssef, N. N., 1977.** A prokaryotic intracellular symbiont of the Great salt lake brine shrimp *Artemia salina* (L.). *Can. J. Microbiol.*, **23** : 1232 – 1236.
- Preston, B.L., 2002.** Indirect Effects in Aquatic Ecotoxicology: Implications for Ecological Risk Assessment. *Environmental Management*, **29** (3): 311-323.
- Prick, K.S., Waggy, G.T., Conway, R.A., 1974.** Brine shrimp bioassay and sea water BOD of perochemicals. *J. Water pollut. Contr. Fed.***46**: 63-77.
- Quintana PJ, Delfino RJ, Korrick S, Ziogas A, Kutz FW, Jones EL, et al., 2004.** Adipose tissue levels of organochlorine pesticides and polychlorinated Biphenyls and risk of non-Hodgkin's lymphoma. *Environ Health Perspect* 112: 854–861.
- Rahdari, P., Sabati, Z., Dahpour, A.A., 2012.** Chemical Composition of essential oil, antibacterial activity and brine shrimp lethality of ethanol extracts from *Sedum Pallidum*. *J. Med. Plants. Res.* Vol. **6** (16): 3105-3109.
- Ramamoorthy, K. and Thangaraj, G. S., 1980.** Ecology of Artemia in the saltpans of Tuticorin, South India. In : Persoone, G., Sorgeloos, P., Roels, O., Jaspers, E., (Ed.). The brine shrimp Artemia : Ecology, culturing use in aquaculture. Universa Press, Wettern, Belgium, **3** : 105 – 114.
- Raman, R., Laha, N. N. and Bhatnagar, A. 1991.** Recent advances in management of aluminium phosphide poisoning. *Indian Med Gaz.* **125**: 6.
- Ramanathan, N. P. and Natarajan, P. P., 1987.** Ecology of Artemia along the southeastern coast of India. In : Sorgeloos, P., Bengston, Declair, W., Jaspers, E. (Eds.), Artemia Research and its Applications. Ecology, culturing use in aquaculture. Universa Press, Wettern, Belgium, **3** : 135 – 139.
- Reeve, M. R., 1963.** The filter feeding of *Artemia* II. In suspensions of various particles. *J. Exp. Biol.* **40** (1): 207-217.
- Rehman, S. 2003.** Farm level pesticides use in Bangladesh: Determinants and Awareness. *Agriculture, Ecosystems and Environments.* **95**: 241 – 252.

- Reinert, K.H., Giddings J.M., Judd. L. 2002.** Effects of analysis of time varying or repeated exposure in aquatic ecological risk assessment of organs Chemicals. *Environ. Toxicol.Chem.***21**: 1977-1992.
- Reish, D.I, Oshida, P.S. 1987,** short term bioassay In : Manual of methods in aquatic environment Research FAO Fish. Tech. Pap 247 (10), 1-62
- Reynaldi, S. and Liess, M. (2005).** Influence of duration of exposure to the pyrethroidfenvalerate on sublethal responses and recovery of *Daphnia magna* straus.*Environmental Toxicology and Chemistry* 24, 1160-1164.
- Richter, J.A. & Goldstein, A. 1970.** The Effects of Morphine-like Compounds on the Light Responses of the Brine Shrimp *Artemia salina*. *Psychopharmacologia*, Vol.17: No.4, pp. 327-337.
- Robinson, A.B.; Manly, K.F.; Anthony, M.P.; Catchpool, J.F. & Pauling, L. 1965.** Anesthesia of *Artemia* Larvae: Method for Quantitative Study. *Science*, Vol.149: No.3689, pp. 1255-1258.
- Rodrigues, C., Bio, A.M., Amat, F>D., Monteiro, N.M., Vieira,N.M., 2012.** Surviving an Invasion: Characterization of the last refugia for *Artemia* Diploid parthenogenetic strains. *Wetlands*. Vol:32(6): 1079-1090.
