Petre Lameski

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4950470/publications.pdf

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43	738	687363 13	610901 24
papers	citations	h-index	g-index

44	44	44	669
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving Activity Recognition Accuracy in Ambient-Assisted Living Systems by Automated Feature Engineering. IEEE Access, 2017, 5, 5262-5280.	4.2	128
2	Deep Learning for Feature Extraction in Remote Sensing: A Case-Study of Aerial Scene Classification. Sensors, 2020, 20, 3906.	3.8	58
3	Air Pollution Prediction with Multi-Modal Data and Deep Neural Networks. Remote Sensing, 2020, 12, 4142.	4.0	57
4	Technological Solutions for Older People with Alzheimerâ€™s Disease: Review. Current Alzheimer Research, 2018, 15, 975-983.	1.4	48
5	From Big Data to business analytics: The case study of churn prediction. Applied Soft Computing Journal, 2020, 90, 106164.	7.2	38
6	Aerial Scene Classification through Fine-Tuning with Adaptive Learning Rates and Label Smoothing. Applied Sciences (Switzerland), 2020, 10, 5792.	2.5	29
7	Cost Optimization for Big Data Workloads Based on Dynamic Scheduling and Cluster-Size Tuning. Big Data Research, 2021, 25, 100203.	4.2	25
8	Multi-Horizon Air Pollution Forecasting with Deep Neural Networks. Sensors, 2021, 21, 1235.	3.8	24
9	Homogeneous Data Normalization and Deep Learning: A Case Study in Human Activity Classification. Future Internet, 2020, 12, 194.	3.8	23
10	Healthâ€“Related ICT Solutions of Smart Environments for Elderlyâ€“Systematic Review. IEEE Access, 2020, 8, 54574-54600.	4.2	21
11	Rural Healthcare IoT Architecture Based on Low-Energy LoRa. International Journal of Environmental Research and Public Health, 2021, 18, 7660.	2.6	21
12	GAN-Based Image Colorization for Self-Supervised Visual Feature Learning. Sensors, 2022, 22, 1599.	3.8	21
13	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
14	Feature Ranking Based on Information Gain for Large Classification Problems with MapReduce. , 2015, , .		15
15	Cluster-size optimization within a cloud-based ETL framework for Big Data. , 2019, , .		15
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	Literature on Applied Machine Learning in Metagenomic Classification: A Scoping Review. Biology, 2020, 9, 453.	2.8	15
18	Architecture for Wireless Sensor and Actor Networks Control and Data Acquisition. , 2011, , .		13

#	Article	IF	Citations
19	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
20	Mobile 5P-Medicine Approach for Cardiovascular Patients. Sensors, 2021, 21, 6986.	3.8	13
21	Technological Solutions for Sign Language Recognition: A Scoping Review of Research Trends, Challenges, and Opportunities. IEEE Access, 2022, 10, 40979-40998.	4.2	12
22	Suppression of Intensive Care Unit False Alarms based on the Arterial Blood Pressure Signal. IEEE Access, 2017, , 1-1.	4.2	11
23	Promotion of Healthy Lifestyles to Teenagers with Mobile Devices: A Case Study in Portugal. Healthcare (Switzerland), 2020, 8, 315.	2.0	11
24	Activities of Daily Living and Environment Recognition Using Mobile Devices: A Comparative Study. Electronics (Switzerland), 2020, 9, 180.	3.1	11
25	Experimental Study on Wound Area Measurement with Mobile Devices. Sensors, 2021, 21, 5762.	3.8	11
26	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
27	Machine Learning Techniques with ECG and EEG Data: An Exploratory Study. Computers, 2020, 9, 55.	3.3	8
28	Short-term air pollution forecasting based on environmental factors and deep learning models. , 0, , .		8
29	Firearms training simulator based on low cost motion tracking sensor. Multimedia Tools and Applications, 2017, 76, 1403-1418.	3.9	7
30	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
31	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
32	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
33	Challenges in data collection in real-world environments for activity recognition. , 2019, , .		5
34	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
35	Explorations into Deep Learning Text Architectures for Dense Image Captioning. , 0, , .		3
36	Daily motionless activities: A dataset with accelerometer, magnetometer, gyroscope, environment, and GPS data. Scientific Data, 2022, 9, 105.	5.3	3

#	Article	IF	Citations
37	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
38	Cloud Based Patient Monitoring Platform Using Android Smartphone Sensors. Cybernetics and Information Technologies, 2015, 15, 109-119.	1.1	1
39	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
40	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
41	Are central-zone restaurants better for consumers? -An analytical approach. , 2021, , .		0
42	Can the Eight Hop Test Be Measured with Sensors? A Systematic Review. Sensors, 2022, 22, 3582.	3.8	0
43	Are Active and Assisted Living applications addressing the main acceptance concerns of their beneficiaries? Preliminary insights from a scoping review. , 2022, , .		0