Lenka Lhotská

List of Publications by Year
in descending order

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	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
2	Single Camera-Based Remote Physical Therapy: Verification on a Large Video Dataset. Applied Sciences (Switzerland), 2022, 12, 799.	1.3	5
3	Artificial Intelligence and Women Researchers in the Czech Republic. Applied Sciences (Switzerland), 2022, 12, 1465.	1.3	1
4	The Biggest Challenges Resulting from the COVID-19 Pandemic on Gender-Related Work from Home in Biomedical Fieldsâ€"World-Wide Qualitative Survey Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 3109.	1.2	11
5	Women in Medical Physics and Biomedical Engineering: past, present and future. Health and Technology, 2022, 12, 655-662.	2.1	1
6	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
7	An exploratory approach to fetal heart rateâ€"pH-based systems. Signal, Image and Video Processing, 2021, 15, 43-51.	1.7	2
8	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
9	From head micro-motions towards CSF dynamics and non-invasive intracranial pressure monitoring. Scientific Reports, 2021, 11, 14349.	1.6	1
10	Towards Personalized Medication. Studies in Health Technology and Informatics, 2021, 285, 49-57.	0.2	0
11	Camera Setup and OpenPose Software without GPU for Calibration and Recording in Telerehabilitation Use. , 2021, , .		4
12	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
13	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
14	Automatic Telerehabilitation System in a Home Environment Using Computer Vision. Studies in Health Technology and Informatics, 2020, 273, 142-148.	0.2	3
15	Improvement of Sleep Spindle Detection by Aggregation Techniques. IFMBE Proceedings, 2020, , 226-234.	0.2	0
16	Bioimpedance, Total Body Water and Phase Angle of Preschool Czech Children: Preliminary Study. IFMBE Proceedings, 2020, , 761-767.	0.2	0
17	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
18	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

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19	A Combined-Predictor Approach to Glycaemia Prediction for Type 1 Diabetes. IFMBE Proceedings, 2019, , 753-756.	0.2	1
20	Non-contact Measurement Systems for Physiological Data Monitoring of Military Pilots During Training on Simulators: Review and Application. , 2019, , .		2
21	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
22	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
23	An Unsupervised Multichannel Artifact Detection Method for Sleep EEG Based on Riemannian Geometry. Sensors, 2019, 19, 602.	2.1	11
24	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
25	Representation of Joint Patterns in HD SEMG: A Case Study. Proceedings (mdpi), 2019, 31, 45.	0.2	0
26	A Software for Preprocessing Experimental BSPM Signals for a CRT Study. Proceedings (mdpi), 2019, 31, .	0.2	1
27	Semi-Automated Sleep EEG Scoring with Active Learning and HMM-Based Deletion of Ambiguous Instances. Proceedings (mdpi), 2019, 31, 46.	0.2	3
28	Information Technology and Informatics in Biomedical Engineering Study Programs: Which Topics and what Extend is Needed?. , 2019, , .		3
29	Virtual Reality in Research and Education: A Case Study. , 2019, , .		2
30	Juggling in VR: Advantages of Immersive Virtual Reality in Juggling Learning. , 2019, , .		7
31	Changes of Body Composition and Bioimpedance During Pregnancy—Pilot Study in Czech Republic. IFMBE Proceedings, 2019, , 917-920.	0.2	0
32	Women in Biomedical Engineering and Medical Physics in the Czech Republic. IFMBE Proceedings, 2019, , 745-749.	0.2	0
33	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
34	Preprocessing of the BSPM Signals with Untraditionally Strong Baseline Wandering. IFMBE Proceedings, 2019, , 463-467.	0.2	0
35	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
36	Suitable Data Representation for Abnormal Pattern Detection in Smart Home Environment. Studies in Health Technology and Informatics, 2019, 261, 25-30.	0.2	0

