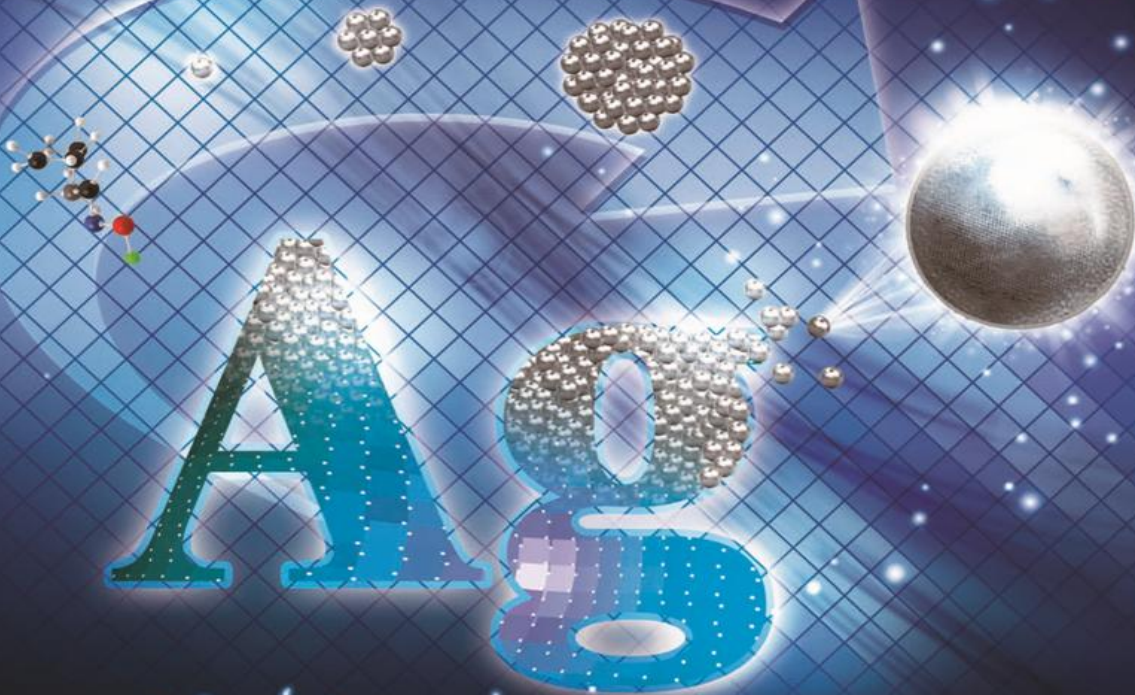


# New Materials Compounds and Applications



*Vol.6, No.2, 2022*

# CONTENTS

## Vol.6, No.2, 2022

**T.V. Shevchenko, Yu.V. Ustinova, E.O. Ermolaeva, D.M. Borodulin (pp.105-112)**

Control of conformational structures of polyacrylamide macromolecules

**G.G. Valiyeva (pp.113-118)**

The catalytic reduction of nitrates by bi- and trimetallic nanoparticles for soil purification

**F.T. Murvatov, B.T. Usubaliyev, N.I. Mammadova, A.G. Karimova (pp.119-126)**

Development of nanostructured composite compound for impact on the bottomhole area (BA) in utilization wells for the management of produced water (on the Siyazan field example)

**W.H. Al-husseney, I.F. Al-sharuee, B.R. Ali (pp.127-139)**

Water glass based superhydrophobic silica aerogel in different environmental of preparation

**N.N. Mursakulov, N.N. Abdulzade, S.H. Jabarov, Ch.E. Sabzalieva (pp.140-147)**

Investigation of  $CuIn_{1-x}Ga_xSe_2$  thin films for solar cells obtained by the magnetron sputtering method from two magnetrons shifted to each other

**V.P. Kalimuthu, S.K. Jeyaraj, S. Jeyaraj (pp.148-161)**

Screening and optimization of polyhydroxy alkanoate (PHA) production from isolated microbial strains in Coimbatore, Tamilnadu, India

**T.M. Alakbarova (pp.162-168)**

Physicochemical interactions in  $TlBiTe_2$ - $Tl_8GeTe_5$  ( $Tl_2GeTe_2$ ) systems

**T. Ilyasly, D. Hasanova, H. Huseynova (pp.169-176)**

Glass formation and properties of the glasses of the Ho-As-S system along  $As_2S_3$ -Ho and AsS-Ho cross-sections

**F.M. Mamedaliyeva (pp.177-183)**

Regularities of preparation and properties of symmetrical polyamidosulfoimides

**K.X. Aghayeva, V.L. Baghiyev (pp.184-189)**

Dependence of the activity in the reaction of ethanol oxidation of molybdenum-tungsten oxide catalysts on the specific surface area