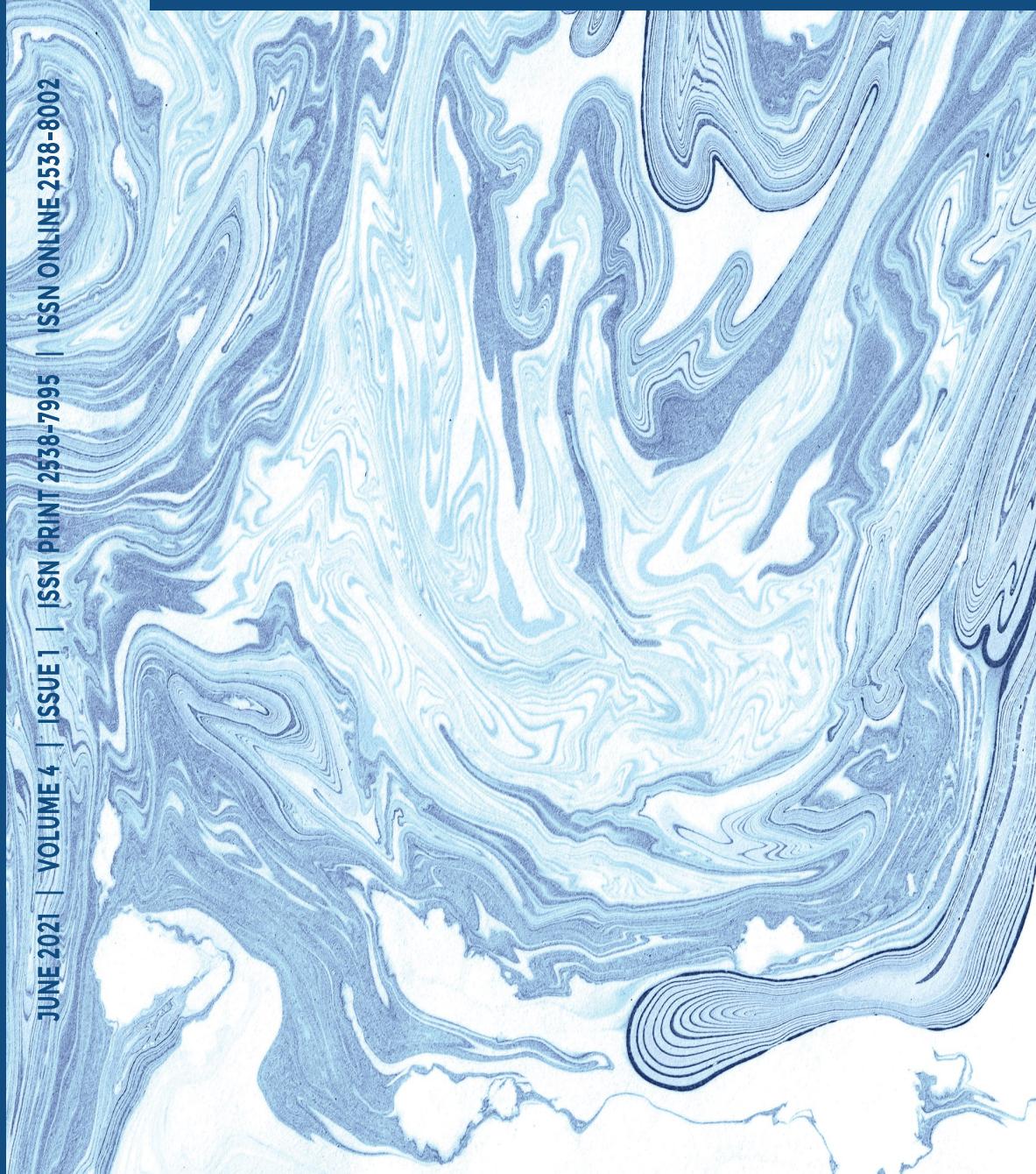


JOURNAL OF COMPLEXITY IN HEALTH SCIENCES

JUNE 2021 | VOLUME 4 | ISSUE 1 | ISSN PRINT 2538-7995 | ISSN ONLINE 2538-8002



Editor in Chief

Alfonsas Vainoras Lithuanian University of Health Sciences, (Lithuania) alfavain@gmail.com

Assistant Editor

Vaiva Šiaučiūnaitė Kaunas University of Technology, (Lithuania) vaiva91@gmail.com

Editorial Board

Natalia Balague Barcelona University, INEFC, (Spain) nataliabalague@gmail.com

Jincai Chang North China University of Science and Technology, (China) jincai@ncst.edu.cn

