# JCER

# **International Journal of Contemporary Educational Research**

December 2021

Volume: 8

Issue: 4

e-ISSN: 2148-3868

http://ijcer.net/

# Editor-in-Chief

Mustafa Savcı, *Fırat University, Turkey* 

## Editors

Mustafa Özgenel, Istanbul Sabahattin Zaim University, Turkey

## **Editorial Board**

Sedat Gümüş, Aarhus University, Denmark

Tsung-Hau Jen, National Taiwan Normal University, Taiwan

Kuan-Ming Chen, National Academy For Educational Research, Taiwan

Dennis Beach, University of Gothenburg, Sweden

Gang Zhu, Texas A&M University, USA

Chin-Lung Chien, Kaohsiung Medical University, Taiwan

Luminița CATANĂ, Institute of Educational Sciences Bucharest, Romania

Tharwat M. El-Sakran, American University of Sharjah, United Arab Emirates

Indexing

International Journal of Contemporary Educational Research is indexed by the following indices:

Education Resources Information Center (ERIC)

Directory of Open Access Journals (DOAJ)

Directory of Research Journals Indexing (DRJI)

European Reference Index for the Humanities and Social Sciences (ERIH PLUS)

Scientific Indexing Services (SIS)

Türk Eğitim İndeksi (TEİ)

Open Academic Journals Index (OAJI)

Sosyal Bilimler Atıf Dizini (SOBİAD)

#### **Table of Contents**

#### Yunus Emre BAYSAL and Fatma MUTLU

# The Effect of Professional Development Programs on Teachers' Self-Efficacy Beliefs in Science Teaching: A Meta-Analysis Study 1-15

## Akif AVCU

How Central is the PISA Outcomes on Human Development?	16-26
Semih ÇAYAK The Mediating Role of Organizational Happiness in the Relationship Between Work Enga and Life Satisfaction: A Study on Teachers	agement 27-46
<b>Dekant Kıran</b> A Quantitative Investigation of Final Year Preservice Science Teachers' Sources of Self-Beliefs	Efficacy 47-58
Fatma KALKAN and Emine DAĞLI The Relationships Between School Climate, School Belonging and School Burnout in Se School Students	condary 59-79
Ramazan EROL and Elif SAYGI The Effect of Using Cryptology on Understanding of Function Concept	80-90
Can MEŞE Validity and Reliability Study of the Situational Interest Scale in Turkish	91-101

#### Ahmet KARA and Tuba KALAY USTA

A Model of Well-Being to Protect Mental Health during COVID-19 Pandemic	102-115
---	---------

#### **Emine Burcu TUNÇ and Selma ŞENEL**

Development of Test-Taking Strategies Scale: High School and Undergraduate Form 116-129

#### Alper AYTAÇ

A Study of Teachers' Self-Efficacy Beliefs, Motivation to Teach, and Curriculum Fidelity: A Path Analysis Model 130-143

#### Seçil TÜMEN-AKYILDIZ and Vildan DONMUŞ-KAYA

Examining Prospective Teachers' Metacognitive Learning Strategies and Self-Regulated Online Learning Levels During Covid-19 Pandemic 144-157

#### Seher YALÇIN and Aysegül BAYRAKTAR

Comparison of PISA and PIAAC Participants' Reading Habits and Strategies in Terms of Reading Achievement 158-169

## **Corinne BRION and Bilgen KIRAL**

COVID-19 Crisis Challenges and Management Strategies of Educational Leaders in America 170-183

## Ramazan ERTÜRK

The Relationship between School Administrators' Supportive Behaviors and Teachers' Job Satisfaction and Subjective Well-Being 184-195

## Sevda DOĞAN-DOLAPÇIOĞLU and Gülten KOŞAR

Thinking through Arguments on Comparative Education Topics: Contemporary Learning Approach in Teacher Education 196-207