

# Osman Ayop

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1515295/osman-ayop-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28  
papers

197  
citations

7  
h-index

13  
g-index

42  
ext. papers

263  
ext. citations

1.6  
avg, IF

2.5  
L-index

#	Paper	IF	Citations
28	Surface roughness impact on the performance of the 3D metal printed waveguide coupler at millimeterwave band. <i>Engineering Science and Technology, an International Journal</i> , <b>2022</b> , 35, 101129		
27	Analytical Solution of Amplifier-Antenna System's Impedance Matching Requirement for Reliable Microwave Transmitter. <i>IEEE Access</i> , <b>2020</b> , 8, 182640-182662	3.5	1
26	<b>2019</b> ,		1
25	Planar Monopole Antenna With Hexagonal Split Ring Resonators <b>2018</b> ,		1
24	Dual-band metamaterial perfect absorber with nearly polarization-independent. <i>Applied Physics A: Materials Science and Processing</i> , <b>2017</b> , 123, 1	2.6	14
23	Microstrip reflectarray using second iteration Minkowski-like radiating element <b>2017</b> ,		1
22	Dual-resonant polarization-independent and wide-angle metamaterial absorber in X-band frequency. <i>Applied Physics A: Materials Science and Processing</i> , <b>2016</b> , 122, 1	2.6	13
21	Wideband polarization-insensitive metamaterial absorber with perfect dual resonances. <i>Applied Physics A: Materials Science and Processing</i> , <b>2016</b> , 122, 1	2.6	8
20	Double Layer Polarization Insensitive Metamaterial Absorber with Dual Resonances. <i>Lecture Notes in Electrical Engineering</i> , <b>2015</b> , 231-238	0.2	
19	WIDEBAND ANTENNA WITH RECONFIGURABLE BAND NOTCHED USING EBG STRUCTURE. <i>Progress in Electromagnetics Research Letters</i> , <b>2015</b> , 54, 7-13	0.5	7
18	Reconfigurable notched wideband antenna using EBG structure. <i>Microwave and Optical Technology Letters</i> , <b>2015</b> , 57, 497-501	1.2	5
17	TRIPLE BAND CIRCULAR RING-SHAPED METAMATERIAL ABSORBER FOR X-BAND APPLICATIONS. <i>Progress in Electromagnetics Research M</i> , <b>2014</b> , 39, 65-75	0.6	21
16	Reconfigurable wideband to narrowband antenna using tunable EBG structure. <i>Applied Physics A: Materials Science and Processing</i> , <b>2014</b> , 117, 657-661	2.6	4
15	Metamaterial absorber based on circular ring structure with and without copper lines. <i>Applied Physics A: Materials Science and Processing</i> , <b>2014</b> , 117, 651-656	2.6	7
14	Polarization insensitive and wide operating angle metamaterial absorber at X-band <b>2014</b> ,		2
13	Second iteration fractal Koch planar log periodic antenna design. <i>Microwave and Optical Technology Letters</i> , <b>2011</b> , 53, 1869-1875	1.2	1
12	Analysis of mushroom-like electromagnetic band gap structure using suspended transmission line technique <b>2011</b> ,		3

11	DESIGN AND ANALYSIS OF MICROSTRIP REFLECTARRAY ANTENNA WITH MINKOWSKI SHAPE RADIATING ELEMENT. <i>Progress in Electromagnetics Research B</i> , <b>2010</b> , 24, 317-331	0.7	16
10	TRIPLE-BAND PRINTED DIPOLE ANTENNA WITH SINGLE-BAND AMC-HIS. <i>Progress in Electromagnetics Research B</i> , <b>2010</b> , 20, 225-244	0.7	8
9	ELECTROMAGNETIC BAND GAP STRUCTURES INCORPORATE WITH DUAL BAND MICROSTRIP ANTENNA ARRAY. <i>Progress in Electromagnetics Research M</i> , <b>2010</b> , 11, 111-122	0.6	4
8	Electromagnetic Band Gap Structure for Planar Ultra Wide Band Antenna. <i>Journal of Electromagnetic Waves and Applications</i> , <b>2010</b> , 24, 229-239	1.3	5
7	LOG PERIODIC FRACTAL KOCH ANTENNA FOR UHF BAND APPLICATIONS. <i>Progress in Electromagnetics Research</i> , <b>2010</b> , 100, 201-218	3.8	56
6	Switched beam antenna system design <b>2008</b> ,		2
5	A dual band gap slotted patch electromagnetic band gap for dual band microstrip antenna <b>2008</b> ,		3
4	Analysis of Fractal Koch Dipole Antenna for UHF band application <b>2008</b> ,		5
3	Planar Dipole Antenna with and without Circular Parasitic Element <b>2007</b> ,		4
2	Low loss waveguide-based Butler matrix with iris coupling control method for millimeterwave applications. <i>Waves in Random and Complex Media</i> ,1-21	1.9	2
1	Deflected beam pattern through reconfigurable metamaterial structure at 3.5 GHz for 5G applications. <i>Waves in Random and Complex Media</i> ,1-24	1.9	0