

Lenka Lhotská

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7536215/publications.pdf>

Version: 2024-02-01

191
papers

1,421
citations

567144

15
h-index

454834

30
g-index

219
all docs

219
docs citations

219
times ranked

1176
citing authors

#	ARTICLE	IF	CITATIONS
1	Open access intrapartum CTG database. BMC Pregnancy and Childbirth, 2014, 14, 16.	0.9	173
2	Using nonlinear features for fetal heart rate classification. Biomedical Signal Processing and Control, 2012, 7, 350-357.	3.5	111
3	Robot Path Planning using Particle Swarm Optimization of Ferguson Splines. , 2006, , .		87
4	Agreement on intrapartum cardiotocogram recordings between expert obstetricians. Journal of Evaluation in Clinical Practice, 2015, 21, 694-702.	0.9	80
5	Analysis of obstetriciansâ€™ decision making on CTG recordings. Journal of Biomedical Informatics, 2014, 51, 72-79.	2.5	48
6	Investigating pH based evaluation of fetal heart rate (FHR) recordings. Health and Technology, 2017, 7, 241-254.	2.1	46
7	Automatic evaluation of intrapartum fetal heart rate recordings: a comprehensive analysis of useful features. Physiological Measurement, 2011, 32, 1347-1360.	1.2	37
8	Multivariate Analysis of Full-Term Neonatal Polysomnographic Data. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 104-110.	3.6	29
9	Independent Component Analysis and Decision Trees for ECG Holter Recording De-Noising. PLoS ONE, 2014, 9, e98450.	1.1	29
10	A new approach to automated assessment of fractionation of endocardial electrograms during atrial fibrillation. Physiological Measurement, 2008, 29, 1371-1381.	1.2	26
11	Solutions to Gender Balance in STEM Fields Through Support, Training, Education and Mentoring: Report of the International Women in Medical Physics and Biomedical Engineering Task Group. Science and Engineering Ethics, 2020, 26, 275-292.	1.7	25
12	Ensemble methods in combination with compartment models for blood glucose level prediction in type 1 diabetes mellitus. Computer Methods and Programs in Biomedicine, 2020, 196, 105628.	2.6	25
13	The impact of COVIDâ€™19 pandemic on genderâ€™related work from home in STEM fieldsâ€™Report of the WiMPBME Task Group. Gender, Work and Organization, 2021, 28, 378-396.	3.1	23
14	Twenty five years of training and education in ICT Design for All and Assistive Technology. Technology and Disability, 2011, 23, 163-170.	0.3	20
15	Automatic Evaluation of FHR Recordings from CTU-UHB CTG Database. Lecture Notes in Computer Science, 2013, , 47-61.	1.0	20
16	Challenges and trends in Ambient Assisted Living and intelligent tools for disabled and elderly people. , 2015, , .		18
17	Empowering lower limbs exoskeletons: state-of-the-art. Robotica, 2018, 36, 1743-1756.	1.3	18
18	Binary social impact theory based optimization and its applications in pattern recognition. Neurocomputing, 2014, 132, 85-96.	3.5	17

#	ARTICLE	IF	CITATIONS
19	PSO and ACO in Optimization Problems. Lecture Notes in Computer Science, 2006, , 1390-1398.	1.0	15
20	Wrapper feature selection for small sample size data driven by complete error estimates. Computer Methods and Programs in Biomedicine, 2012, 108, 138-150.	2.6	15
21	Electrocardiogram beat detection enhancement using Independent Component Analysis. Medical Engineering and Physics, 2013, 35, 704-711.	0.8	15
22	Automatic identification of artifacts and unwanted physiologic signals in EEG and EOG during wakefulness. Biomedical Signal Processing and Control, 2017, 31, 381-390.	3.5	15
23	The Use of Convolutional Neural Networks in Biomedical Data Processing. Lecture Notes in Computer Science, 2017, , 100-119.	1.0	14
24	Security recommendations for implementation in distributed healthcare systems. , 2008, , .		13
25	Assessment of features for automatic CTG analysis based on expert annotation. , 2011, 2011, 6051-4.		13
26	Wearable systems for monitoring the health condition of soldiers: Review and application. , 2017, , .		13
27	Discriminating Normal from "Abnormal" Pregnancy Cases Using an Automated FHR Evaluation Method. Lecture Notes in Computer Science, 2014, , 521-531.	1.0	13
28	Social Impact and Optimization. International Journal of Computational Intelligence Research, 2008, 4, .	0.3	13
29	Iterative expert-in-the-loop classification of sleep PSG recordings using a hierarchical clustering. Journal of Neuroscience Methods, 2019, 317, 61-70.	1.3	12
30	Medical applications of enhanced rule-based expert systems. International Journal of Medical Informatics, 2001, 63, 61-75.	1.6	11
31	Comparison of seven approaches for holter ECG clustering and classification. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3844-7.	0.5	11
32	Examining cross-database global training to evaluate five different methods for ventricular beat classification. Physiological Measurement, 2009, 30, 661-677.	1.2	11
33	Classification of the emotional states based on the EEG signal processing. , 2009, , .		11
34	An Unsupervised Multichannel Artifact Detection Method for Sleep EEG Based on Riemannian Geometry. Sensors, 2019, 19, 602.	2.1	11
35	The Biggest Challenges Resulting from the COVID-19 Pandemic on Gender-Related Work from Home in Biomedical Fields"World-Wide Qualitative Survey Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 3109.	1.2	11
36	Specific rehabilitation exercise for the treatment of patients with chronic low back pain. Journal of Physical Therapy Science, 2015, 27, 2413-2417.	0.2	10

