

# Salam K Khamas

## List of Publications by Year in descending order

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52  
papers

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docs citations

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times ranked

379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optically Controlled Circularly Polarized-Reconfigurable Millimeter-Wave Rectangular Dielectric Resonator Antenna using Photoconductive Switches. , 2022, , .		1
2	Circularly polarized on chip dielectric resonator antenna at 60 GHz. , 2022, , .		0
3	A mm-wave Circularly Polarized Wristwatch Dielectric Resonator Antenna for Off-Body Communications. , 2022, , .		3
4	A Compact Dual Band MIMO Dielectric Resonator Antenna with Improved Performance for mm-Wave Applications. Sensors, 2022, 22, 5056.	3.8	16
5	An Efficient Photomixer Based Slot Fed Terahertz Dielectric Resonator Antenna. Sensors, 2021, 21, 876.	3.8	7
6	CPW Fed Compact UWB 4-Element MIMO Antenna with High Isolation. Sensors, 2021, 21, 2688.	3.8	22
7	WIDEBAND HIGH-GAIN MILLIMETRE-WAVE THREE-LAYER HEMISPHERICAL DIELECTRIC RESONATOR ANTENNA. Progress in Electromagnetics Research C, 2020, 103, 225-236.	0.9	4
8	Design of Efficient Photomixer-based Terahertz Dielectric Resonator Antenna. , 2020, , .		0
9	High Gain On-Chip Hemispherical Dielectric Resonator Antenna for 60 GHz Applications. , 2020, , .		4
10	An Efficient Photomixer Based Slot Fed Terahertz Dielectric Resonator Antenna. , 2020, , .		1
11	Spiral slot-fed High Gain Wide Bandwidth Circularly Polarized Layered Cylindrical DRA. , 2020, , .		1
12	WIDE BANDWIDTH HIGH GAIN CIRCULARLY POLARIZED MILLIMETRE-WAVE RECTANGULAR DIELECTRIC RESONATOR ANTENNA. Progress in Electromagnetics Research M, 2020, 89, 171-177.	0.9	11
13	Full Embroidery Designed Electro-Textile Wearable Tag Antenna for WBAN Application. Sensors, 2019, 19, 2470.	3.8	24
14	HIGHER ORDER MODE LAYERED CYLINDRICAL DIELECTRIC RESONATOR ANTENNA. Progress in Electromagnetics Research C, 2019, 90, 65-77.	0.9	3
15	High-gain pattern reconfigurable microstrip dipole antenna with a gain enhancing partially reflecting surface. IET Microwaves, Antennas and Propagation, 2018, 12, 1679-1683.	1.4	2
16	Higher-Order-Mode Circularly Polarized Two-Layer Rectangular Dielectric Resonator Antenna. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1114-1117.	4.0	55
17	Near-Field Intensity Enhancement of a nano-antenna above an inverted Bragg Reflector. , 2017, , .		0
18	Wide-band circularly polarized elliptical dielectric resonator antenna. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	High input resistance terahertz dipole antenna with an isolating photonic band gap layer. , 2016, , .		3
20	Three-dimensional finite-difference time-domain modelling of photonic crystal surface-emitting lasers. , 2016, , .		1
21	A PHOTOMIXER DRIVEN TERAHERTZ DIPOLE ANTENNA WITH HIGH INPUT RESISTANCE AND GAIN. Progress in Electromagnetics Research M, 2015, 44, 13-20.	0.9	5
22	Coherently Coupled Photonic-Crystal Surface-Emitting Laser Array. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 493-499.	2.9	16
23	Gain enhancement for circularly polarized double layered printed hemispherical helical antenna arrays. Journal of Electromagnetic Waves and Applications, 2015, 29, 1342-1353.	1.6	1
24	Waveguide and photonic crystal design of photonic crystal surface-emitting laser. Proceedings of SPIE, 2015, , .	0.8	0
25	Terahertz dipole antenna performance enhancement using a photonic-bandgap GaAs substrate. , 2014, , .		0
26	All-Semiconductor Photonic Crystal Surface-Emitting Lasers Based on Epitaxial Regrowth. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 4900407-4900407.	2.9	21
27	Band structure and waveguide modelling of epitaxially regrown photonic crystal surface-emitting lasers. Journal Physics D: Applied Physics, 2013, 46, 264005.	2.8	13
28	Epitaxially Regrown GaAs-Based Photonic Crystal Surface-Emitting Laser. IEEE Photonics Technology Letters, 2012, 24, 966-968.	2.5	38
29	Optimisation of Coupling between Photonic Crystal and Active Elements in an Epitaxially Regrown GaAs Based Photonic Crystal Surface Emitting Laser. Japanese Journal of Applied Physics, 2012, 51, 02BG05.	1.5	6
30	Realization of a photonic crystal surface emitting laser through GaAs based regrowth. Proceedings of SPIE, 2012, , .	0.8	1
31	Measurements and Analysis of a Probe-Fed Circularly Polarized Loop Antenna Printed on a Layered Dielectric Sphere. IEEE Transactions on Antennas and Propagation, 2012, 60, 2096-2100.	5.1	8
32	Optimisation of Coupling between Photonic Crystal and Active Elements in an Epitaxially Regrown GaAs Based Photonic Crystal Surface Emitting Laser. Japanese Journal of Applied Physics, 2012, 51, 02BG05.	1.5	7
33	Measurements and Analysis of a Helical Antenna Printed on a Layered Dielectric Hemisphere. IEEE Transactions on Antennas and Propagation, 2011, 59, 4831-4835.	5.1	8
34	A Singly Fed Wideband Circularly Polarized Dielectric Resonator Antenna Using Concentric Open Half-Loops. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1305-1308.	4.0	57
35	Frequency tuning of a singly-fed rectangular dielectric resonator antenna with a wideband circular polarization. , 2011, , .		1
36	A Singly Fed Rectangular Dielectric Resonator Antenna With a Wideband Circular Polarization. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 615-618.	4.0	43

