

CONTENTS**Editorial**

USER-FRIENDLY REPORTING OF RESEARCH FINDINGS FROM A QUESTIONNAIRE Andrej Šorgo	632
--	-----

Articles

THE CONTRIBUTION OF DEMONSTRATION AND STUDENT-LED EXPERIMENTS ON THE STUDENTS' KNOWLEDGE QUALITY IN THE THIRD GRADE OF PRIMARY SCHOOL Stanko Cvjetičanin, Mirjana Maričić	634
---	-----

THE VALIDITY AND EFFECTIVENESS OF PHYSICS INDEPENDENT LEARNING MODEL TO IMPROVE PHYSICS PROBLEM SOLVING AND SELF-DIRECTED LEARNING SKILLS OF STUDENTS IN OPEN AND DISTANCE EDUCATION SYSTEMS Paken Pandiangan, I Gusti Made Sanjaya, Budi Jatmiko	651
---	-----

THE EFFECTS OF MULTIPLE INTELLIGENCES BASED INSTRUCTION ON STUDENTS' PHYSICS ACHIEVEMENT AND ATTITUDES Deniz Gurcay, Hatice Ozturk Ferah	666
--	-----

PHYSICS ANXIETY OF PRE-SERVICE TEACHERS AND THEIR SELF-EFFICACY BELIEFS: DIFFERENCES ACCORDING TO GENDER AND PHYSICS ACHIEVEMENT Serap Çalışkan	678
---	-----

INFORMATIONAL VALUE OF SUBMICROSCOPIC REPRESENTATIONS IN SLOVENIAN CHEMISTRY TEXTBOOK SETS Špela Hrast, Vesna Ferk Savec	694
--	-----

THE ECOLOGICAL WORLDVIEWS AND LOCAL ENVIRONMENTAL CONCERNS AMONG SECONDARY SCHOOL TEACHERS Lwun-Syin Lwo, Jim- Hua Fu, Cheng-Chieh Chang	706
--	-----

EDUCATIONAL EFFECTIVENESS OF THE 5E MODEL FOR SCIENTIFIC ACHIEVEMENT OF STUDENTS WITH HEARING IMPAIRMENT Zahida Parveen	723
---	-----

TACTIC FULFILLMENTS OF THREE CORRELATIONS FOR PROBLEM-SOLVING MAPS AND ANIMATED PRESENTATIONS TO ASSESS STUDENTS' STOICHIOMETRY PERFORMANCES King-Dow Su	733
--	-----

THE APPLICATION OF CONCEPT MAPS IN THE TEACHING OF POLLINATION AND POLLINATORS IN ELEMENTARY SCHOOL Jelena D. Stanisavljević, Mirka M. Bunijevac, Ljubiša Ž. Stanisavljević	746
---	-----

EFFECT OF PROBLEM-BASED LEARNING ON IMPROVEMENT PHYSICS ACHIEVEMENT AND CRITICAL THINKING OF SENIOR HIGH SCHOOL STUDENT Mundilarto, Helmiyanto Ismoyo	761
---	-----

HISTORY OF CHEMISTRY AS A PART OF ASSESSMENT OF STUDENTS' UNDERSTANDING OF THE LAW OF CONSERVATION OF MASS Vesna D. Milanovic, Dragica D. Trivic	780
--	-----

THE EFFECTS OF CURRICULUM, GENDER AND STUDENTS' FAVORITE SCIENCE SUBJECT ON INDONESIAN HIGH-SCHOOL STUDENTS' CONCEPTIONS OF LEARNING SCIENCE Arif Rachmatullah, Sariwulan Diana, Minsu Ha	797
---	-----

EXPLORING STUDENTS' UNDERSTANDING IN MAKING A DECISION ON A SOCIOSCIENTIFIC ISSUE USING A PERSUASIVE GRAPHIC ORGANISER Mastura Halim, Rohaida Mohd Saat	813
---	-----

Information

INFORMATION FOR CONTRIBUTORS	825
-------------------------------------	-----

PROBLEMS OF PSYCHOLOGY IN THE 21ST CENTURY	826
---	-----

QUALITY ISSUES AND INSIGHTS IN THE 21ST CENTURY	827
--	-----