#	ARTICLE	IF	CITATIONS
37	Assessment of non-linear features for intrapartal fetal heart rate classification. , 2009, , .		9
38	Combining latent class analysis labeling with multiclass approach for fetal heart rate categorization. Physiological Measurement, 2015, 36, 1001-1024.	1.2	9
39	Deep neural network based body posture recognitions and fall detection from low resolution infrared array sensor. , 2018, , .		9
40	Ant Colony Cooperative Strategy in Electrocardiogram and Electroencephalogram Data Clustering. Studies in Computational Intelligence, 2008, , 323-333.	0.7	9
41	Hybridized Swarm Metaheuristics for Evolutionary Random Forest Generation. , 2007, , .		8
42	Novel approach to search for individual signal complexes in complex fractionated atrial electrograms using wavelet transform. , 2007, , .		8
43	Neonatal EEG Sleep Stages Modelling by Temporal Profiles. Lecture Notes in Computer Science, 2007, , 195-201.	1.0	8
44	Classification of Long-Term EEG Recordings. Lecture Notes in Computer Science, 2004, , 322-332.	1.0	8
45	Social Impact Theory Based Optimizer. , 2007, , 635-644.		7
46	Evaluation of feature subsets for classification of cardiocographic recordings. , 2008, , .		7
47	PSGLab Matlab toolbox for polysomnographic data processing: Development and practical application. , 2010, , .		7
48	Information retrieval from hospital information system: Increasing effectivity using swarm intelligence. Journal of Applied Logic, 2015, 13, 126-137.	1.1	7
49	Least Squares Support Vector Machines for FHR Classification and Assessing the pH Based Categorization. IFMBE Proceedings, 2016, , 1211-1215.	0.2	7
50	Juggling in VR: Advantages of Immersive Virtual Reality in Juggling Learning. , 2019, , .		7
51	A Review of Model Prediction in Diabetes and of Designing Glucose Regulators Based on Model Predictive Control for the Artificial Pancreas. Lecture Notes in Computer Science, 2017, , 66-81.	1.0	7
52	Hybridized Swarm Metaheuristics for Evolutionary Random Forest Generation. , 2007, , .		6
53	Fetal heart rate data pre-processing and annotation. , 2009, , .		6
54	Wrapper Feature Selection Significantly Improves Nonlinear Prediction of Electricity Spot Prices. , 2013, , .		6