- Rola, A.C. and Pingali, P.L. 1993.** Pesticides productivity and Farmers Health. An Economic assessment. The Philippines International Rice Research Institute and Washington, DC. World Resource Institute.
- Ross, G. 2005.** Risks and benefits of DDT. *Lancet*. 366 (Nov. 9499), 1771.
- Royan, J. P., 1979.** Occurrence of *Artemia* sp. in the Gulf of Kutch. *Mahasagar. Bull. Nat. Inst. Oceanogr.*, **12**(4) : 271 – 272.
- Royan, J. P., Krishnan, P. N. and Selvaraj, A. M., 1970.** Occurrence of *Artemia salina* in southern India. *Curr. Sci.*, **39** : 14 – 17.
- Ruebhart, D.R., Cock, I.E., Shaw, G.R., 2008.** Invasive character of the brine shrimp *Artemia franciscana* Kellogg, 1906 (Branchiopoda: Anostraca) and its potential impact on Australian inland hypersaline waters. *Marine and Freshwater Research*. **59**: 587-595.

- Ruther, W.; Graul, E.H.; Heinrich, W.; Allkofer, O.C.; Kaiser, R. & Cuer, P. 1974.** Preliminary Results on the Action of Cosmic Heavy Ions on the Development of Eggs of *Artemia salina*. *Life Sciences Research in Space*, Vol.12: pp. 69–74.
- Salam, M.T., Li, Y.F., Langholz, B., and Gilliland, F.D., 2004.** Early-life environmental risk factors for asthma: findings from the Children’s Health Study. *Environ Health Perspect.* **112** (6): 760-765.
- Salameh, P. R., Baldi, I. and Brochard. P. 2004.** Pesticides in Lebanon: A knowledge, Attitude and Practice study. *Environmental Research*, **94**: 1 – 6.
- Salau.1993.** Environmental crisis and development in Nigiria: An inaugural lecture series No.13. *University of Port Harcourt Publishing House*, 24-26.
- Salman, D.S., Mohammed, D.S., Ali, M.H., 2012.** Review of the biogeography of *Artemia leach*, 1819 (Crustacea: Anostraca) in Iraq. *International Journal of Artemia Biology.* **2**: 62-73.
- Sam, T.W., 1993.** Toxicity testing using the brine shrimp: a *Artemia salina*. In: Colgate, S.m., Molyneux, R. J. (Eds), “Bioactive Natural Products Detection, Isolation, and Structural Determination”, CRC Press, Boca Raton, FL, 442-456.
- Samaraoui,B., Chakri, K.,Samroui, F.,2006.** Large branchiopodas (Branchiopoda: Anostraca, Notostraca and spiiicaudata) from the salt lakes of Algeria. *Journal of Limnology.* 65(2): 83-88.
- Samuel, J., Thomas, K., Jeyaseelan, L., Peter, J. V. and Cherian, A. M. 1995.** Incidence of intermediate syndrome in organophosphorous poisoning. *J. Assoc. Physicians, India.* **43**: 321.
- Sanchez, M.I., Hortas, F., Figuerola, J., Green, A.J., 2012.** Comparing the dispersal potential of a native and an invasive brine shrimp via waterbirds. *Freshwater Biology.* 50: 737-742.
- Sanchez-Bayo F 2006.** Comparative acute toxicity of organic pollutants andreference values for crustaceans. I. Branchiopoda, Copepoda and Ostracoda. *Environ Pollut* 139: 385-420.

- Sanchez-Bayo F 2012.** Insecticides Mode of Action in Relation to Their Toxicity to Non-Target Organisms. *J Environment Analytic Toxicol* S4:002. doi:10.4172/2161-0525.S4-002
- Sanchez-Fortun S, Sanz-Barrera F and Barahona-Gomariz MV. 1995.** Acute toxicities of selected insecticides to the aquatic arthropod *Artemia salina*. *Bulletin of Environmental Toxicology* **54**, 76-82.
