

# Szymon Sieciński

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4215965/publications.pdf>

Version: 2024-02-01

22  
papers

198  
citations

1307366

7  
h-index

1125617

13  
g-index

24  
all docs

24  
docs citations

24  
times ranked

146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heart Rate Variability Analysis on Electrocardiograms, Seismocardiograms and Gyrocardiograms on Healthy Volunteers. <i>Sensors</i> , 2020, 20, 4522.	2.1	37
2	Gyrocardiography: A Review of the Definition, History, Waveform Description, and Applications. <i>Sensors</i> , 2020, 20, 6675.	2.1	32
3	Comparison of HRV indices obtained from ECG and SCG signals from CEBS database. <i>BioMedical Engineering OnLine</i> , 2019, 18, 69.	1.3	17
4	Evaluating the stress-response of dental students to the dental school environment. <i>PeerJ</i> , 2020, 8, e8981.	0.9	17
5	The Influence of Gender and Year of Study on Stress Levels and Coping Strategies among Polish Dental. <i>Medicina (Lithuania)</i> , 2020, 56, 531.	0.8	16
6	Heart Rate Variability Analysis on CEBS Database Signals. , 2018, 2018, 5697-5700.		15
7	Recognition of Driversâ€™ Activity Based on 1D Convolutional Neural Network. <i>Electronics (Switzerland)</i> , 2020, 9, 2002.	1.8	13
8	Evaluation of the Most Stressful Dental Treatment Procedures of Conservative Dentistry among Polish Dental Students. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4448.	1.2	12
9	Time Domain And Frequency Domain Heart Rate Variability Analysis on Gyrocardiograms. , 2020, 2020, 2630-2633.		8
10	Determining Heart Rate Beat-to-Beat from Smartphone Seismocardiograms: Preliminary Studies. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 133-140.	0.5	5
11	Influence of Empirical Mode Decomposition on Heart Rate Variability Indices Obtained from Smartphone Seismocardiograms. , 2019, 2019, 4913-4916.		4
12	The Relationship between Stress Levels Measured by a Questionnaire and the Data Obtained by Smart Glasses and Finger Pulse Oximeters among Polish Dental Students. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8648.	1.3	3
13	Heart Rate Variability Analysis on Reference Heart Beats and Detected Heart Beats of Smartphone Seismocardiograms. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 473-480.	0.5	2
14	The Assessment of the Condition of Knee Joint Surfaces with Acoustic Emission Analysis. <i>Sensors</i> , 2021, 21, 6495.	2.1	2
15	Extreme Situation Experienced by Dental Students of the Medical University of Silesia Due to the SARS-CoV-2 Epidemic during the First Lockdown. <i>Healthcare (Switzerland)</i> , 2021, 9, 1513.	1.0	2
16	Comparison of Atrial Fibrillation Detection Performance Using Decision Trees, SVM and Artificial Neural Network. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 693-701.	0.5	1
17	The Stress Level Assessment Based on Socio-demographic and Gender Factors Among Polish and Taiwanese Female and Male Junior Dental Students. <i>Communications in Computer and Information Science</i> , 2019, , 553-564.	0.4	1
18	Influence of Gravitational Offset Removal on Heart Beat Detection Performance from Android Smartphone Seismocardiograms. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 337-344.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Heart Rate Measurement Based on Embedded Accelerometer in Smartphone. Advances in Intelligent Systems and Computing, 2022, , 443-454.	0.5	1
20	Automatic Assessment of Benton Visual Retention Test Results: A Pilot Study. Lecture Notes in Networks and Systems, 2022, , 1-8.	0.5	0
21	Heart Beat Detection from Smartphone SCG Signals: Comparison with Previous Study on HR Estimation. Advances in Intelligent Systems and Computing, 2019, , 123-130.	0.5	0
22	Influence of Music on HRV Indices Derived from ECG and SCG. Advances in Intelligent Systems and Computing, 2021, , 381-389.	0.5	0