

CONTENTS

Editorial

CRISES OF THE WORLD, CRISES OF THE SCIENCE EDUCATION? LET'S TAKE A CRISIS AS AN OPPORTUNITY!

Svatava Janoušková, Martin Bílek 744

Articles

A FOUR-TIER DIAGNOSTIC TEST TO DETERMINE PRE-SERVICE SCIENCE TEACHERS' MISCONCEPTION ABOUT GLOBAL WARMING

Ayşe Ceren Atmaca Aksoy, Sinan Erten 747

DIFFERENCES IN CHEMISTRY TEACHERS' ACCEPTANCE OF EDUCATIONAL SOFTWARE ACCORDING TO THEIR USER TYPE: AN APPLICATION OF EXTENDED UTAUT MODEL

Kateřina Chroustová, Andrej Šorgo, Martin Bílek, Martin Rusek 762

MULTILEVEL LATENT PROFILE ANALYSIS OF ESTONIAN SECONDARY SCHOOL STUDENTS' CAREER EXPECTATIONS WITH SCIENCE ACHIEVEMENT AND GENDER AS COVARIATES

Tao Jiang, Ji-gen Chen, Ping-chuan Xu, Ping-fei Zeng 788

TEACHING OF CRITICAL THINKING SKILLS BY SCIENCE TEACHERS IN JAPANESE PRIMARY SCHOOLS

Hiroyoshi Kinoshita 801

RASCH MODELLING TO EVALUATE REASONING DIFFICULTIES, CHANGES OF RESPONSES, AND ITEM MISCONCEPTION PATTERN OF HYDROLYSIS

Lukman A. R. Laliyo, Akram La Kilo, Mardjan Paputungan, Wiwin Rewini Kunusa, Lilan Dama, Citra Panigoro 817

DEVELOPING COMMUNICATION COMPETENCE IN DIGITAL LEARNING ENVIRONMENTS FOR PRIMARY SCIENCE STUDENTS

Polonca Legvart, Metka Kordigel Aberšek, Maja Kerneža 836

EFFECTS OF INQUIRY LEARNING WITH DIFFERENT TASK ORDERS ON FIFTH GRADERS' INDIVIDUAL AND SITUATIONAL INTEREST AND CONCEPT ACHIEVEMENT IN SCIENCE EDUCATION

Yinsheng Liu, Wei He, Li Zhao 849

EFFECT OF INQUIRY-BASED LEARNING ON STUDENTS' ATTITUDE TOWARDS LEARNING BIOLOGY AT UPPER SECONDARY SCHOOLS IN RWANDA

Henriette Manishimwe, William Aino Shivoga, Venuste Nsengimana 862

RESEARCH TRENDS AND ISSUES INCLUDING COMPUTATIONAL THINKING IN SCIENCE EDUCATION AND MATHEMATICS EDUCATION IN THE REPUBLIC OF KOREA

Woongbin Park, Hyuksoo Kwon 875

EFFECTS OF SOCIO-SCIENTIFIC ISSUES BASED ON THINKING MAPS APPROACH ON FUTURE THINKING OF SECONDARY SCHOOL STUDENTS

Nyet Moi Siew, Mohammad Syafiq Abd Rahman 888

Information

INFORMATION FOR CONTRIBUTORS 902

PROBLEMS OF PSYCHOLOGY IN THE 21ST CENTURY 903