- Sarabia, R., Torreblanca, A., Del Ramo, J.J., Diaz Mayans, J., 1998.** Effects of low mercury concentration exposure on hatching, growth and survival in the *Artemia* Strain La Mata Parthenogenetic diploid. *Comp. Biochem. Physiol.* Part.A.**120**: 93-97.
- Saraswat, P. K., Gupta, B. P., Malhotra, V. K. and Goya, V. K. 1985.** Prevalence of fatalities due to aluminium phosphide (ALP) ingestion in southern Rajasthan. *J. Foresensic. Med.* **2**:1.
- Savonen, C., 1997.** Soil microorganisms object of new OSU service. *Good Fruit Grower*.
- Scalone, M.S., and Rabet, N., 2013.** Presence of *Artemia franciscana* (Branchiopoda, Anostraca) in France: morphological, genetics and biometric evidence. *Aquatic Invasions* **8** (1): 67-76.
- Schmidt, R. 1985.** Optical Motility Test for the Detection of Trichothecenes using Brine Shrimps. *Mycotoxin Research*, Vol. 1: pp. 25-29
- Shailesh, K.K., Pais, P., Vengamma, B. and Muthane, U. 1994.** Clinical and electrophysiological study of intermediate syndrome in patients with organophosphorous poisoning. *J. Assoc. Physicians India*, **42**: 451.
- Shetty, P. K., Hiremath, M.B., Murugan, M. and Neril, R.B. 2011.** Farmer's Health Externalities in Pesticide use Predominant regions in India. *World Journal of Science and Technology*, **1** (4): 01 – 11.
- Silva, T.M.S., R.J.B. Nascimento, M.M. Batista, M.F. Agra, C.A. Camara. 2007.** Brine shrimp bioassay of some species of *Solanum* from Northeastern Brazil. *Brazil J. Pharmacol.*, **17**: 35-38.

- Singh, S., Singhi, S., Sood, N. K., Kumar, L. and Walia, B. N. S. 1995.** Changing pattern of childhood poisoning (1970 – 1980): experience of a large north Indian hospital. *Indian Pediatr.* **32**: 331 – 336.
- Sleet, R.B, Brendel, K., 1985.** Homogenous populations of *Artemia nauplii* and their potential use for invirto testing in developmental toxicology. *Teratog. Carcinog. Mutagen.* **5**: 41-54.
- Sleet, R.B., Bendel, K., 1983.** Improved method for harvesting and counting synchronous populations of *Artemia nauplii* for use in development toxicology. *Ecotoxicol. Env. Safety.* **7** : 435 - 446
- Solis, P.N., Wright, C.W., Anderson, M.M., Gupta, M.P., Phillipson, J.D., 1993.** A micro well cytotoxicity essay using *Artemia salina*. *plant. Med.* **59**: 250-252.
- Solomon, G., Ogunseitan, O. A. and Kirsch, J. 2000.** Pesticides and Human health: A Resource for health care professionals. Physicians for social responsibility and Californians for pesticide reform. www.igc.org/cpr.
- Song, M. Y. and Brown, J. J., 1998.** Osmotic effects as a factor modifying insecticide toxicity on *Aedes* and *Artemia*. *Ecotoxicity and Environmental safety*, **41**(2) : 195 – 202.
- Sorgeloos, P., Coutteau, P., Dhert, P., Merchie, G., Lavens. P., 1998.** Use of brine shrimp *Artemia sp.* in larval crustacean nutrition: a review. *Reviews in fisheries sciences.* **6**: 55-58.
- Sorgeloos, P., Dhert, P., Candreva, P., 2001.** Use of the brine shrimp *Artemia Sp.* in marine fish larviculture. *Aquaculture*, **200**: 454 - 459.
