Advisory Board

Assoc. Prof. Fasasi Yunus Adebunmi, NIGERIA
Asst. Prof. Abdelrahman Mohamed Ahmed, OMAN
Assoc. Prof. Orhan Akınoglu, TURKEY
Dr. Mohammad Akram, SAUDI ARABIA
Assoc. Prof. Nor A. Alias, MALAYSIA
Prof. Akmatalti Alimbekov, KIRGYZSTAN
Assoc. Prof. Ali Al-Issa, OMAN
Prof. Khaled Al-Ajlouni, JORDAN
Asst. Prof. Hussain Alkharusi, OMAN
Prof. Isela Almaguer, USA
Assoc. Prof. Abdu Mohammed Al-Mekhlal, OMAN
Prof. Waleed K. A. Ahmed Alzand, KUWAIT
Prof. Abdullah Ambusaidi, OMAN
Prof. Neil J. Anderson, USA
Assoc. Prof. Derek L. Anderson, USA
Assoc. Prof. Eyyp Arvinli, TURKEY
Prof. Joel B. Babalola, NIGERIA
Assoc. Prof. Evangelos Bebetsos, GREECE
Asst. Prof. Santosh Kumar Behera, INDIA
Assoc. Prof. Thalia Bellali, GREECE
Assoc. Prof. Mary Jo Garcia Biggs, USA
Prof. Larry Boles, USA
Prof. Dele Brimoh, SOUTH AFRICA
Prof. Robert Burden, UNITED KINGDOM
Prof. Marilyn Campbell, AUSTRALIA
Assoc. Prof. G. Nathan Carnes, USA
Dr. Carmencita L. Castolo, PHILIPPINES
Assoc. Prof. Yong-Fu Chang, TAIWAN
Lockias Chitanana, ZIMBABWE
Prof. Che Kum Clement, BANGLADESH
Prof. Dale Cook, USA
Prof. Valentina Dagiene, LITHUANIA
Assoc. Prof. Patrick Alan Danaher, AUSTRALIA

Asst. Prof. Rula Khzouz, JORDAN
Prof. Remzi Y. Kncal, TURKEY
Prof. Val Klenowski, AUSTRALIA
Asst. Prof. Yee Lai Kelly KU, HONG KONG
Prof. Colin Lankshear, AUSTRALIA
Prof. Kar-Tin Lee, AUSTRALIA
Assoc. Prof. Hsin-Chih Lin, TAIWAN
Hussain Ahmed Liton, SAUDI ARABIA
Assoc. Prof. Feng-Jung Liu, TAIWAN
Assoc. Prof. Manuel Lucero, SPAIN
Assoc. Prof. Zdena Lustigova, CZECH REPUBLIC
Prof. Ian Macdonald, AUSTRALIA
Prof. Lazarus Ndiku Makewa, KENYA
Asst. Prof. MD. Saiful Malak, BANGLADESH
Prof. Robin D. Mason, UNITED KINGDOM
Assoc. Prof. Mark A. Minott, CAYMAN ISLANDS
Dr. Norma T. Nemeh, JORDAN
Prof. Nel Noddings, USA
Prof. Yngve Troye Nordkvelle, NORWAY
Ngboawaji Daniel Nte, NIGERIA
Eylem Oruç, TURKEY
Prof. M. Çağatay Özdemir, TURKEY
Dr. Deborah Osberg, UNITED KINGDOM
Serkan Padem, TURKEY
Prof. M. santosh Panda, INDIA
Prof. Hitendra Pillay, AUSTRALIA
Prof. Reza Pishghadam, IRAN
Prof. Ken Purnell, AUSTRALIA
Prof. Christoph Randler, GERMANY
Prof. Norman Reid, UNITED KINGDOM
Dr. Heri Retnawati, INDONESIA
Prof. Sushanta Kumar Roul, INDIA
Prof. Peter A. Rubba, USA
## Contents

From The Editor  
Kerim Sarıgül .......................................................... i-iv

