Ondrej Krejcar

List of Publications by Year
in descending order

382 papers	4,607 citations	159585 30 h-index	182427 51 g-index
402 all docs	402 docs citations	402 times ranked	3000 citing authors

#	Article	IF	Citations
1	Consequences of chronic diseases and other limitations associated with old age â€" a scoping review. BMC Public Health, 2019, 19, 1431.	2.9	227
2	Future Trends and Current State of Smart City Concepts: A Survey. IEEE Access, 2020, 8, 86448-86467.	4.2	217
3	Breast Cancer Detection Using Infrared Thermal Imaging and a Deep Learning Model. Sensors, 2018, 18, 2799.	3.8	175
4	Industry 4.0 for the Construction Industryâ€"How Ready Is the Industry?. Applied Sciences (Switzerland), 2019, 9, 2819.	2.5	131
5	Consequences of Industry 4.0 in Business and Economics. Economies, 2018, 6, 46.	2.5	119
6	Industry 4.0 for the Construction Industry: Review of Management Perspective. Economies, 2019, 7, 68.	2.5	101
7	A combined negative selection algorithmâ€"particle swarm optimization for an email spam detection system. Engineering Applications of Artificial Intelligence, 2015, 39, 33-44.	8.1	100
8	DeprNet: A Deep Convolution Neural Network Framework for Detecting Depression Using EEG. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	100
9	Facial Expression Recognition Using Local Gravitational Force Descriptor-Based Deep Convolution Neural Networks. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	88
10	Multi-objective energy and daylight optimization of amorphous shading devices in buildings. Solar Energy, 2019, 185, 100-111.	6.1	81
11	Modified frequency-based term weighting schemes for text classification. Applied Soft Computing Journal, 2017, 58, 193-206.	7.2	77
12	A review of infrared thermography for the investigation of building envelopes: Advances and prospects. Energy and Buildings, 2018, 176, 390-406.	6.7	76
13	Use of Mobile Phones as Intelligent Sensors for Sound Input Analysis and Sleep State Detection. Sensors, 2011, 11, 6037-6055.	3.8	63
14	FER-net: facial expression recognition using deep neural net. Neural Computing and Applications, 2021, 33, 9125-9136.	5.6	62
15	Multiclass Prediction Model for Student Grade Prediction Using Machine Learning. IEEE Access, 2021, 9, 95608-95621.	4.2	55
16	Seed Priming and Coating by Nano-Scale Zinc Oxide Particles Improved Vegetative Growth, Yield and Quality of Fodder Maize (Zea mays). Agronomy, 2021, 11, 729.	3.0	49
17	Multilayer Framework for Botnet Detection Using Machine Learning Algorithms. IEEE Access, 2021, 9, 48753-48768.	4.2	45
18	Polyp-Net: A Multimodel Fusion Network for Polyp Segmentation. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	44

#	Article	IF	Citations
19	Modern smart device-based concept of sensoric networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	40
20	Costâ€"benefit analysis â€" evaluation model of cloud computing deployment for use in companies. Applied Economics, 2017, 49, 521-533.	2.2	40
21	Smart and Climate-Smart Agricultural Trends as Core Aspects of Smart Village Functions. Sensors, 2020, 20, 5977.	3.8	40
22	Edge Information Based Image Fusion Metrics Using Fractional Order Differentiation and Sigmoidal Functions. IEEE Access, 2020, 8, 88385-88398.	4.2	39
23	A deep CNN model for anomaly detection and localization in wireless capsule endoscopy images. Computers in Biology and Medicine, 2021, 137, 104789.	7.0	38
24	Complex Biomedical System with Mobile Clients. IFMBE Proceedings, 2009, , 141-144.	0.3	37
25	Fuzzy c-means clustering using Jeffreys-divergence based similarity measure. Applied Soft Computing Journal, 2020, 88, 106016.	7.2	36
26	FLIR vs SEEK thermal cameras in biomedicine: comparative diagnosis through infrared thermography. BMC Bioinformatics, 2020, 21, 88.	2.6	36
27	Deep Learning for Phishing Detection: Taxonomy, Current Challenges and Future Directions. IEEE Access, 2022, 10, 36429-36463.	4.2	36
28	<p>Activities of Daily Living and Associated Costs in the Most Widespread Neurodegenerative Diseases: A Systematic Review</p>. Clinical Interventions in Aging, 2020, Volume 15, 1841-1862.	2.9	35
29	User Localization for Intelligent Crisis Management. , 2006, , 221-227.		35
30	Problem Solving of Low Data Throughput on Mobile Devices by Artefacts Prebuffering. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	2.4	34
31	Design and Realization of Low Cost Control for Greenhouse Environment with Remote Control. IFAC-PapersOnLine, 2015, 48, 368-373.	0.9	33
32	Fuzzy K-Means Using Non-Linear S-Distance. IEEE Access, 2019, 7, 55121-55131.	4.2	33
33	Quality of Life Framework for Personalised Ageing: A Systematic Review of ICT Solutions. International Journal of Environmental Research and Public Health, 2020, 17, 2940.	2.6	32
34	LieNet: A Deep Convolution Neural Network Framework for Detecting Deception. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 971-984.	3.8	32
35	Single image dehazing using a new color channel. Journal of Visual Communication and Image Representation, 2021, 74, 103008.	2.8	32
36	Detection of abnormality in wireless capsule endoscopy images using fractal features. Computers in Biology and Medicine, 2020, 127, 104094.	7.0	31