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37	Biomechanical Parameters of Muscles, Objective Assessment Using MyotonPRO. , 2018, , .		2
38	Artifact Detection in Multichannel Sleep EEG using Random Forest Classifier. , 2018, , .		2
39	Active Learning for Semiautomatic Sleep Staging and Transitional EEG Segments. , 2018, , .		5
40	Deep neural network based body posture recognitions and fall detection from low resolution infrared array sensor. , 2018, , .		9
41	Expert-in-the-loop Learning for Sleep EEG Data. , 2018, , .		2
42	Empowering lower limbs exoskeletons: state-of-the-art. Robotica, 2018, 36, 1743-1756.	1.3	18
43	Biomedical Engineering Education in Context of New Legislation in the Czech Republic. IFMBE Proceedings, 2018, , 105-108.	0.2	0
44	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
45	Riemannian Geometry in Sleep Stage Classification. Lecture Notes in Computer Science, 2017, , 92-99.	1.0	0
46	Particle Swarm Optimization Based Adaptable Predictor of Glycemia Values. , 2017, , .		4
47	Wearable systems for monitoring the health condition of soldiers: Review and application. , 2017, , .		13
48	Investigating pH based evaluation of fetal heart rate (FHR) recordings. Health and Technology, 2017, 7, 241-254.	2.1	46
49	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
50	Engineering Education: How to Attract Youth?. , 2017, , .		0
51	The SALEIE Project : A successful International Collaborative Project and springboard for future projects. , 2017, , .		0
52	Optimal Parameters of Adaptive Segmentation for Epileptic Graphoelements Recognition. Radioengineering, 2017, 26, 323-329.	0.3	0
53	Biomechanical analysis of INFINITY rehabilitation method for treatment of low back pain. Journal of Physical Therapy Science, 2017, 29, 832-838.	0.2	0
54	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

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55	The Use of Convolutional Neural Networks in Biomedical Data Processing. Lecture Notes in Computer Science, 2017, , 100-119.	1.0	14
56	PDF Report as Container for Structured Clinical Data. IFMBE Proceedings, 2016, , 870-873.	0.2	0
57	Influence of Stress in Driving Behaviour. IFMBE Proceedings, 2016, , 1156-1161.	0.2	0
58	Least Squares Support Vector Machines for FHR Classification and Assessing the pH Based Categorization. IFMBE Proceedings, 2016, , 1211-1215.	0.2	7
59	Master Program in BME for Engineers and Medical Doctors. IFMBE Proceedings, 2016, , 1320-1322.	0.2	0
60	Topological Properties of Functional Brain Connectivity in Obsessive-Compulsive Disorder. IFMBE Proceedings, 2016, , 157-161.	0.2	1
61	Advanced Signal Processing Techniques for CTG Analysis. IFMBE Proceedings, 2016, , 1205-1210.	0.2	1
62	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
63	Applying Ant-Inspired Methods in Childbirth Asphyxia Prediction. Lecture Notes in Computer Science, 2016, , 192-207.	1.0	0
64	Importance and Quality of Eating Related Photos in Diabetics. Lecture Notes in Computer Science, 2016, , 173-185.	1.0	1
65	Evaluation of various classifiers performance on biomedical datasets. , 2015, , .		0
66	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
67	Differences in EEG between gifted and average gifted adolescents: Mental rotation task. , 2015, , .		0
68	Surviving sepsis - a 3D integrative educational simulator. , 2015, 2015, 3679-82.		3
69	Adaptable microsleep detection based on EOG signals: A feasibility study. , 2015, , .		0
70	Sleep spindles detection using Empirical Mode Decomposition. , 2015, , .		0
71	Challenges and trends in Ambient Assisted Living and intelligent tools for disabled and elderly people. , 2015, , .		18
72	Combining latent class analysis labeling with multiclass approach for fetal heart rate categorization. Physiological Measurement, 2015, 36, 1001-1024.	1.2	9