Aggressiveness Forms of Adolescents in Mono and Polyethnic Classes and Their Relationship with Interpersonal Relationship Types  
Angelica Pronina, Evgeniya Gerasimova .......................................................... 1-16

Development of Physics Lab Assessment Instrument for Senior High School Level  
Sarjono, Djamari Mardapi, Mundilarto .......................................................... 17-28

Six Levels of Indonesian Primary School Students’ Mental Model in Comprehending the Concept of Integer  
Anita Dewi Utami, Cholis Sa’dijah, Sabanji, Santi Irawati .......................................................... 29-44

The Effect of Communicative Activities on Libyan Secondary School Students’ Speaking Performance in Malaysia  
Eman Abdussalam Owen, Abu Bakar Razali .......................................................... 45-60

Identifying Similarities and Differences on How Deaf and Hard of Hearing Students Learn New Vocabulary Knowledge  
Faisl M. Alqraini .......................................................... 61-74

Exploring Metacognitive Judgment of Chemistry Teacher Candidates on Chemical Reading Activity  
Benny Yodi Sawuwu, Crys Fajar Partana .......................................................... 75-92

Fostering Creativity in Engineering Universities: Research Activity and Curriculum Policy  
Anatoly V. Kozlov, Svetlana A. Shemshurina .......................................................... 93-106

Satisfaction of Academic Specialization among Students of the Department of Educational Sciences and Its Relation to Self-Esteem  
Mahmoud Alsalkhi .......................................................... 107-122

Problem Solving Skills on Direct Current Electricity through Inquiry-Based Learning with PhET Simulations  
Lia Yuliati, Cycin Riantoni, Nandang Mufti .......................................................... 123-138

Translation Strategies Used in Behaviourist, Cognitive, and Constructivist Approaches to Translation Instruction  
Minoo Pourfarhadi, Mohammad Davoudi, Gholamreza Zareian, Seyyed Mohammad Reza Amirian .......................................................... 139-158

In-service Teacher Training: Problems of the Teachers as Learners  
Zeynep Ayvaz-Tuncel, Fatma Çobanoglu .......................................................... 159-174

A Qualitative In-depth Analysis of the Determinants and Outcomes of EFL Teachers’ Motivation and Demotivation  
Zahra Pourtousi, Afsaneh Ghanizadeh, Vahid Mousavi .......................................................... 175-1910

Analysis of Pisa 2012 Participant Countries’ Success Rankings in Terms of Their Patent Productivities  
Duygu İleritürk, Remzi Y. Kucal .......................................................... 191-206
Teacher-vs. Peer-mediated Learning of Grammar through Dynamic Assessment: A Sociocultural Perspective
Farid Khanahmadi, Mehdi Sarkhosh.................................................................207-222

EFL Teachers’ Learning and Teaching Beliefs: Does Critical Thinking Make a Difference?
Mehdi Dehghayedi, Mohammad Saleh Bagheri..............................................223-240

Development and Validation of an Integrated Assessment Instrument to Assess Students’
Analytical Thinking Skills in Chemical Literacy
Eka Adi Hiday, Endang W Laksono.................................................................241-256

University Instructors’ Teaching Experience and Their Perception of Professional Ethics:
Postulating a Model
Zeinab Kafi, Khalil Motallebzadeh, Hamid Ashraf...........................................257-270

Leadership in the University Student Environment: How to Become a Person-Oriented Leader
Anna V. Zorina, Alfiya Sh. Yarullina, Leysan A. Akhmetova, Milyausha R. Shaimardanova,
Svetlana R. Nikishina, Aygul A. Garipova........................................................271-286

Android-Assisted Mobile Physics Learning Through Indonesian Batik Culture: Improving
Students’ Creative Thinking and Problem Solving
Shabrina, Heru Kuswanto..................................................................................287-302

The Impact of Educational Material Use on Mathematics Achievement: A Meta-Analysis
Ümit Kul, Sedef Çelik, Zeki Aksu .......................................................................303-324

