

## Information

### Environmental sciences update references in Chinese journals

—Selected from *Acta Scientiae Circumstantiae*, ISSN 0253-2468; *Environmental Chemistry*, ISSN 0254-6108; *Acta Ecologica Sinica*, ISSN 1000-0933

(The address given in a reference is that of the first named author)

- 93/42 **Computer simulation for the flow pattern of peripheral feed-peripheral effluent secondary clarifier**, Ma Luming, Jin Zhigang and Yang Youbao, *Acta Scientiae Circumstantiae*, 1992, 12(4):391 (East China University of Chemical Technology, Shanghai 200237)
- 93/43 **The K-ε model of turbulent buoyant flows for whole field simulation of oil pollution**, Shen Yongming, Zhao Wenqian and Ni Haoqing, *Acta Scientiae Circumstantiae*, 1992, 12(4):399 (Dalian University of Technology, Dalian 116023)
- 93/44 **Benzoquinone-DNA adducts analyzed by nuclease P<sub>1</sub> mediated <sup>32</sup>P-postlabelling**, Jiang Xiangning, Liu Shufen and Xu Xiaobai, *Acta Scientiae Circumstantiae*, 1992, 12(4): 407 (Research Center for Eco-Environmental Science, Chinese Academy of Sciences, Beijing 100085)
- 93/45 **Numerical simulation of acidification process in cumulus cloud. I. Model establishment and preliminary results**, Lei Hengchi and Huang Meiyuan, *Acta Scientiae Circumstantiae*, 1992, 12(4):415 (Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing 100029)
- 93/46 **The environment background values of heavy metal and pollution history in Bohai Bay and its adjacent estuary areas**, Li Shuyuan, Liu Guoxian and Du Ruizhi, *Acta Scientiae Circumstantiae*, 1992, 12(4):427 (Institute of Marine Environmental Protection, SOA, Dalian 116023)
- 93/47 **Effects of Cd<sup>2+</sup> on root growth and cell division of *Allium cepa***, Liu Donghua, Jiang Wusheng and Li Maoxue, *Acta Scientiae Circumstantiae*, 1992, 12(4):439 (Department of Biology, Tianjin Normal University, Tianjin 300074)
- 93/48 **Effects of pyrethroids on the structures of red blood cells**, Zhou Zhe, Zhu Sha and Cong Rongjuan, *Acta Scientiae Circumstantiae*, 1992, 12(4):447 (Department of Environmental Toxicology, Tongji Medical University, Wuhan 430030)
- 93/49 **Toxicity of mercuric chloride and methylmercuric chloride in isolated rat renal proximal tubules**, Zhu Sha and Liu Yugu, *Acta Scientiae Circumstantiae*, 1992, 12(4):454 (Institute of Environmental Toxicology, Tongji Medical University, Wuhan 430030)
- 93/50 **Study on changes in intracellular Na<sup>+</sup> concentration of erythrocytes from guinea pigs reared on low Se cereals grown in endemic areas of Keshan disease**, Pang Suzhen, Chen Yunjun and Qin Jingfen, *Acta Scientiae Circumstantiae*, 1992, 12(4):461 (Institute of Biophysics, Chinese Academy of Sciences, Beijing 100080)
- 93/51 **Studies on photosensitive-degradation of pyrethroid insecticides**, Yue Yongde and Hua Rimao, *Acta Scientiae Circumstantiae*, 1992, 12(4):466 (Anhui Agricultural College, Hefei 230036)
- 93/52 **Study on the correlation between algae and some ecological factors in a complex oxidation pond**, Wuhan, Tang Yingzhong and Li Yijian, *Acta Scientiae Circumstantiae*, 1992, 12(4): 473 (Wuhan University, Wuhan 430072)
- 93/53 **The time-space changing regularity of organic substances in air-borne particulates at different height in Lanzhou City**, Tian Qiuxue, Zhou Lingzhi and Wu Renming, *Acta Scientiae Circumstantiae*, 1992, 12(4):480 (Institute of Environmental Protection, Gansu Province, Lanzhou 730030)
- 93/54 **Distribution characteristics of nitrogen in soils in Haihe River basin**, Liu Quanyou, Sun Jianzhong and Qiu Guangkui, *Acta Scientiae Circumstantiae*, 1992, 12(4):489 (Research Center for Eco-Environmental Science, Chinese Academy of Sciences, Beijing 100085)