- Sorgeloos, P., Remiche- Van Der Wielen, C. Persoone, G., 1978.** The use of *Artemia nauplii* for toxicity tests. A critical analysis. *Ecotoxicol. Env. Safety.* **2**: 249-255.
- Sorgeloos,P., Lavens, P., Leger, P.H., Tackaert,W., Versichele, D., 1986.** Manual for the culture and use of brine shrimp *Artemia* in aquaculture. *Artemia Reference Centre, State University of Ghent, Belgium.*

- Soupilas, A., Papadimitrou, C.A., Samaras, P., Gudulas, K., and Petridis, D., 2008.** Monitoring of Industrial Effluent Ecotoxicity in The Greater Thessaloniki Area. *Desalination*, 224: 261-270.
- Srivastava, R.K., Yadav, K.K and Trived, S.P, 2008.** Devicyprin induced gonadial impairment in afreshwater food fish, *Channa punctatus* (Bloch). *Journal of Environmental Biology*. 29: 187-191.
- Stephenson, R. R., 1982.** Aquatic toxicology of cymethrin. Acute toxicity to some freshwater fish and invertebrates in laboratory tests. *Aquatic Toxicology*, 2(3) : 175 – 185.
- Sunderam, R. I. M., Cheng, M. H. and Thompson, G. B. 1992.** Toxicity of endosulfan to native and introduced fish in Australia. *Environ. Toxicol. Chem.*, 11: 1469-1476.
- Surgan,M.H., Congdon,T., Primi,C., Lamster, S., and Loiu-Jacques, J.,2002.** Pest control in public housing, schools and parks: Urban children at risk. In: Bureau DoLE, (ed), New York State Library, Albany, NY, 202-7643.
- Surveillance of food contaminants in India. 1993.** Report of an ICMR Task Force Study (Part I). Eds. G.S. Toteja,, J. Dasgupta., B.N. Saxena and R.L. Kalra. *Indian Council of Medical Research*, New Delhi.
- Swackhamer, D., Hites, R.A., 1988.** Occurrence and bioaccumulation of organochlorine compounds in fish form Siskiwit Lake, Isle Royale, Lake Superior. *Environ. Sci. Technol.* 22: 543-548.
- Tarzwell, C.M., 1969.** Standard method for the determination of relative toxicity of oil dispersants and mixtures of dispersants and various oils to aquatic organisms. In Proceeding. Joint Conference on prevention and control of oil spills. pp. 179-186.
- Thiery, A., and Robert, F., 1992.** Bisexual populations of the brine shrimp *Artemia* in Sete-Villero y and Villeneuve saltworks (Languedoc, France). *International Journal of Salt Lake Research* 1 : 47-63
- TILAK, K.S., D. MOHANARANGA RAO, A. PRIYAMVADA DEVI and A. S. MURTY. 1981.** Toxicity of carbaryl and 1-naphthol to four species of freshwater fish *J. Biosci.*, Vol. 3, Number 4: pp. 457–462.

- Todd,G.D., Wohlers,D., and Citra,M., 2003.** Toxicology profile for pyrethrins and pyrethroids, US Department of Health and Human Services. Agency for Toxic Substance and disease Registry: Atlanta, GA.
- Tong, Z., Hongjun, J., Huailan, Z., 1996.** Quality criteria of acrylonitrile for the protection of aquatic life in China. *Chemosphere* 32: 2083-2093.
- Torrentera, L. 1993.** Ecology and Evolution of Yucatan Peninsula *Artemia*. Ph. D. Thesis. University of Wisconsin-Madison, WI, USA. Pp. 1-104.
- Tothill, I.E., Turner, A.P.F., 1996.** Developments in bioassay methods for toxicity testing in water treatment. *Trends in Analytical Chemistry* 75: 178-188.