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37	Architecture of Mobile and Desktop Stations for Noninvasive Continuous Blood Pressure Measurement. IFMBE Proceedings, 2009, , 137-140.	0.3	30
38	Mobile Monitoring Stations and Web Visualization of Biotelemetric System - Guardian II. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 286-293.	0.3	29
39	Attitude Toward Protective Behavior Engagement During COVID-19 Pandemic in Malaysia: The Role of E-government and Social Media. Frontiers in Public Health, 2021, 9, 609716.	2.7	28
40	Linear uncertain extensions of the minimum cost consensus model based on uncertain distance and consensus utility. Information Fusion, 2021, 70, 12-26.	19.1	28
41	Smart Furniture as a Component of a Smart City—Definition Based on Key Technologies Specification. IEEE Access, 2019, 7, 94822-94839.	4.2	27
42	An EEG Database and Its Initial Benchmark Emotion Classification Performance. Computational and Mathematical Methods in Medicine, 2020, 2020, 1-14.	1.3	26
43	Opinions on Sustainability of Smart Cities in the Context of Energy Challenges Posed by Cryptocurrency Mining. Sustainability, 2020, 12, 169.	3.2	26
44	Database Prebuffering as a Way to Create a Mobile Control and Information System with Better Response Time. Lecture Notes in Computer Science, 2008, , 489-498.	1.3	26
45	Complexity-Based Decoding of the Coupling Among Heart Rate Variability (HRV) and Walking Path. Frontiers in Physiology, 2020, 11, 602027.	2.8	25
46	Digital Learning Demand for Future Education 4.0—Case Studies at Malaysia Education Institutions. Informatics, 2020, 7, 13.	3.9	25
47	Control of PV integrated shading devices in buildings: A review. Building and Environment, 2022, 214, 108961.	6.9	25
48	A novel multi-scale based deep convolutional neural network for detecting COVID-19 from X-rays. Applied Soft Computing Journal, 2022, 125, 109109.	7.2	24
49	Non Destructive Defect Detection by Spectral Density Analysis. Sensors, 2011, 11, 2334-2346.	3.8	23
50	Analysis of Pregnancy Development by Complexity and Information-Based Analysis of Fetal Phonocardiogram (PCG) Signals. Fluctuation and Noise Letters, 2021, 20, 2150028.	1.5	23
51	Theoretical Studies Applied to the Evaluation of the DFPase Bioremediation Potential against Chemical Warfare Agents Intoxication. International Journal of Molecular Sciences, 2018, 19, 1257.	4.1	22
52	New Regulations on Medical Devices in Europe: Are They an Opportunity for Growth?. Administrative Sciences, 2020, 10, 16.	2.9	22
53	Adaptive Graphical User Interface Solution for Modern User Devices. Lecture Notes in Computer Science, 2012, , 411-420.	1.3	22
54	Complex biomedical system with biotelemetric monitoring of life functions. , 2009, , .		21