#	ARTICLE	IF	CITATIONS
55	Controlling a PC by Eye Movements: The MEMREC Project. Lecture Notes in Computer Science, 2004, , 770-773.	1.0	6
56	Boosting phase-contrast MRI performance in idiopathic normal pressure hydrocephalus diagnostics by means of machine learning approach. Neurosurgical Focus, 2022, 52, E6.	1.0	6
57	Agent architecture for smart adaptive systems. Transactions of the Institute of Measurement and Control, 2004, 26, 245-260.	1.1	5
58	Comparison of several classifiers to evaluate endocardial electrograms fractionation in human. , 2009, 2009, 2502-5.		5
59	Hidden Markov models for analysis of eye movements of dyslexic children. , 2013, , .		5
60	A three class treatment of the FHR classification problem using latent class analysis labeling. , 2014, 2014, 46-9.		5
61	Active Learning for Semiautomatic Sleep Staging and Transitional EEG Segments. , 2018, , .		5
62	Social Impact based Approach to Feature Subset Selection. Studies in Computational Intelligence, 2008, , 239-248.	0.7	5
63	Single Camera-Based Remote Physical Therapy: Verification on a Large Video Dataset. Applied Sciences (Switzerland), 2022, 12, 799.	1.3	5
64	Biomedical Engineering as Health Care Profession. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 5937-40.	0.5	4
65	Discrimination of endocardial electrogram disorganization using a signal regularity analysis. , 2009, 2009, 1812-5.		4
66	Feature extraction and classification of EEG sleep recordings in newborns. , 2009, , .		4
67	Particle Swarm Optimization Based Adaptable Predictor of Glycemia Values. , 2017, , .		4
68	Application of Artificial Neural Networks for Analyses of EEG Record with Semi-Automated Etalons Extraction: A Pilot Study. Communications in Computer and Information Science, 2016, , 94-107.	0.4	4
69	EEG Data Mining Using PCA. , 2009, , 161-180.		4
70	Prediction of Shunt Responsiveness in Suspected Patients With Normal Pressure Hydrocephalus Using the Lumbar Infusion Test: A Machine Learning Approach. Neurosurgery, 2022, 90, 407-418.	0.6	4
71	Camera Setup and OpenPose Software without GPU for Calibration and Recording in Telerehabilitation Use. , 2021, , .		4
72	Morphology analysis of physiological signals using hidden Markov models. , 2004, , .		3

#	ARTICLE	IF	CITATIONS
73	Modified Ant Colony Clustering Method in Long-term Electrocardiogram Processing. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3249-52.	0.5	3
74	Agent-based process-critiquing decision support system. , 2009, , .		3
75	Frames of reference and their neural correlates within navigation in a 3D environment. Visual Neuroscience, 2012, 29, 183-191.	0.5	3
76	Comparison of JADE and Canonical Correlation Analysis for ECG de-noising. , 2014, 2014, 3857-60.		3
77	Surviving sepsis - a 3D integrative educational simulator. , 2015, 2015, 3679-82.		3
78	Comprehensive Analysis of the Real Lifestyles of T1D Patients for the Purpose of Designing a Personalized Counselor for Prandial Insulin Dosing. Nutrients, 2019, 11, 1148.	1.7	3
79	Semi-automated detection of polysomnographic REM sleep without atonia (RSWA) in REM sleep behavioral disorder. Biomedical Signal Processing and Control, 2019, 51, 243-252.	3.5	3
80	Semi-Automated Sleep EEG Scoring with Active Learning and HMM-Based Deletion of Ambiguous Instances. Proceedings (mdpi), 2019, 31, 46.	0.2	3
81	Information Technology and Informatics in Biomedical Engineering Study Programs: Which Topics and what Extend is Needed?. , 2019, , .		3
82	Constraints in Particle Swarm Optimization of Hidden Markov Models. Lecture Notes in Computer Science, 2006, , 1399-1406.	1.0	3
83	Particle Swarm Optimisation of Multiple Classifier Systems. , 2007, , 333-340.		3
84	Bio-inspired Model of Spatial Cognition. Lecture Notes in Computer Science, 2011, , 443-450.	1.0	3
85	Automatic Neonatal Sleep EEG Recognition with Social Impact Based Feature Selection. Advances in Intelligent Systems and Computing, 2013, , 389-398.	0.5	3
86	Automatic Telerehabilitation System in a Home Environment Using Computer Vision. Studies in Health Technology and Informatics, 2020, 273, 142-148.	0.2	3
87	Proposal of Feature Extraction from Wavelet Packets Decomposition of QRS Complex for Normal and Ventricular ECG Beats Classification. IFMBE Proceedings, 2009, , 402-405.	0.2	3
88	Modeling the Microstructure of Neonatal EEG Sleep Stages by Temporal Profiles. IFMBE Proceedings, 2009, , 133-137.	0.2	3
89	A novel method for statistical pattern recognition using the network theory and a new hybrid system of machine learning. Materiali in Tehnologije, 2019, 53, 95-100.	0.3	3
90	Evolving groups of basic decision trees. , 0, , .		2

