

BIOLOGY

ALEKO MIHO, FERDINAND BEGO, ERMELINDA GJETA, JAKOB SCHENLLER,
AGIM SINOIMERI, MAJLINDA MEÇAJ, FUNDIME MIR, ARIOL RAMA, ENI
HOXHA, ILDA METANI 5-33

ON SPRING BIODIVERSITY AND NATURE CONSERVATION IN THE VJOSA
BASIN, ALBANIA

BRUNILDA MEZANI, ANILA MITRE 34-42

INTEGRATED MULTI-BIOMARKER PANEL FOR PHEOCHROMOCYTOMA
DIAGNOSIS: FRACTIONATED METANEPHRINS, VANILLYLMANDYLIC ACID,
CLINICAL CASE

DHIMITER PEÇI, ALFRED MULLAJ, ARSEN PROKO 43-51

FLORISTIC DIVERSITY OF NEMERCKA MOUNTAIN IN ALBANIA

CHEMISTRY

AUREL NURO, BLEDAR MURTAJ 52-67

ASSESSMENT OF PETROLEUM-RELATED HYDROCARBONS IN
AGRICULTURAL SOILS OF THE PATOS–MARINZA AREA

SADIK CENOLLI, MAJLINDA VASJARI, ALMA SHEHU, NEVILA BROLI, ANA
AMEDA, LUEDA KULLA, BESNIK BARAJ 68-82

A BDDP-MODIFIED CPE FOR ELECTROCHEMICAL DETERMINATION OF
AZITHROMYCIN IN REAL WATER SAMPLES

INFORMATICS

ODETA SHKRELI, JONIDA KITA 83-100

A HYBRID RENDERING ARCHITECTURE FOR SEO-ORIENTED
MULTILINGUAL E-COMMERCE IN EMERGING MARKETS

OLTI QIRICI 101-117

ASSESSING SEVERAL LOCAL LLMS FOR A TEXT TO SQL SOLUTION

PHYSICS

BRIKENA VUÇAJ, KOZETA TUSHE, DRITAN PRIFTI, ZELIHA MUÇO 118-135

**APPLICATION OF RADIOLOGICAL CLEARANCE CRITERIA FOR THE
DECOMMISSIONING OF NUCLEAR MEDICINE DEPARTMENT IN ALBANIA**

XHOVANA CAKE, RUDINA OSMANAJ, EDLIRA HABILAJ 136-157

**DIGITAL COMPETENCE IN PHYSICS TEACHER EDUCATION: COMPARATIVE
CURRICULUM ANALYSIS AND EVIDENCE FROM ALBANIAN TEACHERS AND
STUDENT TEACHERS**

**PHYSICS CONFERENCE: "The International Conference and Winter School on
Measurement, Modelling and Data Science in Research Innovation IC-MMDSRI 2025,
Tirana, 15-17 December 2025"** <https://icmmdsri2025.my.canva.site/>

ALKIDA LLAKAJ 158-170

**A PARTIAL CREDIT APPROACH FOR STUDYING PEOPLE'S PERCEPTION
FOR LEGISLATIVE AND FISCAL POLICY EFFICIENCY**

**ALTIN MELE, MARIZA ANDONI, ARDITA MELE, ELVA DURO, JETA LICA,
LORENCI GJURGJAJ, ISUELA KARÇINI, ANTONINA MEMA 171-184**

**HIGH PRESSURE EQUIPMENT FOR DETERMINATION OF P-V-T-X DATA OF
GAS-LIQUID PHASE EQUILIBRIA**

IRENA DUSHI, KOZETA TUSHE, MERITA XHIXHA 185-201

**PRE-SEISMIC INDOOR RADON ANOMALY ASSOCIATED WITH THE 5
OCTOBER 2022 ZALL-BASTAR EARTHQUAKE (CENTRAL ALBANIA)**

IRENA MUÇOLLARI, ERVIS GEGA, KLAUDIA KAÇORI, FOTION MITRUSHI

**APPLICATION OF MCP-N DETECTORS FOR ROUTINE RADIATION
DOSIMETRY OF RADSOURCE -2400Q IRRADIATOR 202-216**

JAMIE PETER SWITHENBANK 217-240

**AN EMPIRICAL GENERAL RELATIVITY AND ELECTROMAGNETISM
APPROACH FOR A SIX DIMENSIONAL CHRONO-ROTATING SUPERFLUID
STRING**

**MARGARITA KUQALI, YLLI KAÇIU, BLERIM RRAKAQI, NJOMZA ELEZAJ,
ISMET BAJRAMI, GAZMEND NAFEZI** 241-253

**TEMPORAL ANALYSIS OF INDOOR RADON DYNAMICS USING HIGH-
RESOLUTION MONITORING DATA**

ERGENA ABAZI, DRITAN PRIFTI, KOZETA TUSHE 254-265

**OVERVIEW OF RADIATION DETECTORS AND METHODS FOR OPTIMIZING
MEASUREMENTS ACCURACY**

ERVIS GEGA, ELDA SPAHIU, KLAUDIA KAÇORI 266-282

**STUDY OF BIFURCATIONS AND STABILITY IN NEURONAL OSCILLATION
MODELS THROUGH NUMERICAL ANALYSIS**

RUDIN HOXHA 283-302

**OPTIMIZATION OF HISTOGRAMS IN HYDROLOGICAL TIME SERIES
ANALYSIS: A COMPARATIVE DATA-DRIVEN APPROACH**

MATHEMATICS

SILVJA ÇOBANI, ELIDA HOXHA 303-316

**MENGER PM SPACES OF HYPERBOLIC TYPE AND FIXED POINT RESULTS
FOR FUNDAMENTALLY NONEXPANSIVE MAPPINGS**