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55	Prototypes of User Interfaces for Mobile Applications for Patients with Diabetes. Computers, 2019, 8, 1.	3.3	21
56	Health–Related ICT Solutions of Smart Environments for Elderly–Systematic Review. IEEE Access, 2020, 8, 54574-54600.	4.2	21
57	Multi-focus image fusion using fractal dimension. Applied Optics, 2020, 59, 5642.	1.8	21
58	Biosensors as Nano-Analytical Tools for COVID-19 Detection. Sensors, 2021, 21, 7823.	3.8	21
59	ANALYSIS OF THE CORRELATION BETWEEN BRAIN AND SKIN REACTIONS TO DIFFERENT TYPES OF MUSIC. Fractals, 2021, 29, 2150124.	3.7	20
60	Phytoantioxidant Functionalized Nanoparticles: A Green Approach to Combat Nanoparticle-Induced Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-20.	4.0	20
61	Graphical representation learning-based approach for automatic classification of electroencephalogram signals in depression. Computers in Biology and Medicine, 2022, 145, 105420.	7.0	20
62	Usability Measures in Mobile-Based Augmented Reality Learning Applications: A Systematic Review. Applied Sciences (Switzerland), 2019, 9, 2718.	2.5	19
63	An analysis on new hybrid parameter selection model performance over big data set. Knowledge-Based Systems, 2020, 192, 105441.	7.1	19
64	Recent advances in the potential applications of luminescence-based, SPR-based, and carbon-based biosensors. Applied Microbiology and Biotechnology, 2022, 106, 2827-2853.	3.6	19
65	Classical dynamic consensus and opinion dynamics models: A survey of recent trends and methodologies. Information Fusion, 2022, 88, 22-40.	19.1	19
66	Use of cloud computing in biomedicine. Journal of Biomolecular Structure and Dynamics, 2016, 34, 1-10.	3.5	18
67	COMPLEXITY AND INFORMATION-BASED ANALYSIS OF THE VARIATIONS OF THE SARS-COV-2 GENOME IN THE UNITED STATES OF AMERICA (USA). Fractals, 2020, 28, 2150023.	3.7	18
68	A Multi-Tier Streaming Analytics Model of 0-Day Ransomware Detection Using Machine Learning. Applied Sciences (Switzerland), 2020, 10, 3210.	2.5	18
69	Commercial ICT Smart Solutions for the Elderly: State of the Art and Future Challenges in the Smart Furniture Sector. Electronics (Switzerland), 2020, 9, 149.	3.1	18
70	AWkS: adaptive, weighted k-means-based superpixels for improved saliency detection. Pattern Analysis and Applications, 2021, 24, 625-639.	4.6	18
71	Complexity-based analysis of the coupling between facial muscle and brain activities. Biomedical Signal Processing and Control, 2021, 67, 102511.	5.7	18
72	Chitosan-Urea Nanocomposite for Improved Fertilizer Applications: The Effect on the Soil Enzymatic Activities and Microflora Dynamics in N Cycle of Potatoes (Solanum tuberosum L.). Polymers, 2021, 13, 2887.	4.5	18