Effect of GeoGebra-Aided REACT Strategy on Understanding of Geometry Concepts
Silfanus Jelatu, Sariyasa, I Made Ardana...........................................................325-336

Suppression Effect of Sensation Seeking on the Relationship between General Self-Efficacy and
Life Satisfaction among Emerging Adults
Eyüp Çelik, Lokman Koçak..............................................................................337-352

Perceptions of Secondary School Students of the Social Science Class: A Study in Three
Colombian Institutions
Nancy Palacios Mena......................................................................................353-374

The Impact of Using Authentic Videos on Prosodic Ability among Foreign Language Learners
Ehsan Namaqazandost, Fariba Rahimi Esfahani, Arash Hashemifarnia ........................375-390

A Mixed Method Study of the Relationship between EFL Teachers’ Job Satisfaction and Job
Performance in Iran
Afshin Rezaee, Hoshang Khoshshima, Esmael Zare-Bahtash, Abdallah Sarani................391-408

The Practicality and Effectiveness of Collaborative Creativity Learning (CCL) Model by Using
PhET Simulation to Increase Students’ Scientific Creativity
Sri Astuti, Binara Kurnia Prahanti......................................................................409-424

Construction and Validation of Foreign Language Learners’ Dropout Questionnaire
Ghasem Modarresi, Elham Javan........................................................................425-444

The Knowledge-Base of Pre-Service and in-Service Iranian EFL Teachers in Teacher Education
Programs
Rahman Sahragard, Leila Saberi........................................................................445-466
Culture of Traits in Arabic Language Education: Students’ Perception of the Communicative Traits Model  
Abdelaziz M. Hussien……………………………………………………………………………………………………..467-484

Teacher Collaboration as a Mediator for Strategic Leadership and Teaching Quality  
Sit Noor Ismail, Abdul Ghani Kanesan, Fazleen Muhammad…………………………………………………………..485-498

Development and Validation of Student’s Responsibility Scale on Mathematics Learning Using Subject Scaling Model  
Kana Hidayati, Budiyono, Sugiman…………………………………………………………………………………………….499-512

Teaching and Learning Supervision, Teachers’ Attitude towards Classroom Supervision and Students’ Participation  
Yaacob Daud, Puteri Darishah Dali, Rozalina Khalid, Mohd Sofian Omar Fauzee ………………513-526

The Effect of Task-Based Language Teaching Instruction on the Iranian Intermediate EFL Learners’ Writing Performance  
Ali Derakhshan…………………………………………………………………………………………………………………………527-544

Traditional and Inquiry-Based Learning Pedagogy: A Systematic Critical Review  
Bilal Khalid Khalaf, Zahana Bt Mohammed Zin………………………………………………………………………………545-564

Augmented Reality Experience: Initial Perceptions of Higher Education Students  
Irfan Sural……………………………………………………………………………………………………………………………565-576

A Mixed-Method Study of the Effect of the Demonstration Method on Students’ Achievement in Financial Accounting  
Umar Inuwa, Zarifah Abdullah, Haslinda Hassan……………………………………………………………………………577-592

Open Inquiry in Facilitating Metacognitive Skills on High School Biology Learning: An Inquiry on Low and High Academic Ability  
Irwanidi Rahmat, Skonchai Chanunan…………………………………………………………………………………………593-606

Linking Homework to Achievement in Mathematics: An Examination of 8th Grade Arab Participation in TIMSS 2015  
Faisal Abdelfattah, Jasmine Lam………………………………………………………………………………………………607-624

Emotional Intelligence Enhancement Impacts on Developing Speaking Skill among EFL Learners: an Empirical Study  
Mohammad Reza Ebrahimi, Hooshang Khoshsima, Esmail Zare-Behtash, Tahereh Heydarnejad…………………………625-640

Classroom Management Style: Greek Teachers’ Perceptions  
Konstantina Koutouba, Despoina-Aristea Markarian, Eleni Sardianou……………………………………………………641-656