Kamyar Hedayat Endobiogeny Medical Center, (USA) kmhedayat@fscenter.com

Robert Hristovski Cyril and Methodius University, (Macedonia) robert_hristovski@yahoo.com

Gediminas Jaruševičius Lithuanian University of Health Sciences, (Lithuania) gedijaru@yahoo.com

Jian Ma Beihang University, (China) 09977@buaa.edu.cn

Rollin McCraty HeartMath Institute, (USA) rollin@heartmath.org

Ali Merdji Mascara University, (Algeria) merdji_ali@yahoo.fr

Zenonas Navickas Kaunas University of Technology, (Lithuania) zenonas.navickas@ktu.lt

Jonas Poderys Lithuanian Sports University, (Lithuania) l.poderys@lsu.lt

Minvydas Ragulskis Kaunas University of Technology, (Lithuania) minvydas.ragulskis@ktu.lt

Wolfgang Scholnhorn Johannes Gutenberg University, (Germany) wolfgang.schoellhorn@uni-mainz.de

Agnė Slapšinskaite Lithuanian University of Health Sciences, (Lithuania) agne.slapsinskaite@gmail.com

Mindaugas Štelemekas Lithuanian University of Health Sciences, (Lithuania) mindaugas.stelemekas@lsmuni.lt

Joachim Peter Sturmberg University of Newcastle, (Australia) jp.sturmberg@gmail.com

Carlota Torrents Leida University, (Spain) carlota@inefc.udl.cat

P. Vazquez Justes Barcelona University, INEFC, (Spain) pablovazjus@icloud.com

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

CHS Journal of Complexity in Health Sciences

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.jvejournals.com>

The journal material is referred:

DIRECTORY OF OPEN ACCESS JOURNALS (DOAJ): <https://doaj.org>

SEMANTIC SCHOLAR: <https://www.semanticscholar.org>

GOOGLE SCHOLAR: <https://scholar.google.com>

CNKI SCHOLAR: <http://eng.scholar.cnki.net>

JGate: <https://jgateplus.com>

1findr: <https://1findr.1science.com>

JUFO Publication Forum: <http://www.julkaisufoorumi.fi>

ULRICH'S PERIODICALS DIRECTORY: <https://ulrichsweb.serialssolutions.com>

BASE (Bielefeld Academic Search Engine): <https://www.base-search.net>

CORE: <https://core.ac.uk>

cnpLINKer (CNPIEC): <http://cnplinker.cnpeak.com>

Journal Factor: <https://www.journalfactor.org>

MIAR, Universitat de Barcelona: <http://miar.ub.edu>

JournalTOCs: <http://www.journaltocts.ac.uk>

CROSSREF: <https://www.crossref.org>

Internet: <https://www.jvejournals.com>

E-mail: publish@jvejournals.com

Publisher: JVE International Ltd., Geliu ratas 15A, LT-50282, Kaunas, Lithuania

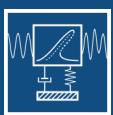
CHS

Journal of Complexity in Health Sciences

JUNE 2021. VOLUME 4, ISSUE 1, PAGES (1-38), ISSN PRINT 2538-7995, ISSN ONLINE 2538-8002

Contents

FLOW DYNAMICS DURING INCREMENTAL VELOCITY RUNNING ALEIX GIBERT, NATÀLIA BALAGUÉ, CARLOTA TORRENTS, GERSHON TENENBAUM	1
MODELING THE EFFECT OF DISTANCING AND WEARING OF FACE MASKS ON TRANSMISSION OF COVID-19 INFECTION DYNAMICS NURUDEEN O. LASISI, KOLAWOLE A. ADEYEMO	10
AUGMENTING AWARENESS ON SUSTAINABILITY OF CROSS-SECTORAL COOPERATION AGNĖ SLAPŠINSKAITĖ, KAIJA MATINHEIKKI-KOKKO, LUKAS GALKUS, MONIKA GRINCAITĖ, JUSTINA VAITKEVIČIŪTĖ, ASTA RASKILIENĖ, ALFONSAS VAINORAS, ARJA LIINAMO	21
INVESTIGATION OF PARALLELS BETWEEN HUMAN BASAL METABOLIC FEATURES AND LOCAL EARTH MAGNETIC FIELD GIEDRE TALETAVICIENE, ROLLIN MCCRATY, VILIUS PESTININKAS, ALFONSAS VAINORAS	31
ERRATUM: DYNAMIC THINKING AND COMPLEXITY: CONSIDERATIONS FOR HEALTH PROMOTION	38



JVE INTERNATIONAL