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73	LwMLA-NET: A Lightweight Multi-Level Attention-Based NETwork for Segmentation of COVID-19 Lungs Abnormalities From CT Images. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	4.7	18
74	Automatic blood detection in capsule endoscopy video. Journal of Biomedical Optics, 2016, 21, 126007.	2.6	17
75	AGE-BASED ANALYSIS OF HEART RATE VARIABILITY (HRV) FOR PATIENTS WITH CONGESTIVE HEART FAILURE. Fractals, 2021, 29, 2150135.	3.7	17
76	EVALUATION OF THE COUPLING BETWEEN ELECTROENCEPHALOGRAM (EEG) AND GALVANIC SKIN RESPONSE (GSR) SIGNALS VERSUS THE COMPLEX STRUCTURE OF MUSIC. Fractals, 2021, 29, 2150175.	3.7	17
77	COMPLEXITY AND MEMORY-BASED COMPARISON OF THE BRAIN ACTIVITY BETWEEN ADHD AND HEALTHY SUBJECTS WHILE PLAYING A SERIOUS GAME. Fractals, 2021, 29, 2150202.	3.7	17
78	Application of Artificial Neural Networks in Condition Based Predictive Maintenance. Studies in Computational Intelligence, 2016, , 75-86.	0.9	17
79	Trends and Prospects of Techniques for Haze Removal From Degraded Images: A Survey. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 762-782.	4.9	17
80	Benefits of Building Information System with Wireless Connected Mobile Device - PDPT Framework. , 2007, , .		16
81	Real Time Voltage and Current Phase Shift Analyzer for Power Saving Applications. Sensors, 2012, 12, 11391-11405.	3.8	16
82	Smart intelligent control of current source for high power LED diodes. Microelectronics Journal, 2013, 44, 307-314.	2.0	16
83	The Influence of Personal and Organizational Factors on Researchers' Attitudes towards Sustainable Research Productivity in Saudi Universities. Sustainability, 2019, 11, 4804.	3.2	16
84	Cloud Computing Environments for Biomedical Data Services. Lecture Notes in Computer Science, 2012, , 336-343.	1.3	16
85	Phishing Webpage Classification via Deep Learning-Based Algorithms: An Empirical Study. Applied Sciences (Switzerland), 2021, 11, 9210.	2.5	16
86	Development Methods for Low Cost Industrial Control by WinPAC Controller and Measurement Cards in Matlab Simulink. , 2010, , .		15
87	Mechanistic Insight into Antimicrobial and Antioxidant Potential of Jasminum Species: A Herbal Approach for Disease Management. Plants, 2021, 10, 1089.	3.5	15
88	EVALUATION OF THE CORRELATION BETWEEN FACIAL MUSCLE AND BRAIN ACTIVITIES IN AUDITORY STIMULATION. Fractals, 2021, 29, 2150100.	3.7	14
89	An Enhanced Spectral Clustering Algorithm with S-Distance. Symmetry, 2021, 13, 596.	2.2	14
90	Full Scale Software Support on Mobile Lightweight Devices by Utilization of All Types of Wireless Technologies. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 173-184.	0.3	14

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91	Biotelemetric system architecture for patients and physicians - solutions not only for homecare. , 2008, , .		13
92	COMPLEXITY-BASED ANALYSIS OF THE ALTERATIONS IN THE STRUCTURE OF CORONAVIRUSES. Fractals, 2021, 29, 2150123.	3.7	13
93	ALMNet: Adjacent Layer Driven Multiscale Features for Salient Object Detection. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-14.	4.7	13
94	Evaluation of the coupling among visual stimuli, eye fluctuations, and brain signals. Chaos, Solitons and Fractals, 2021, 153, 111492.	5.1	13
95	Guardian - Personal Biotelemetric System. , 2008, , .		12
96	Web System for Electrophysiological Data Management. , 2010, , .		12
97	COMPLEXITY-BASED DETECTION OF SIMILARITY BETWEEN ANIMAL CORONAVIRUSES AND SARS-CoV-2 IN HUMANS. Fractals, 2020, 28, 2150031.	3.7	12
98	Quality of Life, Quality of Experience, and Security Perception in Web of Things: An Overview of Research Opportunities. Electronics (Switzerland), 2020, 9, 700.	3.1	12
99	INFORMATION AND MEMORY-BASED ANALYSIS FOR DECODING OF THE HUMAN LEARNING BETWEEN NORMAL AND VIRTUAL REALITY (VR) CONDITIONS. Fractals, 2021, 29, 2150163.	3.7	12
100	Analysis of the correlation between the human voice and brain activity. Waves in Random and Complex Media, 0, , 1-13.	2.7	12
101	COMPLEXITY-BASED EVALUATION OF THE CORRELATION BETWEEN HEART AND BRAIN RESPONSES TO MUSIC. Fractals, 2021, 29, 2150238.	3.7	12
102	Pattern Password Authentication Based on Touching Location. Lecture Notes in Computer Science, 2015, , 395-403.	1.3	12
103	ANALYSIS OF THE COUPLING BETWEEN THE BRAIN AND FACIAL MUSCLE RESPONSES TO AUDITORY STIMULATION. Fractals, 2022, 30, .	3.7	12
104	Large Multimedia Artifacts Prebuffering in Mobile Information Systems as Location Context Awareness. , 2009, , .		11
105	Online signature verification by spectrogram analysis. Applied Intelligence, 2018, 48, 1189.	5.3	11
106	Evaluation of the Coupling between the Brain and Facial Muscles Reactions to Moving Visual Stimuli. Fluctuation and Noise Letters, 2021, 20, 2150042.	1.5	11
107	Information-based Analysis of the Coupling between Dynamic Visual Stimuli, Eye Movements, and Brain Signals. Fluctuation and Noise Letters, 2021, 20, .	1.5	11
108	Threading Possibilities of Smart Devices Platforms for Future User Adaptive Systems. Lecture Notes in Computer Science, 2012, , 458-467.	1.3	11

