

# Roberto SÃ¡nchez-Reolid

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9314692/publications.pdf>

Version: 2024-02-01

12  
papers

169  
citations

1464605

7  
h-index

1762888

8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

108  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-dimensional convolutional neural networks for low/high arousal classification from electrodermal activity. <i>Biomedical Signal Processing and Control</i> , 2022, 71, 103203.	3.5	14
2	Optimal Feature Selection for Defect Classification in Semiconductor Wafers. <i>IEEE Transactions on Semiconductor Manufacturing</i> , 2022, 35, 324-331.	1.4	17
3	Physical Exercise Effects on University Students's Attention: An EEG Analysis Approach. <i>Electronics (Switzerland)</i> , 2022, 11, 770.	1.8	1
4	Geometric transformation-based data augmentation on defect classification of segmented images of semiconductor materials using a ResNet50 convolutional neural network. <i>Expert Systems With Applications</i> , 2022, 206, 117731.	4.4	29
5	Feature and Time Series Extraction in Artificial Neural Networks for Arousal Detection from Electrodermal Activity. <i>Lecture Notes in Computer Science</i> , 2021, , 265-276.	1.0	0
6	A Review on Machine and Deep Learning for Semiconductor Defect Classification in Scanning Electron Microscope Images. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9508.	1.3	21
7	Arousal Detection in Elderly People from Electrodermal Activity Using Musical Stimuli. <i>Sensors</i> , 2020, 20, 4788.	2.1	15
8	Deep Support Vector Machines for the Identification of Stress Condition from Electrodermal Activity. <i>International Journal of Neural Systems</i> , 2020, 30, 2050031.	3.2	29
9	Stress Identification from Electrodermal Activity by Support Vector Machines. <i>Lecture Notes in Computer Science</i> , 2019, , 202-211.	1.0	3
10	Distributed Architecture for Acquisition and Processing of Physiological Signals. <i>Proceedings (mdpi)</i> , 2019, 31, .	0.2	0
11	Memory Retrieval in Ageing Adults through Traditional Music Genres—An Experiment Based on Electroencephalography Signals. <i>Proceedings (mdpi)</i> , 2019, 31, .	0.2	0
12	Artificial Neural Networks to Assess Emotional States from Brain-Computer Interface. <i>Electronics (Switzerland)</i> , 2018, 7, 384.	1.8	36