

# Muhammad Bilal Khan

## List of Publications by Year in descending order

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docs citations

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times ranked

187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Contactless Small-Scale Movement Monitoring System Using Software Defined Radio for Early Diagnosis of COVID-19. IEEE Sensors Journal, 2021, 21, 17180-17188.	4.7	33
2	Design of Software Defined Radios Based Platform for Activity Recognition. IEEE Access, 2019, 7, 31083-31088.	4.2	32
3	Activity Pattern Mining for Healthcare. IEEE Access, 2020, 8, 56730-56738.	4.2	24
4	A Systematic Review of Non-Contact Sensing for Developing a Platform to Contain COVID-19. Micromachines, 2020, 11, 912.	2.9	22
5	RF Sensing Based Breathing Patterns Detection Leveraging USRP Devices. Sensors, 2021, 21, 3855.	3.8	18
6	Monitoring Movements of Ataxia Patient by Using UWB Technology. Sensors, 2020, 20, 931.	3.8	16
7	Improving Machine Learning Classification Accuracy for Breathing Abnormalities by Enhancing Dataset. Sensors, 2021, 21, 6750.	3.8	16
8	A Non-Contact Paraparesis Detection Technique Based on 1D-CNN. IEEE Access, 2019, 7, 182280-182288.	4.2	11
9	Intelligent Non-Contact Sensing for Connected Health Using Software Defined Radio Technology. Electronics (Switzerland), 2021, 10, 1558.	3.1	10
10	Adaptive Doppler Compensation for Mitigating Range Dependence in Forward-Looking Airborne Radar. Electronics (Switzerland), 2020, 9, 1896.	3.1	9
11	Non-Contact Sensing Testbed for Post-Surgery Monitoring by Exploiting Artificial-Intelligence. Applied Sciences (Switzerland), 2020, 10, 4886.	2.5	9
12	Design of a portable and multifunctional dependable wireless communication platform for smart health care. Annales Des Telecommunications/Annals of Telecommunications, 2021, 76, 287-296.	2.5	7
13	Non-Contact Smart Sensing of Physical Activities during Quarantine Period Using SDR Technology. Sensors, 2022, 22, 1348.	3.8	7
14	Noninvasive Suspicious Liquid Detection Using Wireless Signals. Sensors, 2019, 19, 4086.	3.8	5
15	An Optimization of the Signal-to-Noise Ratio Distribution of an Indoor Visible Light Communication System Based on the Conventional Layout Model. Sustainability, 2020, 12, 9006.	3.2	5
16	Circulating Nurse Assistant: Non-Contact Body Centric Gesture Recognition Towards Reducing Latrogenic Contamination. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2305-2316.	6.3	2
17	Cheyne-Stokes Respiration Perception via Machine Learning Algorithms. Electronics (Switzerland), 2022, 11, 958.	3.1	1
18	Analysis of the Applicable Range of the Standard Lambertian Model to Describe the Reflection in Visible Light Communication. Electronics (Switzerland), 2022, 11, 1514.	3.1	1