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109	Evaluation Framework for User Preference Research Implemented as Web Application. Lecture Notes in Computer Science, 2013, , 537-548.	1.3	11
110	Localization by Wireless Technologies for Managing of Large Scale Data Artifacts on Mobile Devices. Lecture Notes in Computer Science, 2009, , 697-708.	1.3	11
111	Noninvasive Continuous Blood Pressure Measurement and GPS Position Monitoring of Patients. , 2009, , .		10
112	Real Time Processing of ECG Signal on Mobile Embedded Monitoring Stations. , 2010, , .		10
113	Vision of Smart Home Point Solution as Sustainable Intelligent House Concept. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 383-387.	0.4	10
114	Fuzzy granular classifier approach for spam detection. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1355-1363.	1.4	10
115	Novel Cross-View Human Action Model Recognition Based on the Powerful View-Invariant Features Technique. Future Internet, 2018, 10, 89.	3.8	10
116	Information-Based Analysis of the Coupling Between the Alterations of Heart and Brain Activities in Response to Auditory Stimuli. Fluctuation and Noise Letters, 2021, 20, .	1.5	10
117	Infilling Missing Rainfall and Runoff Data for Sarawak, Malaysia Using Gaussian Mixture Model Based K-Nearest Neighbor Imputation. Lecture Notes in Computer Science, 2019, , 27-38.	1.3	10
118	Biometric Swiping on Touchscreens. Lecture Notes in Computer Science, 2015, , 193-203.	1.3	10
119	Decoding of the coupling between the brain and facial muscle reactions in auditory stimulation. Technology and Health Care, 2022, 30, 859-868.	1.2	10
120	Optimized Solar Energy Power Supply for Remote Wireless Sensors Based on IEEE 802.15.4 Standard. International Journal of Photoenergy, 2012, 2012, 1-9.	2.5	9
121	Quantization and Equalization of Pseudocolor Images in Hand Thermography. Lecture Notes in Computer Science, 2017, , 397-407.	1.3	9
122	Automatic epilepsy detection using fractal dimensions segmentation and GP&ndash;SVM classification. Neuropsychiatric Disease and Treatment, 2018, Volume 14, 2439-2449.	2.2	9
123	Aging at Work: A Review of Recent Trends and Future Directions. International Journal of Environmental Research and Public Health, 2020, 17, 7659.	2.6	9
124	Gated Contextual Features for Salient Object Detection. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	9
125	Hybrid Sine Cosine and Fitness Dependent Optimizer for Global Optimization. IEEE Access, 2021, 9, 128601-128622.	4.2	9
126	Algorithm for Dynamic Fingerprinting Radio Map Creation Using IMU Measurements. Sensors, 2021, 21, 2283.	3.8	9