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73	Agreement on intrapartum cardiotocogram recordings between expert obstetricians. Journal of Evaluation in Clinical Practice, 2015, 21, 694-702.	0.9	80
74	Information retrieval from hospital information system: Increasing effectivity using swarm intelligence. Journal of Applied Logic, 2015, 13, 126-137.	1.1	7
75	Ant-Inspired Algorithms for Decision Tree Induction. Lecture Notes in Computer Science, 2015, , 95-106.	1.0	1
76	Microsleep Classifier Using EOG Channel Recording: A Feasibility Study. Lecture Notes in Computer Science, 2015, , 109-113.	1.0	1
77	Independent Component Analysis and Decision Trees for ECG Holter Recording De-Noising. PLoS ONE, 2014, 9, e98450.	1.1	29
78	Comparison of JADE and Canonical Correlation Analysis for ECG de-noising. , 2014, 2014, 3857-60.		3
79	Registration and analysis of retinal images for diagnosis and treatment monitoring. , 2014, , .		0
80	Student projects in assistive technologies. , 2014, , .		1
81	A three class treatment of the FHR classification problem using latent class analysis labeling. , 2014, 2014, 46-9.		5
82	Binary social impact theory based optimization and its applications in pattern recognition. Neurocomputing, 2014, 132, 85-96.	3.5	17
83	Open access intrapartum CTG database. BMC Pregnancy and Childbirth, 2014, 14, 16.	0.9	173
84	Deep versus broad knowledge in interdisciplinary education. , 2014, , .		1
85	Support of students with special needs at the Czech Technical University in Prague. , 2014, , .		2
86	Detection of artifacts in oscillometric pulsations signals. , 2014, , .		1
87	Analysis of obstetricians' decision making on CTG recordings. Journal of Biomedical Informatics, 2014, 51, 72-79.	2.5	48
88	Legislation and policies for disabled students in European Countries. , 2014, , .		0
89	Discriminating Normal from "Abnormal" Pregnancy Cases Using an Automated FHR Evaluation Method. Lecture Notes in Computer Science, 2014, , 521-531.	1.0	13
90	Hidden Markov models for analysis of eye movements of dyslexic children. , 2013, , .		5

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91	Electrocardiogram beat detection enhancement using Independent Component Analysis. Medical Engineering and Physics, 2013, 35, 704-711.	0.8	15
92	Wrapper Feature Selection Significantly Improves Nonlinear Prediction of Electricity Spot Prices. , 2013, , .		6
93	Case studies of students' involvement in research. , 2013, , .		0
94	Automatic Neonatal Sleep EEG Recognition with Social Impact Based Feature Selection. Advances in Intelligent Systems and Computing, 2013, , 389-398.	0.5	3
95	Automatic Evaluation of FHR Recordings from CTU-UHB CTG Database. Lecture Notes in Computer Science, 2013, , 47-61.	1.0	20
96	Assistive Technologies: Project-Based Education. IFMBE Proceedings, 2013, , 1687-1690.	0.2	0
97	Data Acquisition and Storage System in a Cardiac Electrophysiology Laboratory. Lecture Notes in Computer Science, 2013, , 77-87.	1.0	0
98	Interoperability of Medical Devices and Information Systems. , 2013, , 749-762.		0
99	Knowledge-Based Support of Medical Work in Home Care. , 2013, , 786-804.		0
100	Adaptive Model of Cardiovascular System: Realization and Signal Database. Lecture Notes in Computer Science, 2013, , 112-113.	1.0	0
101	Frames of reference and their neural correlates within navigation in a 3D environment. Visual Neuroscience, 2012, 29, 183-191.	0.5	3
102	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
103	Using nonlinear features for fetal heart rate classification. Biomedical Signal Processing and Control, 2012, 7, 350-357.	3.5	111
104	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
105	Practical Problems and Solutions in Hospital Information System Data Mining. Lecture Notes in Computer Science, 2012, , 31-39.	1.0	2
106	Optimizers derived from human opinion formation. , 2011, , .		1
107	Measurement of hemodynamic parameters. , 2011, , .		0
108	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