- Touraki, M., Niopas, I., Kastritsis, C., 1999.** Bioaccumulation of Trimethoprim, Sulfamethoxazole and N-acetyl-sulfamethoxazole in *Artemia* nauplii and residual kinetics in seabass larvae after repeated oral dosing of medicated nauplii. *Aquaculture* 175: 15-30.
- Townson, H., Nathan, M.B., Zaim, M. et al. 2005.** Exploiting the potential of vector control for disease prevention. *Bull. World Health Organ.* **83** (12): 942–947.
- Triantaphyllidis, G. V., G. R. J. Criel, T. J. Abatzopoulos, K. M. Thomas, J. Peleman, J. A. Beardmore, and P. Sorgeloos. 1997.** International study on *Artemia* LVII. Morphology and molecular characters suggest conspecificity of all bisexual European and North African *Artemia* population. *Marine Biology* 129: 477-487
- Triantaphyllidis, G.V., Abatzopoulos, T.J., Sandaltzopoulos, R.M., Stamou, G., Kastritsis, C.D., 1993.** *Artemia*. LVI. Characterization of two new *Artemia* populations from solar saltworks of Lesbos Island (Greece), Biometry, hatching characteristics and fatty acid profile. *Int. J. Salt Lake Res.* **2** (1), 59-68.
- Triantaphyllidis, G.V., Abatzopoulos, T.J., Sorgeloos, P., 1998.** Review of the biogeography of the genus *Artemia* (Crustacea, Anostraca). *J. Biogeogr.* **25**, 213-226.

- Triantaphyllidis, G.V., Abatzopoutos, T.J., Miasa, E., Sorgeloos, P., 1996.** International study on *Artemia*. LVI. Characterization of two *Artemia* population from Nambia and Madagascar; cytogenetic,biometry, hatching characteristics and fatty acid profile. *Hydrobiologia*. **335**: 97-106.
- Triantaphyllidis, G.V., Pouloupoulou, K., Abatzopoulos, T.J., Pinto Perez, C.A., Sorgeloos, P., 1995.** Intrenational study on *Artemia*. XLIX. Salinity effects on survival, maturity, growth,biometrics, reproductive and life span characteristics of a bisexualand a parthenogenetic population of *Artemia*. *Hydrobiologia*. **302**: 215-226.
- UNEP, 1980.** United Nations Enviornmental Programme. Annual Review.
- Ural, M. S. and Saglam, N. 2005.** A study on the acute toxicity of pyrethroid deltamethrin on the fry rainbow trout (*Oncorhynchus mykiss* Walbaum, 1972). *Pesticide Biochemistry and Physiology*, **83** (2 & 3): 124 – 131.
- Van Baller, E., Versichelle, D., Vanhaeck, P., Leger.P., Ben Abdelkader, N., Turki,S.,Sorgeloos, P., 1987.** Characterization of *Artemia* from different localities in Tunisia with regardto their use in aquaculture. In: *Artemia* research and its application. 1987.Vol.3: morphology, genetics, strain characterization, toxicology. Sorgeloos, P., Bengtson, D.A., Declair, W., and Jaspers, E., (Eds). Universa Press. Wettern, Belgium, 380.p.
- Van Der Hoek, W., Konradsen, F., Athukorala, K. and Wanigadewa. T. 1998.** Pesticide poisoning : A Major Health Problem in Srilanka, *Social Science and Medicine*, **46**: 495 – 504.
- Van Der Linden A., Vankerckhoven I., Caubergs R. and Declair W. 1986.** Action spectroscopy of light-induced hatching of *Artemia* cyst (Branchiopoda: Crustacea).Mar. Biol. (Berling), 91, No.2: 239-243.
- Van Stappen, G. 1996.** *Artemia*: Use of cysts. In Manual on the Production and Use of Live Food for Aquaculture. FAO Fisheries Technical Paper No. 361, Food and Agriculture Organization (ed. P. Lavens and P. Sorgeloos), pp. 107-136. Rome, Italy.
