LISTA SELECTIVĂ DE LUCRARI STIINTIFICE REPREZENTATIVE
CONF. DR. BIOINGINER OANA GEMAN

1. **HEALTH CARE SYSTEM FOR MONITORING OLDER ADULTS IN A "GREEN" ENVIRONMENT USING ORGANIC PHOTOVOLTAIC DEVICES**

Autori: Chiuchisan, I.; **Geman, O.;** Prelipceanu, M.; Costin, HN.
Source: ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL **Volume:** 15 **Issue:** 12 **Pages:** 2595-2604 **Published:** DEC 2016

Accession Number: WOS:000393476600006
ISSN: 1582-9596
eISSN: 1843-3707
EEMJ 2016.pdf

2. **A WEARABLE SYSTEM FOR TREMOR MONITORING AND ANALYSIS**

Autori: Hagan, M.; **Geman, O.**
Source: PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE **Volume:** 17 **Issue:** 1 **Pages:** 90-98 **Published:** JAN-MAR 2016

Accession Number: WOS:000372944600012
ISSN: 1454-9069
Geman RA.pdf

3. **ROLE OF ENVIRONMENTAL RISK FACTORS IN PARKINSON'S DISEASE: BUCOVINA REGION CASE STUDY**

Autori: Geman, O.; Costin, H.
Source: ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL **Volume:** 14 **Issue:** 10 **Pages:** 2435-2444 **Published:** OCT 2015

Accession Number: WOS:000366335000020
ISSN: 1582-9596
eISSN: 1843-3707
EEMJ 2015.pdf

4. **PARKINSON'S DISEASE PREDICTION BASED ON MULTISTATE MARKOV MODELS**

Autori: Geman, O.; Costin, H.
Source: INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL **Volume:** 8 **Issue:** 4 **Pages:** 525-537 **Published:** AUG 2013

Accession Number: WOS:000322561300003

ISSN: 1841-9836
eISSN: 1841-9844
Geman IJCCC.pdf

5. **ACQUISITION AND PROCESSING DATA FOR EARLY STAGE OF PARKINSON'S DISEASE**

Autori: Geman, O.; Pohoata, S.; Graur, A.
Source: REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE **Volume:** 58 **Issue:** 3 **Pages:** 324-334 **Published:** JUL-SEP 2013

Accession Number: WOS:000324447900010

ISSN: 0035-4066
RRSTE2013.pdf

6. NONLINEAR DYNAMICS, ARTIFICIAL NEURAL NETWORKS AND NEURO-FUZZY CLASSIFIER FOR AUTOMATIC ASSESSING OF TREMOR SEVERITY

Autor: Geman, O.
Book Group Author(s): IEEE
Source: 2013 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB) **Published:** 2013
Accession Number: WOS:000346672900050
Conference Title: 4th IEEE International Conference on E-Health and Bioengineering (EHB)
Conference Date: NOV 21-23, 2013
Conference Location: Iasi, ROMANIA
EHB2013_2.pdf

7. A FUZZY EXPERT SYSTEMS DESIGN FOR DIAGNOSIS OF PARKINSON'S DISEASE

Autor: Geman, O.
Book Group Author(s): IEEE
Source: 2011 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB) **Published:** 2011
Accession Number: WOS:000304806300021
Conference Title: 3rd International Conference on E-Health and Bioengineering (EHB)
Conference Date: NOV 24-26, 2011
Conference Location: Univ Med & Pharm, Iasi, ROMANIA

EHB2011.pdf

8. DATA PROCESSING FOR PARKINSON'S DISEASE: TREMOR, SPEECH AND GAIT SIGNAL ANALYSIS

Autor: Geman, O.
Book Group Author(s): IEEE
Source: 2011 E-HEALTH AND BIOENGINEERING CONFERENCE (EHB) **Published:** 2011
Accession Number: WOS:000304806300022
Conference Title: 3rd International Conference on E-Health and Bioengineering (EHB)
Conference Date: NOV 24-26, 2011
Conference Location: Univ Med & Pharm, Iasi, ROMANIA
Conference Sponsors: Romania Sect, Romania Sect EMB Chapter, IEEE
EHB2011_2.pdf

9. PARTITIONING METHODS USED IN DBS TREATMENTS ANALYSIS RESULTS

Autori: Geman, O.; Turcu, C.
Book Group Author(s): IEEE
Source: 2011 INTERNATIONAL JOINT CONFERENCE ON NEURAL NETWORKS (IJCNN) **Pages:** 1788-1793 **Published:** 2011
Accession Number: WOS:000297541201128
Conference Title: International Joint Conference on Neural Networks (IJCNN)
Conference Date: JUL 31-AUG 05, 2011
IJCNN2011.pdf

10. AUTOMATIC ASSESSING OF TREMOR SEVERITY USING NONLINEAR DYNAMICS, ARTIFICIAL NEURAL NETWORKS AND NEURO-FUZZY CLASSIFIER

Autori: Geman, O.; Costin, H.
Source: ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING **Volume:** 14 **Issue:** 1 **Pages:** 133-138
DOI: 10.4316/AECE.2014.01020 **Published:** 2014
Accession Number: WOS:000332062300020
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eISSN: 1844-7600
Geman AECE2014.pdf