The Strengths and Weaknesses of Cooperative Learning and Problem-based Learning in EFL Writing Class: Teachers and Students’ Perspectives  
M. Ali Ghaftron, Siti Ermawati…………………………………………………………………………………………………657-672

Effects of the Metacognitive Learning Strategy on the Quality of Prospective Chemistry Teacher’s Scientific Explanations  
Parlan Parlan, Suhadi Ibru, Sri Rahayu, Suharti Suharti…………………………………………………………………….673-688

Views of Mathematics Student Teachers on Teacher Insights into the Teaching Process  
Semtha Kula Ünver………………………………………………………………………………………………………………689-700
Secondary School English Language Teachers’ Technological Skills in Bangladesh: A Case Study
Md. Abdur Rouf, Abdul Rashid Mohamed ................................................................. 701-716

Construct Ambiguity and Test Difficulty Generate Negative Washback: The Case of Admission Test of English Literature to Graduate Programs in Iran
Koumars Razavipour, Sayyed Rahim Moosavinia, Somayeh Atayi .................................. 717-732

Teacher Candidates’ Levels of Relating the Scientific Knowledge to Their Daily Lives
Burcu Anılan, Nurhan Atalay, Zeynep Kılıç ............................................................... 733-748

In-service Training for Chemistry Teachers’ Proficiency: The Intermediary Effect of Collaboration Based on Teaching Experience
Jimmi Copriady, Hutkemri Zulnaidi, Masmunai Alimin, Rustaman ................................ 749-760

The Factors Affecting Teacher-Motivation
Neşe Börü .................................................................................................................. 761-776

Promoting Critical Thinking and Problem Solving Skills of Preservice Elementary Teachers through Process-Oriented Guided-Inquiry Learning (POGIL)
Irwanto, Anip Dwi Saputro, Eli Rohaeti, A.K. Prodjosantos ........................................... 777-794

Paving the Way for Media Literacy Instruction in Preservice Teacher Education: Prospective Teachers’ Levels of Media Literacy Skills
Cahit Erdem, Bahadir Erşiçi ....................................................................................... 795-810

An Exploration of Factors Contributing to Students’ Unwillingness to Communicate in a Foreign Language across Indonesian Secondary Schools
Sri Kusuma Ningsih, Stephanie Narahara, Herri Mulyono ................................................ 811-824

Teachers’ Perceptions about the Relationship between 21st Century Skills and Managing Constructivist Learning Environments
Şengül S. Anagnost .................................................................................................. 825-840

Increasing Islamic Junior High School Students Learning Outcomes through Integration of Science Learning and Islamic Values
Nining Purwati, Siti Zubaidah, Aloysius Duran Corebima, Susriyati Mahanal .................. 841-854

The Readiness of Arabic Language Teachers for Integrating Flipped Classroom: Case of Ma'an Mustafa Jwaifell, Reema Abu-Omar, Mohammad Al-Tarawneh ................................. 855-868

Job Satisfaction as a Mediator between Directive and Participatory Leadership Styles toward Organizational Commitment
Humuntal Banjarnahor, Wesly Hutabarat, Abdul Muin Sibuea, Manihar Situmoran ........ 869-888

Pocket Book Based on Comic to Improve Conceptual Understanding of Child Sex Abuse (CSA): A Case Study of Elementary School
Winarto, Ujang Khiyarsoleh, Aqib Ardiyansyah, Insih Wilujeng & Sukardiyono .............. 889-900

Content Analysis of Theses and Articles on Ethical Leadership
Semra Kırnati Günsür ...................................................................................................... 901-920

The Instrument Development to Evaluate Local Curriculum in Indonesia
Dedek Andrian, Badrun Kartowagiran, Samsul Hadi ..................................................... 921-934
The Relationship between Academic Motivations and University Students’ Attitudes towards Learning
Adnan Tasgin, Göksel Coskun .................................................................935-950

Effect of Mastery Learning Approach on Senior School Students’ Academic Performance and Retention in Circle Geometry
Saidat Morenike Adeniji, Saka Khadijat Ameen, B. U. Dambatta, Razak Orilonise ..........951-962