

Volume Editor: Prof. PhD. habil. Antoaneta ENE

**SUMMARY**

<b><i>Papers presented at the 12th Scientific Conference of Doctoral Schools from “Dunarea de Jos” University of Galati (CCSD-UDJG 2024), Galati, June 6-7, 2024 Section 2 - ADVANCED INVESTIGATION METHODS IN ENVIRONMENT AND BIOHEALTH</i></b>	
<b>Characterization of flavonoids: an explorative review .....</b> Cristina (Paraschiv) Nedelcu, Steluța Gosav, Mirela Praisler	1-4
<b>The use of interpolation polynomials in the approximation of functions: comparative study .....</b> Stefanut Ciochina	5-10
<b>The content, dynamics and migration of As in the Prut River during the 2020-2023 years .....</b> Petru Ciorba	11-16
<b>Vegetal layer restoration of contaminated sites from petroleum industry using sewage sludge .....</b> Cristian Mugurel Iorga, Cătălina Maria Țopa, Georgiana Ghisman, Alina Ceoromila Cantaragiu, Mihaela Marilena Stancu	17-23
<b><i>Regular papers</i></b>	
<b>Algorithms for pollutants forecasting .....</b> Corina Dima	24-30
<b>Algorithmic approach to the finite element approximation method .....</b> Nina N. Cazacu	31-39