

# Om Prakash Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/56573/publications.pdf>

Version: 2024-02-01

9  
papers

99  
citations

1684188

5  
h-index

1720034

7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

68  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time human respiration carbon dioxide measurement device for cardiorespiratory assessment. Journal of Breath Research, 2018, 12, 026003.	3.0	40
2	Automatic Quantitative Analysis of Human Respired Carbon Dioxide Waveform for Asthma and Non-Asthma Classification Using Support Vector Machine. IEEE Access, 2018, 6, 55245-55256.	4.2	20
3	Classification of SARS-CoV-2 and non-SARS-CoV-2 using machine learning algorithms. Computers in Biology and Medicine, 2021, 136, 104650.	7.0	18
4	Assessment of newly developed real-time human respiration carbon dioxide measurement device for management of asthma outside of hospital. Technology and Health Care, 2018, 26, 785-794.	1.2	6
5	Automatic classification of regular and irregular capnogram segments using time- and frequency-domain features: A machine learning-based approach. Technology and Health Care, 2021, 29, 59-72.	1.2	6
6	Design and validation of a handheld capnography device for cardiopulmonary assessment based on the Arduino platform. Journal of Innovative Optical Health Sciences, 2021, 14, .	1.0	4
7	An Effective Machine Learning Approach for Classifying Artefact-Free and Distorted Capnogram Segments Using Simple Time-Domain Features. IEEE Access, 2022, 10, 8767-8778.	4.2	4
8	Identification of Asthmatic Patient During Exercise Using Feature Extraction of Carbon Dioxide Waveform. , 2019, , .		1
9	Effect of Temperature, Pressure and Humidity on Carbon Dioxide Concentrationâ€™Simulation Study. IOP Conference Series: Materials Science and Engineering, 2020, 884, 012007.	0.6	0