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127	Analysis of the Correlation between Static Visual Stimuli, Eye Movements, and Brain Signals. Fluctuation and Noise Letters, 0, , 2150056.	1.5	9
128	Clustering Uncertain Data Objects Using Jeffreys-Divergence and Maximum Bipartite Matching Based Similarity Measure. IEEE Access, 2021, 9, 79505-79519.	4.2	9
129	Dorsal Hand Recognition Through Adaptive YCbCr Imaging Technique. Lecture Notes in Computer Science, 2016, , 262-270.	1.3	9
130	Green Synthesis of Gold Nanoparticles Using Polianthes tuberosa L. Floral Extract. Plants, 2021, 10, 2370.	3.5	9
131	Smartphone, PDA and mobile embedded device clients of biotelemetric system for monitoring of life functions. , 2008, , .		8
132	Precise Temperature Measurement for Increasing the Survival of Newborn Babies in Incubator Environments. Sensors, 2014, 14, 23563-23580.	3.8	8
133	Device Security Implementation Model based on Internet of Things for a Laboratory Environment. IFAC-PapersOnLine, 2016, 49, 419-424.	0.9	8
134	Novel Hand Gesture Alert System. Applied Sciences (Switzerland), 2019, 9, 3419.	2.5	8
135	A Mini-review of Biomedical Infrared Thermography (B-IRT). Lecture Notes in Computer Science, 2019, , 99-110.	1.3	8
136	Complement component face space for 3D face recognition from range images. Applied Intelligence, 2021, 51, 2500-2517.	5.3	8
137	Decoding of the coupling between brain and skin activities in olfactory stimulation by analysis of EEG and GSR signals. Waves in Random and Complex Media, 0, , 1-15.	2.7	8
138	User Based Intelligent Adaptation of Five in a Row Game for Android Based on the Data from the Front Camera. Lecture Notes in Computer Science, 2016, , 133-149.	1.3	8
139	Complexity-Based Analysis of the Effect of Forming Parameters on the Surface Finish of Workpiece in Single Point Incremental Forming (SPIF). Fractal and Fractional, 2021, 5, 241.	3.3	8
140	Enhancing Big Data Feature Selection Using a Hybrid Correlation-Based Feature Selection. Electronics (Switzerland), 2021, 10, 2984.	3.1	8
141	A Hybrid Lightweight System for Early Attack Detection in the IoMT Fog. Sensors, 2021, 21, 8289.	3.8	8
142	Continuous Noninvasive Blood Pressure Measurement by Near Infra Red CCD Camera and Pulse Transmit Time Systems. , 2010, , .		7
143	Superficial Dorsal Hand Vein Estimation. Lecture Notes in Computer Science, 2017, , 408-418.	1.3	7
144	Novel Four Stages Classification of Breast Cancer Using Infrared Thermal Imaging and a Deep Learning Model. Lecture Notes in Computer Science, 2019, , 63-74.	1.3	7

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145	Distribution-based imaging for multiple sclerosis lesion segmentation using specialized fuzzy 2-means powered by Nakagami transmutations. Applied Soft Computing Journal, 2021, 108, 107481.	7.2	7
146	Decoding of facial muscle-brain relation by information-based analysis of electromyogram (EMG) and electroencephalogram (EEG) signals. Waves in Random and Complex Media, 0, , 1-10.	2.7	7
147	Granular-Rule Extraction to Simplify Data. Lecture Notes in Computer Science, 2015, , 421-429.	1.3	7
148	Principles of Usability in Human-Computer Interaction. Lecture Notes in Electrical Engineering, 2016, , 51-57.	0.4	7
149	Universality of Oxime K203 for Reactivation of Nerve Agent-Inhibited AChE. Medicinal Chemistry, 2015, 11, 683-686.	1.5	7
150	Forecasting of FOREX Price Trend using Recurrent Neural Network - Long short-term memory. , 0, , .		7
151	Design Requirements of Usability and Aesthetics for e-Learning Purposes. Studies in Computational Intelligence, 2014, , 235-245.	0.9	7
152	Development of Information and Management System for Laboratory Based on Open Source Licensed Software. Lecture Notes in Computer Science, 2015, , 377-387.	1.3	6
153	Thin Cap Fibroatheroma Detection in Virtual Histology Images Using Geometric and Texture Features. Applied Sciences (Switzerland), 2018, 8, 1632.	2.5	6
154	A Systematic State-of-the-Art Analysis of Multi-Agent Intrusion Detection. IEEE Access, 2020, 8, 180184-180209.	4.2	6
155	Multi-performance based computational model for the cuboid open traveling salesman problem in a smart floating city. Building and Environment, 2021, 196, 107721.	6.9	6
156	Smart Sensor Technologies for IoT. Sensors, 2021, 21, 5890.	3.8	6
157	Novel Thermal Image Classification Based on Techniques Derived from Mathematical Morphology: Case of Breast Cancer. Lecture Notes in Computer Science, 2020, , 683-694.	1.3	6
158	A Smart Arduino Alarm Clock Using Hypnagogia Detection During Night. Lecture Notes in Computer Science, 2016, , 514-526.	1.3	6
159	Managing of Large Data Artifacts on Mobile Devices with an Ultra Sensitive GPS Devices. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 143-154.	0.3	6
160	User Perspective Adaptation Enhancement Using Autonomous Mobile Devices. Lecture Notes in Computer Science, 2011, , 462-471.	1.3	6
161	Dynamical Behavior of a New Chaotic System with One Stable Equilibrium. Mathematics, 2021, 9, 3217.	2.2	6
162	Low-contrast lesion segmentation in advanced MRI experiments by time-domain Ricker-type wavelets and fuzzy 2-means. Applied Intelligence, 2022, 52, 15237-15258.	5.3	6