- 93/55 **Case Study on the chemical form conversion and leaching of nitrogen and phosphorous in the irrigated plain area of Haihe River basin**, Dai Tongshun and Zhao Zhongsheng, *Acta Scientiae Circumstantiae*, 1992, 12 (4):497 (Institute of Applied Ecology, Chinese Academy of Sciences, Shenyang 110015)
- 93/56 **Status of research on atmospheric chemistry of pollution**, Wang Anpu, *Environmental Chemistry*, 1992, 11 (6):1 (Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing 100085)
- 93/57 **A study on the characteristics of Guangzhou aerosol particulates by SEM/XED**, Ye Ruqiu, Li Yongquan and Wang Jiazhen, *Environmental Chemistry*, 1992, 11(6):14 (National Center of Environmental Analysis and Measurement, Beijing 100012)
- 93/58 **Investigation on carbon preference index (CPI) of n-alkanes in aerosol**, Tang Guocai and Liu Yongxing, *Environmental Chemistry*, 1992, 11(6):21 (Nanjing Institute of Environmental Sciences, NEPA, Nanjing 210042)
- 93/59 **The study on acid precipitation in spring in the Baiyun Mountain and TV tower district**, Guangzhou City, Bi Mutian, Chen Danhua and Li Xin, *Environmental Chemistry*, 1992, 11(6):26 (Department of Technical Physics, Peking University, Beijing 1000871)
- 93/60 **Research on modeling of heavy metal speciation in Lean River**, Lin Yuhuan and Li Qi, *Environmental Chemistry*, 1992, 11(6):35 (Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing 100085)
- 93/61 **Ferrite microcrystal formation and heavy metal annexing in neutral coprecipitation process**, Ding Ming, Zeng Huanxing and Zhao Bin, *Environmental Chemistry*, 1992, 11(6):43 (Department of Materials Science and Engineering, The University of Science and Technology of China, Hefei 230026)
- 93/62 **Toxicological effects of gas-phase cigarette smoke on rat lung cells and protection effects of green tea polyphenols in the system**, Yang Fajun, Zhao Baolu and Xin Wenjuan, *Environmental Chemistry*, 1992, 11 (6):50 (Institute of Biophysics, Chinese Academy of Sciences, Beijing 100101)
- 93/63 **Study of deep oxidation kinetics for acetone over Pt/NM, Fe-Cu-Mn/NM catalysts**, Luo Mengfei and Yuan Xianxin, *Environmental Chemistry*, 1992, 11(6):56 (Department of Chemistry, Hangzhou University, Hangzhou 310028)
- 93/64 **The study on the biodegradation of Nankai-pyrethrin by aerobe**, Liu Qingyu, Wang Shuo and Zhu Limin, *Environmental Chemistry*, 1992, 11(6):61 (Environmental Science Department, Nankai University, Tianjin 300071)
- 93/65 **Estimation of solubility of hydrophobic organic compounds, organic acids and bases**, Wang Liansheng, Zhao Yuanhui and Gao Hong, *Environmental Chemistry*, 1992, 11(6):64 (Department of Environmental Science, Nanjing University)
- 93/66 **Study on the simultaneous determination of three main inorganic forms of nitrogen by ion chromatography**, Mou Shifen and Wang Huitong, *Environmental Chemistry*, 1992, 11 (6): 70 (Research Center for Eco-Environmental Sciences, Chinese Academy of Sciences, Beijing 100085)
- 93/67 **Study on litter decomposition in *Leymus chinensis* grassland**, Guo Jixun and Zhu Tingcheng, *Acta Ecologica Sinica*, 1992, 12 (4): 295 (Institute of Grassland Science, Northeast Normal University, Changchun 130024)
- 93/68 **Effects of soil salinization and noncapillary porosity on the biomass forming and ecological dominance of *Leymus Chinensis* community**, Yin Lijuan, Zhang Weizheng and Shi Decheng, *Acta Ecologica Sinica*, 1992, 12(4):302 (Grassland Research Institute, Northeast Normal University, Changchun 130024)
- 93/69 **The kinetic behaviour of strontium-89 in the simulation paddy**, Wang Shouxiang, Zhang Yongxi and Hu Bingmin, *Acta Ecologica Sinica*, 1992, 12(4):310 (Institute of Nuclear Agricultural Science, Zhejiang Agricultural University, Hangzhou 310029)
- 93/70 **A study on the main characters of yield and quality of corn in a shelter-belt network ecofield**, Chang Jie, Chen Jie and Wang Wenzhang, *Acta Ecologica Sinica*, 1992, 12(4):316 (Biology Department, Hangzhou University, Hangzhou 310012)

- 93/71 **Fuzzy set ordination and its application**, Zhang Jintun, *Acta Ecologica Sinica*, 1992, 12 (4): 325 (Department of Biology, Shanxi University, Taiyuan 030006)
- 93/72 **Study on the application of ecological gradient axes (EGA) in forest ecological genetics — EGA(PCr) estimated by using PCA method**, Gu Wanchun, Wang Weisheng and Li Bin, *Acta Ecologica Sinica*, 1992, 12(4):332 (Research Institute of Forestry, CAF, Beijing 100091)
- 93/73 **Study on the resurgence caused by insecticides for cotton aphid, *Aphis Gossyp***, Wu Kongming and Liu Qinxuan, *Acta Ecologica Sinica*, 1992, 12(4):341 (Institute of Plant Protection, Henan Academy of Agricultural Sciences, Zhengzhou 450002)
- 93/74 **The simulation models for the population dynamics of citrus red mite**, Zhou Jianzhong and Luo Zhiyi, *Acta Ecologica Sinica*, 1992, 12(4):348 (Shanghai Institute of Entomology, Chinese Academy of Sciences 200025)
- 93/75 **The characteristics of inorganic chemical elements in *Drosophila* spp. and their food in tropical valley rain-forest of xishuangbanna**, Tao Tao and Hu Keming, *Acta Ecologica Sinica*, 1992, 12 (4): 356 (Kunming Institute of Ecology, Chinese Academy of Sciences 650223)
- 93/76 **The effects of BP-110X dispersant and dispersed Shengli crude oil on the ecosystem — Marine ecosystem enclosure experiment**, Tang Senming, Chen Xiaolin and Zhuang Dongfa, *Acta Ecologica Sinica*, 1992, 12 (4):361 (The Third Institute of Oceanography, SOA, Xiamen 361005)
- 93/77 **Feeding habit and seasonal variation in food content of *Cynoglossus semilaevis* (Günther)**, Dou Shuozeng and Yang Jiming, *Acta Ecologica Sinica*, 1992 12(4):368 (Institute of Oceanography, Chinese Academy of Sciences, Qingdao 266071)
- 93/78 **Studies on biomass and production of the lower subtropical evergreen broad-leaved forest in Heishiding natural reserve — biomass increment and net primary production**, Chen Zhanghe, Chang Hongta and Wang Bosun, *Acta Ecologica Sinica*, 1992, 12(4):377 (Zhongshan University, Guangzhou 510275)