Extrica کے Journals Health

ISSN ONLINE 2538-8002 ISSN PRINT 2538-7995

> June 2025 VOLUME 8 ISSUE 1 PAGES 1-28

Public, Environmental and Occupational Health

Health Policy and Services

Health Care Sciences and Services

Journal of Complexity in Health Sciences



Editor in Chief

Alfonsas Vainoras

Editorial Board

Natalia Balague Barcelona University, INEFC, (Spain)

Jincai Chang North China University of Science and Technology,

Lithuanian University of Health Sciences, (Lithuania)

(China)

Kamvar Hedavat Endobiogeny Medical Center, (United States) Robert Hristovski Cyril and Myphodius University, (Macedonia)

Gediminas Jaruševičius Lithuanian University of Health Sciences, (Lithuania)

Jian Ma Beihang University, (China)

Rollin McCraty HeartMath Institute, (United States)

Ali Merdji Mascara University, (Algeria)

Liudas Poderys Lithuanian Sports University, (Lithuania) Wolfgang Schollhorn Johanes Gutenberg University, (Germany)

Agnė Slapšinskaitė Lithuanian University of Health Sciences, (Lithuania) Mindaugas Štelemėkas Lithuanian University of Health Sciences, (Lithuania)

Joachim Peter Sturmberg University of Newcastle, (Australia)

Carlota Torrents University of Lleida, (Spain)

P. Vazquez Justes Barcelona University, INEFC, (Spain)

Vidmantas Zaveckas Lithuania University of Health Sciences, (Lithuania) alfavain@gmail.com

nataliabalague@gmail.com

jincai@ncst.edu.cn

kmhedavat@fshcenter.com robert_hristovski@yahoo.com

gedijaru@yahoo.com majian3128@126.com rollin@heartmath.org merdji_ali@yahoo.fr liudas.poderys@lsu.lt wolfgang.schoellhorn@uni-

mainz.de

agne.slapsinskaite@gmail.com mindaugas.stelemekas@lsmuni.lt

jp.sturmberg@gmail.com carlota@inefc.udl.cat pablovazjus@icloud.com

vidmantas.zaveckas@gmail.com

CHS Journal of Complexity in Health Sciences

Journal of Complexity in Health Sciences Volume 7, Issue 2 contains papers selected for the Special issue on bioengineering innovations at Bioengineering Laboratory of the Federal University of Minas Gerais.

Aims and Scope

CHS publishes articles describing investigations and evaluations of the complexity of living organisms and their systems. Holistic relationships and synchronization of internal systems (and groups of subsystems) of the organism. The complexity of interrelationships between internal systems of the organism during physical activity and recovery processes. Investigation of the effect of different pathological processes and illnesses to the self-organization of living organisms. The complexity of societal health and wellness. The development of novel technological, mathematical and computational techniques for the assessment of the complexity in general and the holistic interrelationships of different subsystems in a living organism(s) in particular.

All published papers are peer reviewed and crosschecked by plagiarism detection tools.

More information is available online https://www.extrica.com/journal/chs

The journal material is referred:

EBSCO: https://www.ebsco.com

Directory of Open Access Journals (DOAJ): https://doaj.org

Scilit: https://www.scilit.net

Dimensions: https://www.dimensions.ai

Semantic Scholar: https://www.semanticscholar.org

Google Scholar: https://scholar.google.com

JGate: https://jgateplus.com CORE: https://core.ac.uk

BASE (Bielefeld Academic Search Engine): https://www.base-search.net Ulrich's Periodicals Directory: https://ulrichsweb.serialssolutions.com

CNKI Scholar: http://eng.scholar.cnki.net

cnpLINKer (CNPIEC): http://cnplinker.cnpeak.com
WanFang Data: https://www.wanfangdata.com.cn

JUFO Publication Forum: https://www.tsv.fi/julkaisufoorumi/haku.php

MIAR, Universitat de Barcelona: https://miar.ub.edu

TDNet: https://www.tdnet.io

JournalTOCs: https://www.journaltocs.ac.uk Journal Factor: https://www.journalfactor.org

WorldCat Discovery Services: https://www.oclc.org/en/worldcat-discovery.html

Crossref: https://search.crossref.org

Content is archived in Martynas Mazvydas National Library of Lithuania

Internet: https://www.extrica.com E-mail: publish@extrica.com

Publisher: Extrica

CHS Journal of Complexity in Health Sciences

JUNE 2025. VOLUME 8, ISSUE 1, PAGES (1-28), ISSN PRINT 2538-7995, ISSN ONLINE 2538-8002

Contents

CLP-PARAMETER ADJUSTMENTS	
Yuhan Lyu, Wei Liu, Jianxing Yu, Jian Yin	
VEGA TEST METHOD AND DIAGNOSIS OF NON-COMMUNICABLE DISEASES: PROBLEMS,	12
BIOPHYSICAL DIAGNOSTIC MECHANISMS AND PROSPECTS	
Ganna Nevoit, Olena Filyunova, Svetlana Danylchenko,	
MAKSIM POTYAZHENKO, OZAR MINTSER, INGA ARUNE BUMBLYTE,	

1

INDIVIDUALIZED RECOMMENDING EXERCISES AND IMPROVING DINA ALGORITHM BY

ALFONSAS VAINORAS

SHORT DESCRIPTION ABOUT THIS CATEGORY

Investigations and evaluations of the complexity of living organisms and their systems. Holistic relationships and synchronization of internal systems (and groups of subsystems) of the organism. The complexity of interrelationships between internal systems of the organism during physical activity and recovery processes. Investigation of the effect of different pathological processes and illnesses to the self-organization of living organisms.

The complexity of societal health and wellness. The development of novel technological, mathematical and computational techniques for the assessment of the complexity in general and the holistic interrelationships of different subsystems in a living organism(s) in particular.