- Van Stappen, G., 2002.** Zoogeography. In: Abatzopoulos, Beardmore, Clegg and Sorgeloos (Eds)., *Artemia* basic and applied biology. *Kluwer Academic Publishers*. Dordrecht: 171-224.

- Van Stappen, G., Sui, L., Xin, N., Sorgeloos, P., 2003.** Characterisation of high altitude *Artemia* populations from the Qinghai-Tibet Plateau, PR China. *Hydrobiologia*. **500**: 179-192.
- Van Wezel, A.P., van Vlaardingen, P., Posthumus, R., Crommentuijn, G.H., Sijm, D.T.H.M., 2000.** Environmental Risk Limits for Two Phthalates, with Special Emphasis on Endocrine Disruptive Properties. *Ecotoxicology and Environmental Safety* 46: 305-321.
- Vanhaecke, P., Sorgeloos, P., 1980.** International study on *Artemia* IV. The biometrics of *Artemia* strains from different geographical origin. In. Persoone, G., Sorgeloos P., Rods. O.A., Jaspers. E. eds. The brine shrimp *Artemia*. Vol.3. *Universa press*. Wetteren, Belgium: 393-405.
- Vanhaecke, P., Persoone, G., Claus, C., Sorgeloos, P., 1981.** Proposal for a short-term toxicity test with *Artemia* nauplii. *Ecotoxicol. Env. Safety*. **5**: 382-387.
- Vanhaecke, P., Siddall, S.E., Sorgeloos, P. 1984.** International study on *Artemia* XXXI. Combined effects of various geographical origin. *Journal of exptal marine biology and ecology*. **80**: 259 - 275.
- Vanhaecke, P., Sorgeloos, P., 1983.** International study on *Artemia* XIX. Hatching data for ten commercial sources of brine shrimp cysts and re-evaluation of the hatching efficiency concept. *Aquacultulre*. **30**: 43-52.
- Vanhaecke. P., Sorgeloos. P., 1982.** International study on *Artemia* XVIII. The hatching rate of *Artemia* cysts A comparative study. *Aquaculture engineering*. **1**: 263-273.
- Varo I, Navarro JC, Amat F, Guilhermino L (2002).** Characterization of cholinesterases and evaluation of the inhibitory potential of chlorpyrifos and dichlorvos to *Artemia salina* and *Artemia parthenogenetica*. *Chemosphere* 48: 563-569.
- Varo, I., Serrano, R., Navarro, J.C, Lopez, F.J., Amat. F., 1998.** Acute lethal toxicity of the organophosphorous pesticide chlorpyrifos to different species and strains of *Artemia*. *Bulletin of Environmental Contamination and Toxicology*. **61**: 778-785.

- Varó, I., Taylor, A.C., Navarro, J.C., Amat, F., 2000.** Effect of parasitism on the respiration rates of adults of different *Artemia* strains from Spain. *Parasitol Res* **86**: 772-774.
- Varo, N., Green, A., Sanchez, M., Ramo, C., 2011.** Behavioural and population responses to changing availability of *Artemia* prey by moulting black-necked grebes, *Podiceps nigricollis*. *Hydrobiologia*. **664** : 163-171.
- Varo', I., Taylor, A.C., Ferrando, M.D., Amat, F., 1997.** Effect of Endosulfan Pesticide on the Oxygen Consumption Rates of Nauplii of Different Spanish Strains of *Artemia*. *Journal of Environment Science and Health Part B: Pesticides, Food Contaminants and Agricultural Wastes* **32**: 363-375.
- Vasudevan, S., 2012.** Biometrical, morphological and biochemical characterization of three *Artemia* (Crustacea : Anostraca) populations from South India. *Intl. J. Artemia Biology*, **2** : 7 – 29.
- Vest, J.L., and Conover, M.R., 2011.** Food habits of wintering waterfowl on the Great Salt Lake, Utah. *Waterbirds*. **34**: 40-50.