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109	An automatic method for holter ECG denoising using ICA. , 2011, , .		2
110	Novel Nature Inspired Techniques in Medical Data Mining. Procedia Computer Science, 2011, 7, 286-288.	1.2	0
111	Assessment of features for automatic CTG analysis based on expert annotation. , 2011, 2011, 6051-4.		13
112	Automatic evaluation of intrapartum fetal heart rate recordings: a comprehensive analysis of useful features. Physiological Measurement, 2011, 32, 1347-1360.	1.2	37
113	System Approach to AAL Applications: A Case Study. Lecture Notes in Computer Science, 2011, , 151-158.	1.0	1
114	Bio-inspired Model of Spatial Cognition. Lecture Notes in Computer Science, 2011, , 443-450.	1.0	3
115	EEG Analysis of the Navigation Strategies in a 3D Tunnel Task. Lecture Notes in Computer Science, 2011, , 388-395.	1.0	0
116	Integration of Procedural Knowledge in Multi-Agent Systems in Medicine. Lecture Notes in Computer Science, 2011, , 82-95.	1.0	0
117	Telemedicine: New Approach to Modern Education of Medical Electronics. IFMBE Proceedings, 2011, , 1389-1392.	0.2	1
118	Multimedia Support in Education of ECG Signal Analysis. IFMBE Proceedings, 2011, , 1378-1381.	0.2	0
119	To Which Degree Do Body Composition Values Depend on External Conditions?. IFMBE Proceedings, 2011, , 1269-1271.	0.2	0
120	Novel Nature Inspired Techniques in Medical Information Retrieval. Lecture Notes in Computer Science, 2011, , 31-38.	1.0	0
121	A decision support tool in the field of electroencephalography. , 2010, , .		0
122	Processing Holter ECG signal corrupted with noise: Using ICA for QRS complex detection. , 2010, , .		2
123	PSGLab Matlab toolbox for polysomnographic data processing: Development and practical application. , 2010, , .		7
124	Classification of the EEG feature components. , 2010, , .		0
125	Automatic Classification of Intrapartal Fetal Heart-Rate Recordings â€" Can It Compete with Experts?. Lecture Notes in Computer Science, 2010, , 57-66.	1.0	1
126	Agent-based process-critiquing decision support system. , 2009, , .		3

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127	Comparison of several classifiers to evaluate endocardial electrograms fractionation in human. , 2009, 2009, 2502-5.		5
128	Discrimination of endocardial electrogram disorganization using a signal regularity analysis. , 2009, 2009, 1812-5.		4
129	ARTIFICIAL INTELLIGENCE METHODS IN ELECTROCARDIOGRAM AND ELECTROENCEPHALOGRAM DATA CLUSTERING. International Journal of Computational Intelligence and Applications, 2009, 08, 69-84.	0.6	1
130	Multimedia support in the field of interdisciplinary education. , 2009, , .		0
131	Examining cross-database global training to evaluate five different methods for ventricular beat classification. Physiological Measurement, 2009, 30, 661-677.	1.2	11
132	Multivariate Analysis of Full-Term Neonatal Polysomnographic Data. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 104-110.	3.6	29
133	Assessment of non-linear features for intrapartal fetal heart rate classification. , 2009, , .		9
134	Visualization methods used for evaluation of neonatal polysomnographic data. , 2009, , .		2
135	Feature extraction and classification of EEG sleep recordings in newborns. , 2009, , .		4
136	Classification of the emotional states based on the EEG signal processing. , 2009, , .		11
137	Fetal heart rate data pre-processing and annotation. , 2009, , .		6
138	Privacy Preserving and Use of Medical Information in a Multiagent System. Intelligent Information Systems, 2009, , 165-193.	0.1	2
139	EEG Data Mining Using PCA. , 2009, , 161-180.		4
140	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
141	Optimizing Society. , 2009, , 450-468.		0
142	Mobile Devices for e-Services in Home Care. IFMBE Proceedings, 2009, , 1006-1009.	0.2	0
143	Ant Colonies and Data Mining. , 2009, , 405-421.		0
144	Nature Inspired Concepts in Long-Term Electrocardiogram Clustering. IFMBE Proceedings, 2009, , 322-325.	0.2	0

