

# MarÃ-ia Barandas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6914986/publications.pdf>

Version: 2024-02-01

16  
papers

497  
citations

932766

10  
h-index

1058022

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

430  
citing authors

#	ARTICLE	IF	CITATIONS
1	TSFEL: Time Series Feature Extraction Library. <i>SoftwareX</i> , 2020, 11, 100456.	1.2	226
2	Time Alignment Measurement for Time Series. <i>Pattern Recognition</i> , 2018, 81, 268-279.	5.1	66
3	Interpretable heartbeat classification using local model-agnostic explanations on ECGs. <i>Computers in Biology and Medicine</i> , 2021, 133, 104393.	3.9	41
4	A Framework for Infrastructure-Free Indoor Localization Based on Pervasive Sound Analysis. <i>IEEE Sensors Journal</i> , 2018, 18, 4136-4144.	2.4	25
5	Increased cytoplasm viscosity hampers aggregate polar segregation in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2016, 99, 686-699.	1.2	21
6	TSSEARCH: Time Series Subsequence Search Library. <i>SoftwareX</i> , 2022, 18, 101049.	1.2	21
7	A motion tracking solution for indoor localization using smartphones. , 2016, , .		16
8	Fingerprints and Floor Plans Construction for Indoor Localisation Based on Crowdsourcing. <i>Sensors</i> , 2019, 19, 919.	2.1	15
9	Human Activity Recognition for Indoor Localization Using Smartphone Inertial Sensors. <i>Sensors</i> , 2021, 21, 6316.	2.1	12
10	A Real Time Biofeedback System Using Visual User Interface for Physical Rehabilitation. <i>Procedia Manufacturing</i> , 2015, 3, 823-828.	1.9	11
11	Crowdsourcing-Based Fingerprinting for Indoor Location in Multi-Storey Buildings. <i>IEEE Access</i> , 2021, 9, 31143-31160.	2.6	11
12	An Infrastructure-Free Magnetic-Based Indoor Positioning System with Deep Learning. <i>Sensors</i> , 2020, 20, 6664.	2.1	9
13	Uncertainty-Based Rejection in Machine Learning: Implications for Model Development and Interpretability. <i>Electronics (Switzerland)</i> , 2022, 11, 396.	1.8	8
14	Determination of the Walking Direction of a Pedestrian from Acceleration Data. , 2019, , .		6
15	Towards Knowledge Uncertainty Estimation for Open Set Recognition. <i>Machine Learning and Knowledge Extraction</i> , 2020, 2, 505-532.	3.2	5
16	A Novel Approach for User Equipment Indoor/Outdoor Classification in Mobile Networks. <i>IEEE Access</i> , 2021, , 1-1.	2.6	4