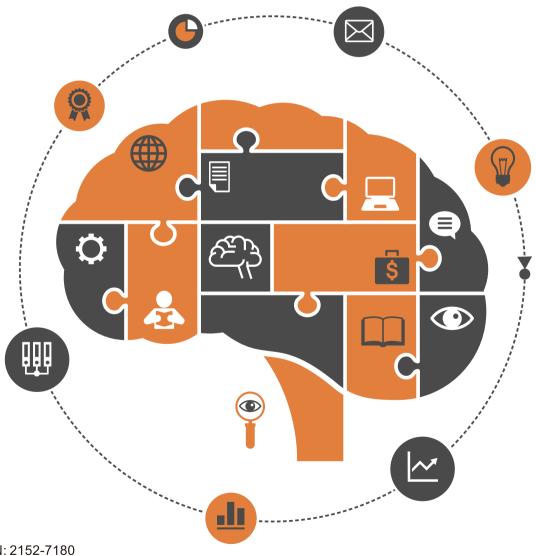




Psychology

Special Issue on Educational Psychology





www.scirp.org/journal/psych

Journal Editorial Board

ISSN Print: 2152-7180 ISSN Online: 2152-7199

http://www.scirp.org/journal/psych

Editorial Board

Dr. Ruggero Andrisano-Ruggieri

Dr. Yoram Bar-Tal Prof. Adital Ben-Ari

Dr. Sefa Bulut

Prof. Matthew C. Costello

Dr. Jay R. Elliott

Dr. Thomas Vincent Frederick

Prof. Jay Friedenberg

Prof. George Kyriacou Georgiou

Dr. David M. Goodman

Dr. Hong Jiao

Dr. Michelle Y. Kibby Prof. Kenneth A. Kiewra Prof. Beth Kurtz-Costes Dr. Giovanni Laviola

Prof. Yang Lee

Dr. Katerina Maniadaki

Prof. Tim F. McLaughlin Dr. John T. Mitchell

Dr. Melodee Mograss

Dr. Ora Nakash

Dr. Raffaella Nori

Dr. Jennifer Kim Plybon Penberthy

Dr. So-Jung Seo

Prof. Tuomo Antero Takala

Dr. Kasım Tatlılıoğlu

Prof. Massimiliano Versace

Prof. Edda Weigand

Dr. Berney J. Wilkinson

Dir Berney of Williamson

Dr. Patricia Gail Williams

Dr. Hui-Ching Wu

Prof. Wengang Yin

University of Salerno, Italy

Tel-Aviv University, Israel
University of Haifa, Israel

Ibn Haldun University, Turkey

Indiana University South Bend, USA

......

Yale University, USA

California Baptist University, USA

Manhattan College, USA

University of Alberta, Canada

Harvard Medical School, USA

University of Maryland, USA

Southern Illinois University, USA

University of Nebraska-Lincoln, USA

University of North Carolina, USA

Italian National Institute of Health, Italy

Gyeongsang National University, South Korea

Technological Educational Institution, Greece

Gonzaga University, USA

Duke University, USA

McGill University, Canada

Interdisciplinary Center (IDC) Herzliya, Israel

University of Bologna, Italy

University of Virginia School of Medicine, USA

Kyung Hee University, South Korea

University of Jyväskylä, Finland

Bingol University, Turkey

Boston University, USA

University of Münster, Germany

Webster International University, USA

University of Louisville, USA

National Taiwan University, Chinese Taipei

Chinese Academy of Sciences, China



ISSN Online: 2152-7199 ISSN Print: 2152-7180

Table of Contents

Volume 10	Number 2	February 2019
Building Social as Controlled Trial	nd Emotional Competence in School Children: A R	andomised
M. E. Williams, T	. Bywater, E. Lane, N. C. Williams, J. Hutchings	107
Imbuing Education Productive Learni	on with Brain Research Can Improve Teaching and E	nhance
I. A. Friedman, E.	. Grobgeld, A. Teichman-Weinberg	122
Emotional Intelli	gence in Instructional Design and Education	
D. E. Kaplan		132
Creativity in Edu	cation: Teaching for Creativity Development	
D. E. Kaplan		140
International Con	mparative Case Study of High School Students abou	it Empathy
H. Yang, JE. Par	k, J. H. Kim, SJ. Kang	148
Ū	itudinal Survey of Changes in Consciousness about and its Relationship with Academic Achievement	English in Junior High
K. Okado, N. Kid	a	164
L2/Ln Sign Langu	age Tests and Assessment Procedures and Evaluati	on
R. L. Landa, M. D	O. Clark	181
	ristics' Factors and their Relationship with Drop-O Arab Open University in Saudi Arabia Riyadh Branc	•
M. A. Ibrahim, B.	I. J. M. Van der Heijden	199
	Questionnaire of Students' Attitudes toward STEM titude toward STEM-PBL Predict their Academic A	
M. Shojaee, Y. Cu	ıi, M. Shahidi, X. X. Zhang	213
	n Semantic Processing of Pictures and Words betw University Students	een Dyslexic and
S. Shaul, Z. Rom.		235
	g Strategies for Collaborative Learning: Design, Vali ric Properties in High School Education	dation and Evaluation
M. C. Rodríguez,	L. M. M. Hinojosa, C. A. O. Páez	256

Psychology (PSYCH)

Journal Information

SUBSCRIPTIONS

The *Psychology* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$89 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:

Copyright © 2019 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

http://creativecommons.org/licenses/by/4.0/

Copyright for individual papers of the journal:

Copyright © 2019 by author(s) and Scientific Research Publishing Inc.

Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: psych@scirp.org



Call for Papers

Psychology (PSYCH)

http://www.scirp.org/journal/psych

PSYCH is an international refereed journal dedicated to the latest advancement of Psychology. The goal of this journal is to keep a record of the state-of-the-art research and promote the research work in these fast moving areas.

Subject Coverage

This journal invites original research and review papers that address the following issues in Psychology. Topics of interest include, but are not limited to:

Behavioral Psychology

Biological Basis of Behavior

Clinical Psychology Cognitive Psychology Counseling Psychology

Cultural Psychology Economic Psychology

Educational Psychology

Engineering Psychology Environmental Psychology

Ethics in Psychology

Family Psychology and Couples Psychology

Forensic Psychology

Gerontology

Health Psychology Intelligence Psychology

Managerial and Leadership Psychology

Military Psychology

National Psychology Neuropsychology

Others

Political Psychology Professional Practice

Psychological Assessment and Evaluation

Psychology of Art

Psychology of Religion

Psychotherapy
Safety Psychology
School Psychology
Scientific Psychology
Social Psychology
Sport Psychology

Traffic Psychology

E-mail: psych@scirp.org

Work, Industrial and Organizational Psychology

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the **PSYCH**.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

http://www.scirp.org/journal/psych

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience





Website: http://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org