- Vezie, C., Sivonen, K., Brient, L., Bertru, G., Lefeuvre, J.C., 1996.** Development of Toxic Cyanobacteria in Western France-Detection of Toxicity with *Artemia salina* Tests. *Annales de Limnologie* **32**: 123-128.
- Viana, D.S., Santamaria, L., Micot. T.C., Figuerola. J.2013.** Migratory strategies of waterbirds shape the continental scale dispersal of aquatic organisms. *Ecography*. **36**: 430-438.
- Vieira, N and Bio, A., 2011.** Spatial and temporal variability of waterquality and zooplankton in an artisanal salina. *Journal of sea Research* **65**: 293-303.
- Vikas, P.A., Sajeshkumar, N.K., Thomas, P.C., Chakraborty, K., Vijayan, K.K., 2012.** Aquaculture related invasion of the exotic *Artemia franciscana* and displacement of the autochthonous *Artemia* populations from the hypersaline habitats of India. *Hydrobiologia*. **335**: 129-142.
- Viran, R., Erkoc, F. U., Polat, H. and Kocak, O. 2003.** Investigation of acute toxicity of deltamethrin on guppies (*Poecilia reticulata*). *Ecotoxicology and Environmental Safety*. **55** (1): 82 – 85.

- Voronov P. M. 1971.** Intensity and length of hatching of eggs of *Artemia* in common salt solutions. *Rib. Khoz.* 8: 29-30.
- Vutukuru, S. S., Pauleena, J. S., Rao, J. V. and Anjaneyulu, Y. 2007.** Architectural changes in the gill morphology of the freshwater fish, *Esomus danricus* as potential biomarkers of copper toxicity using automated video tracking system. *Environmental Bioindicators* 2 (1): 3 -14.
- Wang, J.L., 2003.** Sustainable development of *Artemia salina* (Linnaeus) in salt lake and quality of its egg. *Modern Fisheries Information.* 17: 11-13
- Wang, S. 2009.** Biometrics of *Artemia* resting eggs from seven localities of China. *Marine Science Bulletin* 28: 62-67.
- Wang, S., and Sun, S., 2007.** Comparative observations on the cyst shells of seven *Artemia* strains from China. *Microscopy Research and Technique.* 70: 663-670.
- Warburton, H., Palis, F. G. and Pingali, P. L. 1995.** Farmer perceptions, knowledge and pesticide use practises. In : P.L. Pingali and P. A. Roger, (Eds). *Impact of pesticides on Farmer Health and the Rice Environment.* Norwell, Massachusetts and Los Banos, Philippines: Kluwer Academic publishers and IRRI.
- Wasim Aktar M., Sengupta. D., Chowdhury. A. 2009.** Impact of pesticides use in agriculture: their benefits and hazards. *Toxicology.* 2 (1): 1-12.
- Wasim, A. Md., and Paramasivam, M., 2008.** Impact of pesticide use in Indian Agriculture—their benefits and hazards. *Evn.Pollut.*104: 469-476.
- Wayne, G.L and H.Y. Ming. 1998.** Introduction to environmental toxicology. *Impacts of chemicals upon ecological systems,* PP: 134-138.
- WCED, 1987.** World Commission on Environment and Development. *From one earth one world: An Overview.* Oxford. Oxford University Press.
- Webster, J.P.G., Bowles, R.G., Williams, N.T., 1999.** Estimating the economic benefits of alternative pesticide usage scenarios. Wheat production in the united kingdom. *Crop. Port .* 18:83.

- Wei, D., Kisuno, A., Kameya, T., Dan Urano, K., 2006.** A New Method for Evaluating Biological Safety of Environmental Water with *Algae*, *Daphina* and fish Toxicity Ranks. *Science of the Total Environment*. **371**: 383-390.
