

References

1. Yu L, Jiang YY. Strengthening Chemical Management is the Need of Sustainable Development of Human Society. 2008 Annual Meeting of Shanghai Society of Environmental Sciences; Shanghai, China: Shanghai Scientific & Technical Publishers; 2008, 51-54.
2. Guo J, Deng D. Extended Suspect Screening Strategy to Identify Characteristic Toxicants in the Discharge of a Chemical Industrial Park Based on Toxicity to *Daphnia Magna*. *SCI TOTAL ENVIRON* 2019; 650(10): 10-17.
3. Wang LL, Wu XY. Calculation and Assessment of Industrial Water Footprint of Textiles and Apparel. *J Text Res.* 2017; 38(9): 162-167.
4. Rainbow PS. Trace Metal Bioaccumulation: Models, Metabolic Availability and Toxicity [J]. *Environment International.* *ENVIRON INT.* 2007; 33(4): 576-582.
5. Islam E, Yang XE. Assessing Potential Dietary Toxicity Of Heavy Metals In Selected Vegetables And Food Crops. *J Zhejiang Univ Sci B.* 2007; 8(1): 1-13.
6. Huang XF, Qin FX. Review on Studies of Heavy Metal Pollution and Chemical Speciation. *Stud Trace Elem Health* 2008; 25(1): 48-51.
7. Panko J, Hitchcock K. Chemical Footprint Ensuring Product Sustainability. *J AIR WASTE MANAGE* 2011; 11-15.
8. Du CH, Wang ZY, Chen JW, et al. Chemical Footprint: Concepts, Research Progress and Challenges. *Asian J Ecotox.* 2016; 11(2): 18-26.
9. Posthuma L, Bjørn A, Zijp MC, et al. Beyond Safe Operating Space: Finding Chemical Footprinting Feasible. *Environ Sci Technol.* 2014; 48(11): 6057-6059.
10. Zijp MC, Posthuma L. Definition and Applications of a Versatile Chemical Pollution Footprint Methodology. *Environ Sci Technol.* 2014; 48(18): 10588-10597.
11. Tipping E, Rey-Castro C. Al (III) and Fe (III) Binding by Humic Substances in Freshwaters, and Implications for Trace Metal Speciation. *GEOCHIM COSMOCHIM AC.* 2002; 66(18): 3211-3224.
12. Paquin PR, Gorsuch JW. The Biotic Ligand Model: A Historical Overview. *COMP BIOCHEM PHYS C.* 2002; 133(1-2): 3-35.
13. Niyogi S, Wood C M. Biotic Ligand Model, a Flexible Tool for Developing Site-Specific Water Quality Guidelines for Metals. *ENVIRON SCI TECHNOL.* 2004; 38(23): 6177-6192.
14. Du CH. Calculation and Characterization on Chemicals Footprint of Antibiotics in China. Dalian University of Technology, Dalian. 2017.
15. Institute of Public & Environmental Affairs database [<http://www.ipe.org.cn/index.html>]. c2019 [updated 2019 Jan 1; cited 2020 Apr 12]. Available from: <http://www.ipe.org.cn/IndustryRecord/Regulatory.html?keycode=4543j9f9ri334233r3rixxyy012/>.
16. Ye HM, Yuan XY. Water Chemistry Characteristics and Controlling Factors in the Northern Rivers in the Taihu Basin. *Ecol Environ Sci.* 2010; 19(1): 23-27.

17. Zhang YL, Huang QF. Retrieving of Dissolved Organic Carbon based on Irradiance Reflectance in Typical Lake Zones of Lake Taihu. *ADV IN EARTH SCI.* 2005; 20(7): 772-777.
18. Zhang X, Zhou X. Seasonal Variation Regularity and Mutation Cause of Ph in Raw Water of Taihu Lake. *Water Technol* 2015; 9(5): 21-25.
19. Hu CH, Zhou WB. Characteristics of Major Ions and the Influence Factors in Poyang Lake. *Catchment Environ Chem.* 2011; 30(9): 1620-1626.
20. Liu RQ, Zhang SY. Multivariable Analyzing and Comparing of Water Quality of Shallow Lakes in Middle and Lower Reaches of Changjiang River. *ACTA HYDROBIOL SIN.* 2000; 24(5): 439-445.
21. Lu SC, Jiao RY, Wang F, et al. Characteristics and Chemical Composition Of DOC Linking to the Partial Pressure of Carbon Dioxide in The Lake-River Systems of Lower Changjiang River Basin. *Acta Sci Circum.* 2018; 38(5): 349-359.
22. Wood CM, Al-Reasi HA. The two faces of DOC. *AQUAT TOXICOL.* 2011; 105(3-4): 3-8.
23. McDonald DG. The Interaction of Environmental Calcium and Low Ph on the Physiology of the Rainbow Trout, *Salmo Gairdneri*: I. Branchial And Renal Net Ion And H⁺ Fluxes. *J EXP BIOL.* 1983; 102(1): 123-140.
24. Hunn J B. Role of Calcium in Gill Function in Freshwater Fishes. *COMP BIOCHEM PHYS A.* 1985; 82(3): 543-547.
25. Campbel PGC, Stokes PM. Acidification and Toxicity of Metals to Aquatic Biota. *CAN J FISH AQUAT SCI.* 1985; 42(12): 2034-2049.
26. Chen R, Wu M, Wang WB. Prediction of Copper Toxicity for Cyclops and the Effect of Water Quality Parameters Using Biotic Ligand Model. *Environ Chem.* 2017; 36(4): 716-723.