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163	Using of mobile device localization for several types of applications in intelligent crisis management. , 2009, , .		5
164	Performance test of multiplatform real time processing of biomedical signals. , 2010, , .		5
165	Batteryless Powering of Remote Sensors with Reversed Peltier Power Source for Ubiquitous Environments. International Journal of Distributed Sensor Networks, 2013, 9, 789405.	2.2	5
166	Molecular Modeling Studies on the Interactions of Aflatoxin B1 and Its Metabolites with Human Acetylcholinesterase. Part II: Interactions with the Catalytic Anionic Site (CAS). Toxins, 2018, 10, 389.	3.4	5
167	Improving Agent Quality in Dynamic Smart Cities by Implementing an Agent Quality Management Framework. Applied Sciences (Switzerland), 2019, 9, 5111.	2.5	5
168	Oxime K074 â€" <i>in vitro</i> and <i>in silico</i> reactivation of acetylcholinesterase inhibited by nerve agents and pesticides. Toxin Reviews, 2020, 39, 157-166.	3.4	5
169	3D surface profile diagnosis using digital image processing for laboratory use. Journal of Central South University, 2020, 27, 811-823.	3.0	5
170	Medical Image Data Upscaling with Generative Adversarial Networks. Lecture Notes in Computer Science, 2020, , 739-749.	1.3	5
171	Communications and Security Aspects of Smart Grid Networks Design. Communications in Computer and Information Science, 2014, , 35-46.	0.5	5
172	Principles of Usability in Human-Computer Interaction Driven by an Evaluation Framework of User Actions. Lecture Notes in Computer Science, 2015, , 51-62.	1.3	5
173	Framework of Design Requirements for E-learning Applied on Blackboard Learning System. Lecture Notes in Computer Science, 2015, , 471-480.	1.3	5
174	Smart Access to Big Data Storage â€" Android Multi-language Offline Dictionary Application. Lecture Notes in Computer Science, 2012, , 375-384.	1.3	5
175	Loading Speed of Modern Websites and Reliability of Online Speed Test Services. Lecture Notes in Computer Science, 2015, , 65-74.	1.3	5
176	A Recent Research on Malware Detection Using Machine Learning Algorithm: Current Challenges and Future Works. Lecture Notes in Computer Science, 2021, , 469-481.	1.3	5
177	Kernel Recursive Maximum Versoria Criterion Based Post-Distorter for VLC Using Kernel-Width Sampling. IEEE Photonics Journal, 2022, 14, 1-12.	2.0	5
178	Missing Value Imputation Designs and Methods of Nature-Inspired Metaheuristic Techniques: A Systematic Review. IEEE Access, 2022, 10, 61544-61566.	4.2	5
179	Stress Testing Data Access via a Web Service for Determination of Adequate Server Hardware for Developed Software Solution. , 2010, , .		4
180	Evaluation of aJile aJ-80 Real-Time embedded platform for RT-Java parameters. Measurement: Journal of the International Measurement Confederation, 2011, 44, 1253-1260.	5.0	4

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181	Low cost weather station with remote control. , 2012, , .		4
182	Endpoint firewall for local security hardening in academic research environment. Journal of Intelligent and Fuzzy Systems, 2017, 32, 1475-1484.	1.4	4
183	Detection of Raynaud's Phenomenon by Thermographic Testing for Finger Thermoregulation. Lecture Notes in Computer Science, 2017, , 475-484.	1.3	4
184	Lightweight Protocol for M2M Communication. Lecture Notes in Computer Science, 2017, , 335-344.	1.3	4
185	Breast Cancer Detection Using Modern Visual IT Techniques. Studies in Computational Intelligence, 2018, , 397-407.	0.9	4
186	FLIR vs SEEK in Biomedical Applications of Infrared Thermography. Lecture Notes in Computer Science, 2018, , 221-230.	1.3	4
187	Detection of Irregular Thermoregulation in Hand Thermography by Fuzzy C-Means. Lecture Notes in Computer Science, 2018, , 255-265.	1.3	4
188	Multi-Biometric System Based on Cutting-Edge Equipment for Experimental Contactless Verification. Sensors, 2019, 19, 3709.	3.8	4
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