

# Mohd Ifwat Mohd Ghazali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2027722/publications.pdf>

Version: 2024-02-01

30  
papers

460  
citations

1478505

6  
h-index

1474206

9  
g-index

30  
all docs

30  
docs citations

30  
times ranked

489  
citing authors

#	ARTICLE	IF	CITATIONS
1	AC ionic conductivity and DC polarization method of lithium ion transport in PMMA <sup>+</sup> LiBF <sub>4</sub> gel polymer electrolytes. Results in Physics, 2012, 2, 1-4.	4.1	103
2	Demonstration of RF and Microwave Passive Circuits Through 3-D Printing and Selective Metalization. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2017, 7, 463-471.	2.5	61
3	The Modern and Digital Transformation of Oral Health Care: A Mini Review. Healthcare (Switzerland), 2021, 9, 118.	2.0	57
4	3-D Printed Air Substrates for the Design and Fabrication of RF Components. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2017, 7, 982-989.	2.5	42
5	Affordable 3D printed microwave antennas. , 2015, , .		30
6	Affordable terahertz components using 3D printing. , 2015, , .		29
7	Embedded Actives Using Additive Manufacturing for High-Density RF Circuits and Systems. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 1643-1651.	2.5	20
8	3D printed metalized-polymer UWB high-gain Vivaldi antennas. , 2016, , .		19
9	Embedded Passive RF Tags towards Intrinsically Locatable Buried Plastic Materials. , 2016, , .		16
10	3D Printed Out-of-Plane Antennas for Use on High Density Boards. , 2017, , .		10
11	3D Printed high functional density packaging compatible out-of-plane antennas. Additive Manufacturing, 2019, 30, 100863.	3.0	9
12	3-D Printed Embedded Passive Harmonic Sensor Tag as Markers for Buried Assets Localization. , 2019, 3, 1-4.		9
13	RFID Compatible Sensor Tags for Remote Liquid Sample Interrogation. , 2016, , .		8
14	Embedded Active Elements in 3D Printed Structures for the Design of RF Circuits. , 2018, , .		6
15	Image Detection Model for Construction Worker Safety Conditions using Faster R-CNN. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.7	6
16	A Nonlinear Transmission Line Based Harmonic RF Tag. , 2017, , .		5
17	Monitoring and localization of buried plastic natural gas pipes using passive RF tags. AIP Conference Proceedings, 2018, , .	0.4	5
18	Wireless EAS Sensor Tags for Volatile Profiling in Food Packages. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	Multi-band Harmonic RF Tags for Barcode Applications in a Cluttered Environment. , 2017, , .		3
20	A 3D Printed Cavity Backed 2 <sup>nd</sup> -4 Slotted Waveguide Antenna Array. , 2018, , .		3
21	Thick 3D Printed RF Components: Transmission Lines and Bandpass Filters. , 2018, , .		3
22	A 3D Printed UHF Passive RFID tag for Plastic Components. , 2019, , .		3
23	A Multiuse Fully 3-D Printed Cavity Sensor for Liquid Profiling. , 2019, 3, 1-4.		3
24	3D Printed Integrated Microfluidic Cooling for High Power RF Applications. International Symposium on Microelectronics, 2017, 2017, 000675-000680.	0.0	2
25	3D Printed Interposer Layer for High Density Packaging of IoT Devices. , 2019, , .		1
26	A 3D Printed Compact PIFA for 5G Applications. , 2019, , .		1
27	3D Printed Substrates for the Design of Compact RF Systems. , 2019, , .		1
28	A PSK Modulation Scheme for Sensor Integrated RFIDs. , 2019, , .		1
29	A Reusable 3D Printed Cavity Resonator for Liquid Sample Characterization. International Symposium on Microelectronics, 2018, 2018, 000389-000392.	0.0	0
30	Design and Fabrication of 3D Printed Reconfigurable Metamaterial-inspired Structures. International Symposium on Microelectronics, 2019, 2019, 000595-000598.	0.0	0