

CONTENTS

VOLUME 28

NUMBER 4

2006

JOURNAL OF WATER CHEMISTRY AND TECHNOLOGY

PAGES
RUSSIAN/ENGLISH

Physical Chemistry of Water Treatment Processes

- Impact of active centers on catalytic activity of zeolite FeZSM-5 in the reaction of oxidizing destruction of Rhodamine G dye. I. B. Kovban, I. V. Stolyarova, R. V. Prikhodko, Yu. V. Topkin, M. S. Sychev and V. V. Goncharuk. 319 1
- Photocatalytic destruction of *o*-nitrophenol on dispersed TiO₂ in aqueous solutions. V. V. Shimanovskaya, T. A. Khalyavka, Ye. I. Kapinus, and T. I. Viktorova. 333 10

Water Treatment and Demineralization Technology

- Use of ferrous coagulants in natural and wastewater treatment processes. A. V. Mamchenko, I. I. Deshko, V. M. Pustovit, and T. I. Yakimova. 342 16
- Assessment of resource capabilities of activated carbon in add-on purification processes of tap water. N. A. Klimenko, L. A. Savchina, A. O. Samsonov-Todorov and I. P. Kozyatnik. 356 24
- Water purification of enterobacteria by ceramic membranes. T. Yu. Dulneva, D. D. Kucheruk and G. N. Dmitrenko. 370 34
- The study of physicochemical regularities in purifying process oil-containing waters. N. V. Kulalaeva. 380 40

Biological Methods of Water Treatment

- Filamentous swelling of activated sludge and the effect of removing nutrient substances. A. I. Shchetinin, V. A. Yurchenko, B. Yu. Mikhnev, V. A. Melnik and I. A. Korobkina 394 48

Natural Waters

- New approaches to the assessment of balneological properties of polymetallic mineral waters of Ukraine. N. P. Moiseyeva, V. M. Shestopalov, N. A. Druzhina, and A. Yu. Moiseyev.. 402 53