#	ARTICLE	IF	CITATIONS
91	Application of Quantitative Methods of Signal Processing to Automatic Classification of Long-Term EEG Records. Lecture Notes in Computer Science, 2004, , 333-343.	1.0	2
92	Visualization methods used for evaluation of neonatal polysomnographic data. , 2009, , .		2
93	Processing Holter ECG signal corrupted with noise: Using ICA for QRS complex detection. , 2010, , .		2
94	An automatic method for holter ECG denoising using ICA. , 2011, , .		2
95	Support of students with special needs at the Czech Technical University in Prague. , 2014, , .		2
96	Biomechanical Parameters of Muscles, Objective Assessment Using MyotonPRO. , 2018, , .		2
97	Artifact Detection in Multichannel Sleep EEG using Random Forest Classifier. , 2018, , .		2
98	Expert-in-the-loop Learning for Sleep EEG Data. , 2018, , .		2
99	Non-contact Measurement Systems for Physiological Data Monitoring of Military Pilots During Training on Simulators: Review and Application. , 2019, , .		2
100	Virtual Reality in Research and Education: A Case Study. , 2019, , .		2
101	An exploratory approach to fetal heart rateâ€“pH-based systems. Signal, Image and Video Processing, 2021, 15, 43-51.	1.7	2
102	Automated Classification Tree Evolution Through Hybrid Metaheuristics. Advances in Intelligent and Soft Computing, 2007, , 191-198.	0.2	2
103	Practical Problems and Solutions in Hospital Information System Data Mining. Lecture Notes in Computer Science, 2012, , 31-39.	1.0	2
104	Privacy Preserving and Use of Medical Information in a Multiagent System. Intelligent Information Systems, 2009, , 165-193.	0.1	2
105	Learning in multi-agent systems: Theoretical issues. Lecture Notes in Computer Science, 1997, , 394-405.	1.0	1
106	APPLICATION OF EXPERT SYSTEM AND MACHINE LEARNING APPROACH TO INTELLIGENT MAN-MACHINE INTERFACE. , 2000, , .		1
107	Multimethod machine learning approach for medical diagnosing. , 0, , .		1
108	Optimized model tuning in medical systems. Computer Methods and Programs in Biomedicine, 2005, 80, S17-S28.	2.6	1

#	ARTICLE	IF	CITATIONS
109	Feature extraction in body surface potential mapping. , 2005, , .		1
110	Nature inspired concepts in the electrocardiogram interpretation process. , 2008, , .		1
111	ARTIFICIAL INTELLIGENCE METHODS IN ELECTROCARDIOGRAM AND ELECTROENCEPHALOGRAM DATA CLUSTERING. International Journal of Computational Intelligence and Applications, 2009, 08, 69-84.	0.6	1
112	Optimizers derived from human opinion formation. , 2011, , .		1
113	Student projects in assistive technologies. , 2014, , .		1
114	Deep versus broad knowledge in interdisciplinary education. , 2014, , .		1
115	Detection of artifacts in oscillometric pulsations signals. , 2014, , .		1
116	Topological Properties of Functional Brain Connectivity in Obsessive-Compulsive Disorder. IFMBE Proceedings, 2016, , 157-161.	0.2	1
117	Advanced Signal Processing Techniques for CTG Analysis. IFMBE Proceedings, 2016, , 1205-1210.	0.2	1
118	A Combined-Predictor Approach to Glycaemia Prediction for Type 1 Diabetes. IFMBE Proceedings, 2019, , 753-756.	0.2	1
119	A Software for Preprocessing Experimental BSPM Signals for a CRT Study. Proceedings (mdpi), 2019, 31, .	0.2	1
120	From head micro-motions towards CSF dynamics and non-invasive intracranial pressure monitoring. Scientific Reports, 2021, 11, 14349.	1.6	1
121	A Multi-agent System for Information Retrieval. , 2007, , 337-344.		1
122	System Approach to AAL Applications: A Case Study. Lecture Notes in Computer Science, 2011, , 151-158.	1.0	1
123	Obstetric Medical Record Processing and Information Retrieval. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 26-33.	0.2	1
124	Application of Neural Network for Stress Classification. , 2000, , 373-375.		1
125	The EEG Correlates of the Allocentric and the Egocentric Spatial Reference Frames Processing. IFMBE Proceedings, 2009, , 2012-2015.	0.2	1
126	Automatic Classification of Intrapartal Fetal Heart-Rate Recordings – Can It Compete with Experts?. Lecture Notes in Computer Science, 2010, , 57-66.	1.0	1

