

# 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

7  
g-index

11  
all docs

11  
docs citations

11  
times ranked

136  
citing authors

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