Yongbo Liang

List of Publications by Year
in descending order

15	1,095	759055 12	996849 15
papers	citations	h-index	g-index

15	15	15	957
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Robust Reconstruction of Electrocardiogram Using Photoplethysmography: A Subject-Based Model. Frontiers in Physiology, 2022, 13, 859763.	1.3	3
2	Atrial Fibrillation Identification With PPG Signals Using a Combination of Time-Frequency Analysis and Deep Learning. IEEE Access, 2020, 8, 172692-172706.	2.6	19
3	Impact of Data Transformation: An ECG Heartbeat Classification Approach. Frontiers in Digital Health, 2020, 2, 610956.	1.5	3
4	An Automatic Diagnosis of Arrhythmias Using a Combination of CNN and LSTM Technology. Electronics (Switzerland), 2020, 9, 121.	1.8	56
5	The use of photoplethysmography for assessing hypertension. Npj Digital Medicine, 2019, 2, 60.	5.7	359
6	How Effective Is Pulse Arrival Time for Evaluating Blood Pressure? Challenges and Recommendations from a Study Using the MIMIC Database. Journal of Clinical Medicine, 2019, 8, 337.	1.0	56
7	Hypertension Assessment Using Photoplethysmography: A Risk Stratification Approach. Journal of Clinical Medicine, 2019, 8, 12.	1.0	62
8	A new, short-recorded photoplethysmogram dataset for blood pressure monitoring in China. Scientific Data, 2018, 5, 180020.	2.4	103
9	Photoplethysmography and Deep Learning: Enhancing Hypertension Risk Stratification. Biosensors, 2018, 8, 101.	2.3	115
10	Hypertension Assessment via ECG and PPG Signals: An Evaluation Using MIMIC Database. Diagnostics, 2018, 8, 65.	1.3	94
11	Toward Generating More Diagnostic Features from Photoplethysmogram Waveforms. Diseases (Basel,) Tj ETQq1 1 0.784314 rgBT /Ov	1.0	73
12	An optimal filter for short photoplethysmogram signals. Scientific Data, 2018, 5, 180076.	2.4	115
13	Label-Free Amperometric Immunosensor Based on Graphene Oxide and Ferrocene-Chitosan Nanocomposites for Detection of Hepatis B Virus Antigen. Journal of Biomedical Nanotechnology, 2017, 13, 1300-1308.	0.5	18
14	An Integrated Electrochemical Immunochromatographic Test Strip Based on the Amplification of Gold Nanoparticles for Quantitative Detection of Alpha-Fetoprotein. Journal of Nanoscience and Nanotechnology, 2016, 16, 12187-12193.	0.9	5
15	Chelerythrine and Fe₃O₄ Loaded Multi-Walled Carbon Nanotubes for Targeted Cancer Therapy. Journal of Biomedical Nanotechnology, 2016, 12, 1312-1322.	0.5	14