#	ARTICLE	IF	CITATIONS
127	Telemedicine: New Approach to Modern Education of Medical Electronics. IFMBE Proceedings, 2011, , 1389-1392.	0.2	1
128	Ant-Inspired Algorithms for Decision Tree Induction. Lecture Notes in Computer Science, 2015, , 95-106.	1.0	1
129	Microsleep Classifier Using EOG Channel Recording: A Feasibility Study. Lecture Notes in Computer Science, 2015, , 109-113.	1.0	1
130	Importance and Quality of Eating Related Photos in Diabetics. Lecture Notes in Computer Science, 2016, , 173-185.	1.0	1
131	Predicting Blood Glucose Levels for a Type I Diabetes Patient by Combination of Autoregressive with One Compartment Open Model. IFMBE Proceedings, 2018, , 771-774.	0.2	1
132	Detection of Sleep Stages in Temporal Profiles in Neonatal EEG – k-NN versus k-Means Approach: A Feasibility Study. IFMBE Proceedings, 2019, , 523-527.	0.2	1
133	Nature Inspired Methods in the Radial Basis Function Network Learning Process. Lecture Notes in Computer Science, 2008, , 829-838.	1.0	1
134	Artificial Intelligence and Women Researchers in the Czech Republic. Applied Sciences (Switzerland), 2022, 12, 1465.	1.3	1
135	Women in Medical Physics and Biomedical Engineering: past, present and future. Health and Technology, 2022, 12, 655-662.	2.1	1
136	Intelligent medical systems – preface. International Journal of Medical Informatics, 2001, 63, 1-4.	1.6	0
137	Application of Soft Computing Techniques to Classification of Licensed Subjects. , 2004, , 481-488.		0
138	Multi-Agent System as a Platform for Management of Medical Documentation. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3661-4.	0.5	0
139	Generalization of Rule-Based Decision Tree to Fuzzy Intervals for ECG-Beat Clustering. IEEE International Workshop on Machine Learning for Signal Processing, 2007, , .	0.0	0
140	Multimedia support in the field of interdisciplinary education. , 2009, , .		0
141	A decision support tool in the field of electroencephalography. , 2010, , .		0
142	Classification of the EEG feature components. , 2010, , .		0
143	Measurement of hemodynamic parameters. , 2011, , .		0
144	Novel Nature Inspired Techniques in Medical Data Mining. Procedia Computer Science, 2011, 7, 286-288.	1.2	0

#	ARTICLE	IF	CITATIONS
145	Case studies of students' involvement in research. , 2013, , .		0
146	Registration and analysis of retinal images for diagnosis and treatment monitoring. , 2014, , .		0
147	Legislation and policies for disabled students in European Countries. , 2014, , .		0
148	Evaluation of various classifiers performance on biomedical datasets. , 2015, , .		0
149	Differences in EEG between gifted and average gifted adolescents: Mental rotation task. , 2015, , .		0
150	Adaptable microsleep detection based on EOG signals: A feasibility study. , 2015, , .		0
151	Sleep spindles detection using Empirical Mode Decomposition. , 2015, , .		0
152	PDF Report as Container for Structured Clinical Data. IFMBE Proceedings, 2016, , 870-873.	0.2	0
153	Influence of Stress in Driving Behaviour. IFMBE Proceedings, 2016, , 1156-1161.	0.2	0
154	Master Program in BME for Engineers and Medical Doctors. IFMBE Proceedings, 2016, , 1320-1322.	0.2	0
155	Riemannian Geometry in Sleep Stage Classification. Lecture Notes in Computer Science, 2017, , 92-99.	1.0	0
156	Engineering Education: How to Attract Youth?. , 2017, , .		0
157	The SALEIE Project : A successful International Collaborative Project and springboard for future projects. , 2017, , .		0
158	Optimal Parameters of Adaptive Segmentation for Epileptic Graphoelements Recognition. Radioengineering, 2017, 26, 323-329.	0.3	0
159	Biomechanical analysis of INFINITY rehabilitation method for treatment of low back pain. Journal of Physical Therapy Science, 2017, 29, 832-838.	0.2	0
160	MICROSLEEPS AND THEIR DETECTION FROM THE BIOLOGICAL SIGNALS. Acta Polytechnica CTU Proceedings, 0, 12, 32.	0.3	0
161	Representation of Joint Patterns in HD SEMG: A Case Study. Proceedings (mdpi), 2019, 31, 45.	0.2	0
162	Discrete and Continuous Aspects of Nature Inspired Methods. Lecture Notes in Computer Science, 2006, , 409-416.	1.0	0