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145	The EEG Correlates of the Allocentric and the Egocentric Spatial Reference Frames Processing. IFMBE Proceedings, 2009, , 2012-2015.	0.2	1
146	Modeling the Microstructure of Neonatal EEG Sleep Stages by Temporal Profiles. IFMBE Proceedings, 2009, , 133-137.	0.2	3
147	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
148	ECG Processing. , 2009, , 137-160.		0
149	Security recommendations for implementation in distributed healthcare systems. , 2008, , .		13
150	Evaluation of feature subsets for classification of cardiotocographic recordings. , 2008, , .		7
151	A new approach to automated assessment of fractionation of endocardial electrograms during atrial fibrillation. Physiological Measurement, 2008, 29, 1371-1381.	1.2	26
152	Nature inspired concepts in the electrocardiogram interpretation process. , 2008, , .		1
153	Social Impact based Approach to Feature Subset Selection. Studies in Computational Intelligence, 2008, , 239-248.	0.7	5
154	Ant Colony Cooperative Strategy in Electrocardiogram and Electroencephalogram Data Clustering. Studies in Computational Intelligence, 2008, , 323-333.	0.7	9
155	Social Impact and Optimization. International Journal of Computational Intelligence Research, 2008, 4, .	0.3	13
156	SVM CLASSIFICATION OF HOLTER ECG BEATS USING WAVELET FEATURES. , 2008, , .		0
157	FUZZY RULE BASED DECISION TREE CLASSIFICATION OF ECG HOLTER BEATS. , 2008, , .		0
158	Nature Inspired Methods in the Radial Basis Function Network Learning Process. Lecture Notes in Computer Science, 2008, , 829-838.	1.0	1
159	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
160	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
161	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
162	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

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163	Social Impact Theory Based Optimizer. , 2007, , 635-644.		7
164	Hybridized Swarm Metaheuristics for Evolutionary Random Forest Generation. , 2007, , .		6
165	Hybridized Swarm Metaheuristics for Evolutionary Random Forest Generation. , 2007, , .		8
166	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
167	Novel approach to search for individual signal complexes in complex fractionated atrial electrograms using wavelet transform. , 2007, , .		8
168	Particle Swarm Optimisation of Multiple Classifier Systems. , 2007, , 333-340.		3
169	Automated Classification Tree Evolution Through Hybrid Metaheuristics. Advances in Intelligent and Soft Computing, 2007, , 191-198.	0.2	2
170	Neonatal EEG Sleep Stages Modelling by Temporal Profiles. Lecture Notes in Computer Science, 2007, , 195-201.	1.0	8
171	A Multi-agent System for Information Retrieval. , 2007, , 337-344.		1
172	Robot Path Planning using Particle Swarm Optimization of Ferguson Splines. , 2006, , .		87
173	PSO and ACO in Optimization Problems. Lecture Notes in Computer Science, 2006, , 1390-1398.	1.0	15
174	Constraints in Particle Swarm Optimization of Hidden Markov Models. Lecture Notes in Computer Science, 2006, , 1399-1406.	1.0	3
175	Discrete and Continuous Aspects of Nature Inspired Methods. Lecture Notes in Computer Science, 2006, , 409-416.	1.0	0
176	Optimized model tuning in medical systems. Computer Methods and Programs in Biomedicine, 2005, 80, S17-S28.	2.6	1
177	Feature extraction in body surface potential mapping. , 2005, , .		1
178	Agent architecture for smart adaptive systems. Transactions of the Institute of Measurement and Control, 2004, 26, 245-260.	1.1	5
179	Morphology analysis of physiological signals using hidden Markov models. , 2004, , .		3
180	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

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181	Application of Soft Computing Techniques to Classification of Licensed Subjects. , 2004, , 481-488.		0
182	Controlling a PC by Eye Movements: The MEMREC Project. Lecture Notes in Computer Science, 2004, , 770-773.	1.0	6
183	Classification of Long-Term EEG Recordings. Lecture Notes in Computer Science, 2004, , 322-332.	1.0	8
184	Intelligent medical systems â€" preface. International Journal of Medical Informatics, 2001, 63, 1-4.	1.6	0
185	Medical applications of enhanced rule-based expert systems. International Journal of Medical Informatics, 2001, 63, 61-75.	1.6	11
186	APPLICATION OF EXPERT SYSTEM AND MACHINE LEARNING APPROACH TO INTELLIGENT MAN-MACHINE INTERFACE. , 2000, , .		1
187	Application of Neural Network for Stress Classification. , 2000, , 373-375.		1
188	Learning in multi-agent systems: Theoretical issues. Lecture Notes in Computer Science, 1997, , 394-405.	1.0	1
189	Evolving groups of basic decision trees. , 0, , .		2
190	Multimethod machine learning approach for medical diagnosing. , 0, , .		1
191	MICROSLEEPS AND THEIR DETECTION FROM THE BIOLOGICAL SIGNALS. Acta Polytechnica CTU Proceedings, 0, 12, 32.	0.3	0