

Contents

Vol. 90, No. 13, 2020

Study of the Component Structure of the Metabolites of Bacteria <i>Nocardiopsis umidischolae</i> in the Search for Eco-Friendly Plant Protection Agents <i>L. N. Grigoryan, Yu. V. Bataeva, E. D. Andreeva, D. Kh. Zakar'yaeva, Z. O. Turaeva, and S. V. Antonova</i>	2531
Enantioselective Biocatalytic Reduction of Hexan-2-one, Catalyzed by <i>Petroselinum crispum</i> Cells <i>A. R. Chanysheva, N. V. Privalov, and V. V. Zorin</i>	2542
Biosorption of Metal Ions by <i>Spirulina plantensis</i> Microalga <i>Gh. Duca, I. Zinicovscaia, and D. Grozdov</i>	2546
Komsomolsk Tin-Ore District Mining Technogenic System and Parameters of Hypergene and Technogenic Mineral Formation Therein (Far East of Russia) <i>V. P. Zvereva and K. R. Frolov</i>	2552
Atmospheric Air Pollution with Polycyclic Aromatic Hydrocarbons in the Krasnoyarsk Region Cities <i>A. O. Korunov, I. S. Khalikov, V. A. Surnin, M. A. Zapevalov, and V. G. Bulgakov</i>	2563
Content of Rare-Earth Elements in Soils of Technogeochemical Anomalies <i>A. A. Artemenkov</i>	2573
Potential Complexing Ability of Surface Water Organic Matter: I. Role of Various Groups in Metal Ion Binding <i>P. N. Linnik, V. A. Zhezherya, and V. P. Osipenko</i>	2582
Violation of Environmental Standards for Inorganic Nitrogen Compounds in Glacial Rivers of the Central Caucasus in 2017–2019 <i>L. Z. Zhinzhakova</i>	2593
Seasonal Dynamics of Heavy Metal and Arsenic Content of Water and Sediments of the Srepok River (Vietnam) <i>N. A. Chernykh, Yu. I. Baeva, and Ngo The Cuong</i>	2598
Integrated Approach to Conservation and Regeneration of Forest Resources of Russia <i>I. V. Shugalei, A. P. Voznyakovskii, and L. T. Krupskaya</i>	2606
Modeling the Effects of Major Pollutants on the Quality of Atmospheric Air in a Large Industrial Center <i>T. V. Kolobashkina, A. S. Smirnova, B. Ya. Litvinov, R. N. Tselms, and N. N. Skoriantov</i>	2612
Environmental and Toxicological Assessment of the Quality of Water in the Lake Bienda-Stemme (Western Spitsbergen) <i>G. T. Frumin and A. S. Demeshkin</i>	2619
Elemental Composition of Needles of the Family <i>Pinaceae</i> in the Territory with Accumulated Environmental Damage, Southern Baikal Region <i>O. A. Belykh, E. V. Chuparina, and A. V. Mokryy</i>	2622
Hogweed Biomass as a Raw Material for Producing 2D Nanocarbons: An Environmental Aspect <i>A. P. Voznyakovskii, A. Yu. Neverovskaya, A. A. Voznyakovskii, A. P. Karmanov, and I. V. Shugalei</i>	2627
Practical Applications of Tetraene Macrolide Antibiotic Lucensomycin as an Eco-Friendly Fungicide <i>V. V. Belakhov</i>	2632
Influence of Abiotic Environmental Factors on the Chemical Composition of <i>Ahnfeltia tobuchiensis</i> in the Peter the Great Gulf (Sea of Japan) <i>I. A. Kadnikova, T. I. Vishnevskaya, and N. M. Aminina</i>	2650
Modeling the Competitive Heavy Metal Sorption onto Sediments with the Use of Multifactorial Experiment <i>R. L. Levit and V. A. Kudryavtseva</i>	2654
Evaluation of Heavy Metal Pollution in the Vicinity of the Shnokh River by the Geoaccumulation Index <i>A. R. Sukiasyan, A. A. Kirakosyan, and G. P. Pirumyan</i>	2659
Contribution of Aqueous Component to Technogenic Waters in Technogenic Mining Systems of the Dalnegorsk District <i>V. P. Zvereva, A. I. Lysenko, and K. R. Frolov</i>	2664

Seasonal Variation and Spatial Distribution of the Content of Benzo(a)pyrene in the Atmospheric Air in the Russian Federation	
<i>A. O. Korunov, I. S. Khalikov, and V. A. Surnin</i>	2670
Changes in Zooplankton Structure in an Experimental System at the Isolation of Plankton-Eating Fish	
<i>T. N. Gerasimova, P. I. Pogozhev, and A. P. Sadchikov</i>	2681
Predicting Toxicity Parameters of Harmful Substances for Hydrobionts	
<i>G. T. Frumin</i>	2687
Potential Complexing Ability of Surface Water Organic Matter:	
II. Toxicity of Metal-Containing Aquatic Environment	
<i>P. N. Linnik, V. A. Zhezherya, and L. S. Kipnis</i>	2691
Heavy Metals in Macrozoobenthos and Sediments of the Coastal Zone of the Eastern Gulf of Finland	
<i>R. L. Levit, T. D. Shigaeva, and V. A. Kudryavtseva</i>	2700
Interactions in the Detritus–Dissolved Organic Matter–Bacteria–Algae System in Freshwater Ecosystems of Different Trophic Levels: Water Quality Formation	
<i>A. P. Sadchikov and S. A. Ostroumov</i>	2708
Biological Activity and Potential Applications of 12-Bromo- and 12-Sulfodehydroabietic Acids and Their Potassium Salts	
<i>L. M. Popova, O. B. Ivanchenko, A. O. Anisimova, S. V. Vershilov, and A. S. Tsyruhnikova</i>	2717