- Wells, P.G., 1999.** Biomonitoring the Health of Coastal Marine Ecosystems: The Roles and Challenges of Microscale Toxicity Tests. *Marine Pollution Bulletin* 39: 39-47.
- WHO. 1990.** World Health Organization. Pure health impact of pesticides used in agriculture (Geneva: WHO-UNEP).
- Whyatt, R.M., Rauh, V., Barr, D.B., Camann, D.E., Andrews, H.F., and Garfinkel, R., 2004.** Prenatal insecticide exposures and birth weight and length among an urban minority cohort. *Environ Health perspect*, **112** (10): 1125-1132.
- Wiseley, B., and Blick, R.A.P., 1967.** Mortality of marine invertebrate larvae in mercury, copper and zinc solutions. *Aus. J. Mar. Freshwater. Res.* **18**: 63-72.
- Wobeser G, Bollinger T, Leighton FA, Blakley B, Mineau P. 2004.** Secondary poisoning of eagles following intentional poisoning of coyotes with anticholinesterase pesticides in western Canada. *J Wildl Dis.* **40**: 163-172.
- Wurtsbaugh, W.A., 1992.** Food- web modification by an invertebrate predator in the Great Salt Lake (USA). *Oecologia* 89: 168–175.
- Wurtsbaugh, W.A., Gliwicz, Z.M., 2001.** Limnological control of brine shrimp population dynamics and cyst production in the Great Salt Lake, Utah. *Hydrobiologia* 466, 119–132.
- Xu, J. 1996 .** Biometrics of *Artemia parthenogenetica* from four localities of China. *Journal of Oceanography in Taiwan Strait* 15: 11-15.
- Yadawe, M.S., Pujeri. V.S., Pujar, A.A., Hiremath S.C., 2010.** The status of pesticide pollution in surface water (Lakes) of Bijapur. *Int. Joun. App. Bcol. And Pharm Inch* (IJABPT) Vol.1 (2): 436-441.
- Yanggen, D., Cole, D., Crissman, C. and Sherwood. S. 2003.** Human Health Environmental and Economic Effects of pesticide use in Potato production in Ecuador. Research Brief (May), International Potato Center (CIP)

- Yu, X., Xin N. 2006 :** The characterization of *Artemia* cysts from 4 salt lakes of Tibet. *Journal of Salt and Chemical Industry* 35: 26-26.
- Yudelman, M. 1998.** Water and food in developing countries in the next century. Oxford University Press,. Oxford, UK, Feeding a world population of more than eight billion people. A challenge to science.
- Yudelman, M. 1998.** Water and food in developing countries in the next century. Oxford University Press,. Oxford, UK, Feeding a world population of more than eight billion people. A challenge to science.
- Zar, J.H., 1999.** Biostatistical Analysis 4th edition. Ryn, T. (Ed.). Prentice Hall Inc. New Jersey USA, App. P. 12.
- Zheng, B., and Sun, S., 2013.** Review of biogeography of *Artemia* Leach, 1819 (Crustacea: Anostraca) in China. *International Journal of Artemia Biology* **3**: 20-50.
- Zheng, B., Sun, S., Ma, L., 2004.** The occurrence of an exotic bisexual *Artemia* species, *Artemia franciscana*, in two coastal salterns of Shandong Province, China. *Journal of Ocean University of China*. **3**: 171-174.
- Zhou, K., Xu, M., Yin, M., 2003.** Morphological characterization of sexual *Artemia* (Branchiopoda) from China. *Crustaceana*. **76** : 1331-1346.
- Zillioux, E.J., Foulk, H.R., Prager, J.C., Cardin, J.A., 1973.** Using *Artemia* to assay oil dispersant toxicities. *J. Water Pollut. Contr. Fed.***45**: 23869-2389.
- Zmora, O., Avital, E., Gordin, H., 2002.** Results of an attempt for mass Production of *Artemia* in extensive ponds. *Aquaculture* 213: 395-400.