#	ARTICLE	IF	CITATIONS
163	SVM CLASSIFICATION OF HOLTER ECG BEATS USING WAVELET FEATURES. , 2008, , .		0
164	FUZZY RULE BASED DECISION TREE CLASSIFICATION OF ECG HOLTER BEATS. , 2008, , .		0
165	Optimizing Society. , 2009, , 450-468.		0
166	Mobile Devices for e-Services in Home Care. IFMBE Proceedings, 2009, , 1006-1009.	0.2	0
167	Ant Colonies and Data Mining. , 2009, , 405-421.		0
168	Nature Inspired Concepts in Long-Term Electrocardiogram Clustering. IFMBE Proceedings, 2009, , 322-325.	0.2	0
169	Discriminating between V and N Beats from ECGs Introducing an Integrated Reduced Representation along with a Neural Network Classifier. Lecture Notes in Computer Science, 2009, , 485-494.	1.0	0
170	ECG Processing. , 2009, , 137-160.		0
171	EEG Analysis of the Navigation Strategies in a 3D Tunnel Task. Lecture Notes in Computer Science, 2011, , 388-395.	1.0	0
172	Integration of Procedural Knowledge in Multi-Agent Systems in Medicine. Lecture Notes in Computer Science, 2011, , 82-95.	1.0	0
173	Multimedia Support in Education of ECG Signal Analysis. IFMBE Proceedings, 2011, , 1378-1381.	0.2	0
174	To Which Degree Do Body Composition Values Depend on External Conditions?. IFMBE Proceedings, 2011, , 1269-1271.	0.2	0
175	Novel Nature Inspired Techniques in Medical Information Retrieval. Lecture Notes in Computer Science, 2011, , 31-38.	1.0	0
176	Assistive Technologies: Project-Based Education. IFMBE Proceedings, 2013, , 1687-1690.	0.2	0
177	Data Acquisition and Storage System in a Cardiac Electrophysiology Laboratory. Lecture Notes in Computer Science, 2013, , 77-87.	1.0	0
178	Interoperability of Medical Devices and Information Systems. , 2013, , 749-762.		0
179	Knowledge-Based Support of Medical Work in Home Care. , 2013, , 786-804.		0
180	Adaptive Model of Cardiovascular System: Realization and Signal Database. Lecture Notes in Computer Science, 2013, , 112-113.	1.0	0

#	ARTICLE	IF	CITATIONS
181	Applying Ant-Inspired Methods in Childbirth Asphyxia Prediction. Lecture Notes in Computer Science, 2016, , 192-207.	1.0	0
182	Biomedical Engineering Education in Context of New Legislation in the Czech Republic. IFMBE Proceedings, 2018, , 105-108.	0.2	0
183	Changes of Body Composition and Bioimpedance During Pregnancy – Pilot Study in Czech Republic. IFMBE Proceedings, 2019, , 917-920.	0.2	0
184	Women in Biomedical Engineering and Medical Physics in the Czech Republic. IFMBE Proceedings, 2019, , 745-749.	0.2	0
185	Preprocessing of the BSPM Signals with Untraditionally Strong Baseline Wandering. IFMBE Proceedings, 2019, , 463-467.	0.2	0
186	Improvement of Sleep Spindle Detection by Aggregation Techniques. IFMBE Proceedings, 2020, , 226-234.	0.2	0
187	Bioimpedance, Total Body Water and Phase Angle of Preschool Czech Children: Preliminary Study. IFMBE Proceedings, 2020, , 761-767.	0.2	0
188	Towards Personalized Medication. Studies in Health Technology and Informatics, 2021, 285, 49-57.	0.2	0
189	Suitable Data Representation for Abnormal Pattern Detection in Smart Home Environment. Studies in Health Technology and Informatics, 2019, 261, 25-30.	0.2	0
190	Representation and Interpretation of Genetic Analysis: A Strategy of Development for the Personal Genetics Card Information System. Studies in Health Technology and Informatics, 2020, 273, 129-135.	0.2	0
191	Direct Versus Iterated Multi-Step Forecasting of Glycaemia in Type 1 Diabetics Using Autoregressive Models. Studies in Health Technology and Informatics, 2020, 273, 149-154.	0.2	0