

Contents

Research Articles

- 1 – The effects of mechanical activation on corrosion resistance of cordierite ceramics **83–88**
Can Serkan Keskin, Ceren Ayna Çakır, Hüseyin Altundağ, Nil Toplan, Hüseyin Özkan Toplan*
- 2 – A green liquid chromatographic method using ethanol in mobile phase for the determination of nimesulide and naproxen in gel formulations **89–97**
Sercan Yıldırım
- 3 – Electrochemical properties of non-peripherally and peripherally tetra-[(1-benzylpiperidin-4-yl)oxy] substituted phthalocyanines **98–106**
Asiye Nas, Gülsev Dilber, Zekeriya Biyiklioglu*
- 4 – Adsorption of hexavalent chromium from aqueous solution onto corn cobs – activated carbon **107–117**
*Pinar Bozbeyoglu, Ali Gundogdu**
- 5 – Green synthesis and structural characterization of ZnO nanoparticles and ZnO@TiO₂ nanocomposites by *Cinnamomum verum* bark extract **118–123**
*Gökçenur Selva Keleşoğlu, Mesut Özdiñcer, Aslıhan Dalmaz, Kübra Zenkin, Sefa Durmuş**
- 6 – Geochemical evaluation of the genetic relationship of Kısacık (Ayvacık, Çanakkale/Türkiye) epithermal gold mineralization using trace and rare earth elements **124–136**
Alaaddin Vural
- 7 – Synthesis of axially di- and peripherally tetra-(4-[(1E)-(4-methoxyphenyl)-methylene]amino)phenoxy) group substituted metallophthalocyanines and their electrochemistry **137–142**
Hüseyin Baş, Zekeriya Biyiklioglu*
- 8 – Antioxidant activity and in vitro/in silico acetylcholinesterase and urease enzyme inhibition effects of amygdalin **143–150**
Zehra Can, Yakup Kar, Halil İbrahim Güler, Ceren Birinci, Sevgi Kolaylı*
- 9 – Evaluation of biological activities of silver nanoparticles (AgNPs) synthesized by green nanotechnology from birch (*Betula* spp.) branches extract **151–161**
Burçin Özçelik, Aslı Kara*