CONTENTS

Editorial

PROPOSALS FOR SMALL STEPS TOWARD REPRODUCIBILITY OF SCIENCE EDUCATIONAL STUDIES	
Andrej Šorgo	2
Articles	
AGRICULTURAL STUDENTS' KNOWLEDGE OF PHOTOSYNTHESIS AND THE CONTEXTUAL FACTORS THAT INFLUENCE IT	
Katja Gobec, Jelka Strgar	6
THE IMPACT OF A SCIENCE METHODS COURSE ON FEMALE PRE-SERVICE TEACHERS' BELIEFS WITHIN A SAUDI-ARABIAN CONTEXT	
Amani K. Hamdan Alghamdi, Sun Young Kim	19
A STUDY OF FACTORS AFFECTING SCIENCE ACHIEVEMENTS OF JUNIOR HIGH SCHOOL FEMALE STUDENTS	
Chun-Chu Liu, Tse-Yu Wang	39
THE EFFECTS OF INQUIRY-BASED LEARNING AND LEARNING STYLES ON PRIMARY SCHOOL STUDENTS' CONCEPTUAL UNDERSTANDING IN MULTIMEDIA LEARNING ENVIRONMENT	
Dek Ngurah Laba Laksana, I Wayan Dasna, I Nyoman Sudana Degeng	51
DEVELOPMENT AND VALIDATION OF A SURVEY INSTRUMENT (AKA) TOWARDS ATTITUDE, KNOWLEDGE AND APPLICATION OF STEM	
Bevo Wahono, Chun-Yen Chang	63
A FEASIBLE GUIDANCE FOR ORDERED MULTIPLE-CHOICE ITEMS IN STUDENTS' HIERARCHICAL UNDERSTANDING LEVELS	
King-Dow Su	77
IDENTIFICATION OF THE INTEREST OF TURKISH MIDDLE-SCHOOL STUDENTS IN STEM CAREERS: GENDER AND GRADE LEVEL DIFFERENCES	
Ayşegül Ergün	90
TEACHERS' SELF-CONCEPT AND ITS BENEFITS FOR SCIENCE EDUCATION Jelena Ž. Maksimović, Jelena S. Osmanović	105
THE IMPLEMENTATION OF MIND MAPS IN TEACHING PHYSICS: EDUCATIONAL EFFICIENCY AND STUDENTS' INVOLVEMENT	
Zvezdan Z.Gagić, Sonja J. Skuban, Branka N. Radulović, Maja M. Stojanović, Olivera Gajić	117
ROLE AND MEANING OF FUNCTIONAL SCIENCE, TECHNOLOGICAL AND ENGINEERING LITERACY IN PROBLEM-BASED LEARNING	
Zvonka Cencelj, Metka Kordigel Aberšek, Boris Aberšek, Andrej Flogie	132
Information	
INFORMATION FOR CONTRIBUTORS	147