Petre Lameski

List of Publications by Year
in descending order

43 papers	738 citations	687363 13 h-index	610901 24 g-index
44 all docs	44 docs citations	44 times ranked	669 citing authors

#	Article	IF	Citations
1	Technological Solutions for Sign Language Recognition: A Scoping Review of Research Trends, Challenges, and Opportunities. IEEE Access, 2022, 10, 40979-40998.	4.2	12
2	GAN-Based Image Colorization for Self-Supervised Visual Feature Learning. Sensors, 2022, 22, 1599.	3.8	21
3	Daily motionless activities: A dataset with accelerometer, magnetometer, gyroscope, environment, and GPS data. Scientific Data, 2022, 9, 105.	5.3	3
4	Can the Eight Hop Test Be Measured with Sensors? A Systematic Review. Sensors, 2022, 22, 3582.	3.8	0
5	Are Active and Assisted Living applications addressing the main acceptance concerns of their beneficiaries? Preliminary insights from a scoping review. , 2022, , .		0
6	Multi-Horizon Air Pollution Forecasting with Deep Neural Networks. Sensors, 2021, 21, 1235.	3.8	24
7	Towards Detecting Pneumonia Progression in COVID-19 Patients by Monitoring Sleep Disturbance Using Data Streams of Non-Invasive Sensor Networks. Sensors, 2021, 21, 3030.	3.8	7
8	Indoor and outdoor environmental data: A dataset with acoustic data acquired by the microphone embedded on mobile devices. Data in Brief, 2021, 36, 107051.	1.0	1
9	Cost Optimization for Big Data Workloads Based on Dynamic Scheduling and Cluster-Size Tuning. Big Data Research, 2021, 25, 100203.	4.2	25
10	Rural Healthcare IoT Architecture Based on Low-Energy LoRa. International Journal of Environmental Research and Public Health, 2021, 18, 7660.	2.6	21
11	Experimental Study on Wound Area Measurement with Mobile Devices. Sensors, 2021, 21, 5762.	3.8	11
12	Mobile 5P-Medicine Approach for Cardiovascular Patients. Sensors, 2021, 21, 6986.	3.8	13
13	Temporal Authorization Graphs: Pros, Cons andÂLimits. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 105-120.	0.3	0
14	Are central-zone restaurants better for consumers? -An analytical approach. , 2021, , .		0
15	Homogeneous Data Normalization and Deep Learning: A Case Study in Human Activity Classification. Future Internet, 2020, 12, 194.	3.8	23
16	Mobile Applications for Training Plan Using Android Devices: A Systematic Review and a Taxonomy Proposal. Information (Switzerland), 2020, 11, 343.	2.9	15
17	Deep Learning for Feature Extraction in Remote Sensing: A Case-Study of Aerial Scene Classification. Sensors, 2020, 20, 3906.	3.8	58
18	Machine Learning Techniques with ECG and EEG Data: An Exploratory Study. Computers, 2020, 9, 55.	3.3	8

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19	Aerial Scene Classification through Fine-Tuning with Adaptive Learning Rates and Label Smoothing. Applied Sciences (Switzerland), 2020, 10, 5792.	2.5	29
20	Promotion of Healthy Lifestyles to Teenagers with Mobile Devices: A Case Study in Portugal. Healthcare (Switzerland), 2020, 8, 315.	2.0	11
21	Air Pollution Prediction with Multi-Modal Data and Deep Neural Networks. Remote Sensing, 2020, 12, 4142.	4.0	57
22	Literature on Applied Machine Learning in Metagenomic Classification: A Scoping Review. Biology, 2020, 9, 453.	2.8	15
23	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
24	Activities of Daily Living and Environment Recognition Using Mobile Devices: A Comparative Study. Electronics (Switzerland), 2020, 9, 180.	3.1	11
25	Promotion of Healthy Nutrition and Physical Activity Lifestyles for Teenagers: A Systematic Literature Review of The Current Methodologies. Journal of Personalized Medicine, 2020, 10, 12.	2.5	13
26	From Big Data to business analytics: The case study of churn prediction. Applied Soft Computing Journal, 2020, 90, 106164.	7.2	38
27	Health–Related ICT Solutions of Smart Environments for Elderly–Systematic Review. IEEE Access, 2020, 8, 54574-54600.	4.2	21
28	Activities of daily living with motion: A dataset with accelerometer, magnetometer and gyroscope data from mobile devices. Data in Brief, 2020, 33, 106628.	1.0	6
29	Identification of Daily Activites and Environments Based on the AdaBoost Method Using Mobile Device Data: A Systematic Review. Electronics (Switzerland), 2020, 9, 192.	3.1	7
30	Automation in Systematic, Scoping and Rapid Reviews by an NLP Toolkit: A Case Study in Enhanced Living Environments. Lecture Notes in Computer Science, 2019, , 1-18.	1.3	18
31	Cluster-size optimization within a cloud-based ETL framework for Big Data. , 2019, , .		15
32	Challenges in data collection in real-world environments for activity recognition. , 2019, , .		5
33	Mobile Applications for the Promotion and Support of Healthy Nutrition and Physical Activity Habits: A Systematic Review, Extraction of Features and Taxonomy Proposal. Open Bioinformatics Journal, 2019, 13, 50-71.	1.0	5
34	Technological Solutions for Older People with Alzheimer's Disease: Review. Current Alzheimer Research, 2018, 15, 975-983.	1.4	48
35	Importance of Personalized Health-Care Models: A Case Study in Activity Recognition. Studies in Health Technology and Informatics, 2018, 249, 185-188.	0.3	2
36	Firearms training simulator based on low cost motion tracking sensor. Multimedia Tools and Applications, 2017, 76, 1403-1418.	3.9	7

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37	Improving Activity Recognition Accuracy in Ambient-Assisted Living Systems by Automated Feature Engineering. IEEE Access, 2017, 5, 5262-5280.	4.2	128
38	Suppression of Intensive Care Unit False Alarms based on the Arterial Blood Pressure Signal. IEEE Access, 2017, , 1-1.	4.2	11
39	Cloud Based Patient Monitoring Platform Using Android Smartphone Sensors. Cybernetics and Information Technologies, 2015, 15, 109-119.	1.1	1
40	Feature Ranking Based on Information Gain for Large Classification Problems with MapReduce. , 2015, , .		15
41	Architecture for Wireless Sensor and Actor Networks Control and Data Acquisition. , 2011, , .		13
42	Short-term air pollution forecasting based on environmental factors and deep learning models. , 0, , .		8
43	Explorations into Deep Learning Text Architectures for Dense Image Captioning. , 0, , .		3