

Natural and Engineering Sciences

Volume 1, No: 3, November 2016

<http://www.nesciences.com>

Contents

- Performance Evaluation of Mobile Base Station under different Network Sizes on Cluster-Based Wireless Sensor Networks 1-9
Kadir Tohma*, İpek Abasıkeleş Turgut, Cuma Celal Korkmaz, Yakup Kutlu
- Antibacterial Actions and Potential Phototoxic Effects of Volatile oils of *Foeniculum* sp. (fennel), *Salvia* sp. (sage), *Vitis* sp. (grape), *Lavandula* sp. (lavender) 10-22
Elif Ayse Erdogan Eliuz*, Deniz Ayas, Gulden Goksen
- Microsatellite loci for Black Sea turbot *Scophthalmus maeoticus* 23-36
Serpil Karan, Servet Ahmet Doğdu, Ali Uyan, Mevlüt Gürlek, Deniz Ergüden, Cemal Turan*
- First record of red lionfish, *Pterois volitans* (Linnaeus, 1785) in the Mediterranean Sea 27-32
Mevlüt Gürlek*, Deniz Ergüden, Ali Uyan, Servet Ahmet Doğdu, Deniz Yağlıoğlu, Bayram Öztürk, Cemal Turan
- An Assessment of Egg Size in The Green Turtle (*Chelonia mydas*) on Samandağ Beach, Turkey 33-41
Bektaş Sönmez
- Environmental DNA for Detection of Endangered Grouper Species (*Epinephelus* spp.) 42-48
Servet Ahmet Doğdu, Cemal Turan*
- The Effects of Rosemary Extract (*Rosemaria officinalis*) as a Feed Additive on Growth and Whole-body Composition of the African Catfish (*Clarias gariepinus* (Burchell, 1822)) 49-55
Funda Turan*, Damla Yiğitarslan
- Population Structuring and Migration Pathway of Atlantic bonito *Sarda sarda* 56-65
Cemal Turan*, Petya Ivanova, Alen Soldo
- Genetic barcoding and preliminary phylogenetic analysis of Serranidae species from Maltese coastal waters, with a perspective on their Mediterranean phylogeography 66-77
Adriana Vella*, Noel Vella
- The first record of the longjaw squirrelfish, *Holocentrus adscensionis* (Osbeck, 1765) (Holocentriformes: Holocentridae), in the Mediterranean Sea 78-85
Adriana Vella*, Noel Vella, Sandra Agius Darmanin