

# Pragya Sharma

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8497723/publications.pdf>

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9  
papers

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1477746

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1473754

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docs citations

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101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wearable radio-frequency sensing of respiratory rate, respiratory volume, and heart rate. Npj Digital Medicine, 2020, 3, 98.	5.7	63
2	A Wireless Wearable RF Sensor for Brumation Study of Chelonians. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2021, 5, 17-24.	2.3	15
3	Furniture-Integrated Respiration Sensors by Notched Transmission Lines. IEEE Sensors Journal, 2021, 21, 5303-5311.	2.4	10
4	Objective Scoring of Physiologically Induced Dyspnea by Non-Invasive RF Sensors. IEEE Transactions on Biomedical Engineering, 2022, 69, 432-442.	2.5	9
5	Wearable RF Near-Field Cough Monitoring by Frequency-Time Deep Learning. IEEE Transactions on Biomedical Circuits and Systems, 2021, 15, 756-764.	2.7	8
6	Aperture-Synthesis Radar Imaging With Compressive Sensing for Ionospheric Research. Radio Science, 2019, 54, 503-516.	0.8	6
7	Deep-Learning-Based Occupant Counting by Ambient RF Sensing. IEEE Sensors Journal, 2021, 21, 8564-8574.	2.4	6
8	3-D Indoor Device-Free Object Detection by Passive Radio Frequency Identification. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	2.4	5
9	Indoor Object Sensing Using Radio-Frequency Identification With Inverse Methods. IEEE Sensors Journal, 2022, 22, 11336-11344.	2.4	5