#	ARTICLE	IF	CITATIONS
37	Correction to "A Singly Fed Rectangular Dielectric Resonator Antenna With a Wideband Circular Polarization" [2010 615-618]. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 1286-1286.	4.0	4
38	An Efficient Asymptotic Extraction Approach for the Green's Functions of Conformal Antennas in Multilayered Cylindrical Media. IEEE Transactions on Antennas and Propagation, 2010, 58, 3737-3742.	5.1	24
39	A Generalized Asymptotic Extraction Solution for Antennas in Multilayered Spherical Media. IEEE Transactions on Antennas and Propagation, 2010, 58, 3743-3747.	5.1	10
40	Asymptotic Extraction Approach for Antennas in a Multilayered Spherical Media. IEEE Transactions on Antennas and Propagation, 2010, 58, 1003-1008.	5.1	18
41	Electromagnetic Radiation by Antennas of Arbitrary Shape in a Layered Spherical Media. IEEE Transactions on Antennas and Propagation, 2009, 57, 3827-3834.	5.1	22
42	Moment Method Analysis of an Archimedean Spiral Printed on a Layered Dielectric Sphere. IEEE Transactions on Antennas and Propagation, 2008, 56, 345-352.	5.1	20
43	Circularly Polarized Dielectric Resonator Antenna Excited by a Conformal Wire. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 240-242.	4.0	22
44	Stationary Phase Analysis of a Printed Circular Wire Loop Antenna with Dielectric Superstrate Cover Based on an Efficient Moment Method. , 2007, , .		1
45	Design of circularly polarised printed spiral antenna using dual objective genetic algorithm. Electronics Letters, 1998, 34, 608.	1.0	9
46	Predictions of the efficiencies of superconducting small antennas connected to lossy ground planes using a Sommerfeld integral technique. Journal of Applied Physics, 1994, 76, 1266-1268.	2.5	7
47	Fast approximate moment method model for monopole arbitrarily positioned on circular ground plane. Electronics Letters, 1993, 29, 223.	1.0	2
48	Investigation of the enhanced efficiencies of small superconducting loop antenna elements. Journal of Applied Physics, 1993, 74, 2914-2918.	2.5	9
49	Performance prediction of high-T <sub>c</sub> superconducting small antennas using a two-fluid moment method model. Applied Physics Letters, 1992, 60, 123-125.	3.3	7
50	Significance of matching networks in enhanced performance of small antennas when supercooled. Electronics Letters, 1990, 26, 654-655.	1.0	15
51	Critical currents in a high-T <sub>c</sub> superconducting short dipole antenna. IEEE Transactions on Magnetics, 1989, 25, 1313-1314.	2.1	13
52	High-T <sub>c</sub> superconducting short dipole antenna. Electronics Letters, 1988, 24, 460.	1.0	69