Szymon SieciÅ„ski

List of Publications by Year
in descending order

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	Automatic Assessment of Benton Visual Retention Test Results: A Pilot Study. Lecture Notes in Networks and Systems, 2022, , 1-8.	0.5	0
2	Heart Rate Measurement Based on Embedded Accelerometer in a Smartphone. Advances in Intelligent Systems and Computing, 2022, , 443-454.	0.5	1
3	Evaluation of the Most Stressful Dental Treatment Procedures of Conservative Dentistry among Polish Dental Students. International Journal of Environmental Research and Public Health, 2021, 18, 4448.	1.2	12
4	The Relationship between Stress Levels Measured by a Questionnaire and the Data Obtained by Smart Glasses and Finger Pulse Oximeters among Polish Dental Students. Applied Sciences (Switzerland), 2021, 11, 8648.	1.3	3
5	The Assessment of the Condition of Knee Joint Surfaces with Acoustic Emission Analysis. Sensors, 2021, 21, 6495.	2.1	2
6	Extreme Situation Experienced by Dental Students of the Medical University of Silesia Due to the SARS-CoV-2 Epidemic during the First Lockdown. Healthcare (Switzerland), 2021, 9, 1513.	1.0	2
7	Influence of Music on HRV Indices Derived from ECG and SCG. Advances in Intelligent Systems and Computing, 2021, , 381-389.	0.5	0
8	Recognition of Drivers' Activity Based on 1D Convolutional Neural Network. Electronics (Switzerland), 2020, 9, 2002.	1.8	13
9	Gyrocardiography: A Review of the Definition, History, Waveform Description, and Applications. Sensors, 2020, 20, 6675.	2.1	32
10	The Influence of Gender and Year of Study on Stress Levels and Coping Strategies among Polish Dental. Medicina (Lithuania), 2020, 56, 531.	0.8	16
11	Heart Rate Variability Analysis on Electrocardiograms, Seismocardiograms and Gyrocardiograms on Healthy Volunteers. Sensors, 2020, 20, 4522.	2.1	37
12	Time Domain And Frequency Domain Heart Rate Variability Analysis on Gyrocardiograms. , 2020, 2020, 2630-2633.		8
13	Evaluating the stress-response of dental students to the dental school environment. PeerJ, 2020, 8, e8981.	0.9	17
14	Comparison of HRV indices obtained from ECG and SCG signals from CEBS database. BioMedical Engineering OnLine, 2019, 18, 69.	1.3	17
15	Comparison of Atrial Fibrillation Detection Performance Using Decision Trees, SVM and Artificial Neural Network. Advances in Intelligent Systems and Computing, 2019, , 693-701.	0.5	1
16	Influence of Empirical Mode Decomposition on Heart Rate Variability Indices Obtained from Smartphone Seismocardiograms. , 2019, 2019, 4913-4916.		4
17	Heart Rate Variability Analysis on Reference Heart Beats and Detected Heart Beats of Smartphone Seismocardiograms. Advances in Intelligent Systems and Computing, 2019, , 473-480.	0.5	2
18	The Stress Level Assessment Based on Socio-demographic and Gender Factors Among Polish and Taiwanese Female and Male Junior Dental Students. Communications in Computer and Information Science, 2019, , 553-564.	0.4	1

#	Article	IF	Citations
19	Influence of Gravitational Offset Removal onÂHeart Beat Detection Performance from Android Smartphone Seismocardiograms. Advances in Intelligent Systems and Computing, 2019, , 337-344.	0.5	1
20	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
21	Determining Heart Rate Beat-to-Beat from Smartphone Seismocardiograms: Preliminary Studies. Advances in Intelligent Systems and Computing, 2018, , 133-140.	0.5	5
22	Heart Rate Variability Analysis on CEBS Database Signals. , 2018, 2018, 5697-5700.		15