

# Contents

## Editorial

SCIENCE PARADIGM AND PUBLISHING ADEQUACY: WHAT WE WOULD LIKE TO READ IN SCIENTIFIC JOURNALS Todar Lakhvich .....	5
---	---

## Articles

PRESERVING AFRICAN LANGUAGES AND TERRITORIAL INTEGRITY IN THE FACE OF EDUCATION AND GLOBALIZATION Ayodeji Olasunkanmi Abari, Idowu Olufunke Oyetola, Adedapo Adetayo Okunuga .....	8
MODULAR AND BRANCHED STRUCTURE OF INDIVIDUALIZED INTELLIGENT E-LEARNING MATERIALS FOR SCIENCE AND TECHNOLOGY SUBJECT COURSE Kosta Dolenc, Igor Pesek, Boris Aberšek .....	16
WIKIS AND POWERPOINT AS COGNITIVE DEVELOPMENT TOOLS IN SCIENTIFIC LITERACY: A PROPOSED HEURISTIC André du Plessis .....	25
INTEGRATING VISUALIZATIONS IN SCIENCE TEACHING: TEACHERS' DIFFICULTIES AND PEDAGOGICAL APPROACHES Celeste Ferreira, Mónica Baptista, Agnaldo Arroio .....	48
SOCIAL NETWORKING WEBSITES FROM THE POINT OF VIEW OF UNIVERSITY STUDENTS: A COMPARATIVE ANALYSIS Vincentas Lamanauskas, Violeta Šlekienė, Loreta Ragulienė, Dragos Iordache, Costin Pribeanu, Martin Bilek, Bulent Cavas, Tatyana Mazurok .....	61
AGE-APPROPRIATENESS OF THE SCIENTIFIC VOCABULARY FOR BEGINNING READERS Mare Müürsepp .....	79
ON POPULARIZATION OF SCIENTIFIC EDUCATION IN ITALY BETWEEN 12TH AND 16TH CENTURY Raffaele Pisano, Paolo Bussotti .....	90
PEDAGOGY 1:1 IN HIGHER EDUCATION: A CASE STUDY Mateja Ploj Vrtič, Uroš Župerl, Marija Javornik Krečič .....	102
SUBJECT AREA TEACHERS' PROFESSIONAL COMPETENCE DEVELOPMENT NEEDS DURING THE TRANSITION TO TEACHING IN A SECOND LANGUAGE Katri Raik, Igor Kostyukevich, Jelena Rootamm-Valter .....	111
CHARACTERIZATION OF THE DEVELOPMENT OF A COMMUNITY OF PRACTICE TO SUPPORT PRE-SERVICE CHEMISTRY TEACHERS Valéria C. Santos, Agnaldo Arroio .....	124

INQUIRY-BASED PHYSICS EDUCATION BY USING SCIENCE LEARNING SYSTEM <i>XPLORER GLX</i> Violeta Šlekienė, Loreta Ragulienė .....	133
LEARNING AND TEACHING IN THE CONTEXT OF THE VALUE-BASED APPROACH AT THE YOUNGER SCHOOL LEVEL Leida Talts, Airi Kukk .....	142
<b>Information</b>	
INSTRUCTIONS FOR AUTHORS .....	153
QUALITY ISSUES AND INSIGHTS IN THE 21 <sup>st</sup> CENTURY .....	155
PROBLEMS OF PSYCHOLOGY IN THE 21 <sup>st</sup> CENTURY .....	156
PROBLEMS OF MANAGEMENT IN THE 21 <sup>st</sup> CENTURY .....	157