

# Bilal Amin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4473797/publications.pdf>

Version: 2024-02-01

11  
papers

146  
citations

1478505

6  
h-index

1720034

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g-index

11  
all docs

11  
docs citations

11  
times ranked

136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Validation of Microwave Imaging Prototype and DBIM-IMATCS Algorithm for Bone Health Monitoring. IEEE Access, 2022, 10, 42589-42600.	4.2	6
2	Anthropomorphic Calcaneus Phantom for Microwave Bone Imaging Applications. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2021, 5, 206-213.	3.4	12
3	A feasibility study on microwave imaging of bone for osteoporosis monitoring. Medical and Biological Engineering and Computing, 2021, 59, 925-936.	2.8	11
4	Microwave Tomographic Imaging of Experimental Bone Phantoms for Bone Imaging Application. , 2021, , .		0
5	Microwave calcaneus phantom for bone imaging applications. , 2020, , .		7
6	Microwave Bone Imaging: A Preliminary Investigation on Numerical Bone Phantoms for Bone Health Monitoring. Sensors, 2020, 20, 6320.	3.8	12
7	Dielectric characterization of diseased human trabecular bones at microwave frequency. Medical Engineering and Physics, 2020, 78, 21-28.	1.7	23
8	Microwave bone imaging: experimental evaluation of calcaneus bone phantom and imaging prototype. , 2020, , .		1
9	Dielectric properties of bones for the monitoring of osteoporosis. Medical and Biological Engineering and Computing, 2019, 57, 1-13.	2.8	38
10	A review of the dielectric properties of the bone for low frequency medical technologies. Biomedical Physics and Engineering Express, 2019, 5, 022001.	1.2	27
11	An insight into bone dielectric properties variation: a foundation for electromagnetic medical devices. , 2018, , .		9