Djamel Khedrouche

List of Publications by Year
in descending order

30 papers	387 citations	840119 11 h-index	794141 19 g-index
30 all docs	30 docs citations	30 times ranked	144 citing authors

#	Article	IF	Citations
1	Design and analysis of a 2 Ã— 2 microstrip ratch antenna array based on periodic and non-periodic photonic crystals substrate in THz. Optical and Quantum Electronics, 2022, 54, 1.	1.5	9
2	Plasmonic stop-band filter based on an MIM waveguide coupled with cavity resonators. Journal of Physics: Conference Series, 2022, 2240, 012025.	0.3	3
3	Design and analysis of novel microstrip patch antenna array based on photonic crystal in THz. Optical and Quantum Electronics, 2022, 54, 1.	1.5	13
4	DESIGN OF A DOUBLE-MODE PLASMONIC WAVELENGTH FILTER USING A DEFECTIVE CIRCULAR NANO-DISK RESONATOR COUPLED TO TWO MIM WAVEGUIDES. Progress in Electromagnetics Research Letters, 2022, 104, 67-75.	0.4	18
5	Analysis and design of MIMO indoor communication system using terahertz patch antenna based on photonic crystal with graphene. Photonics and Nanostructures - Fundamentals and Applications, 2021, 43, 100867.	1.0	19
6	New design of a broadband PBG-based antenna for THz band applications. Photonics and Nanostructures - Fundamentals and Applications, 2021, 46, 100947.	1.0	5
7	A high-sensitive sensor and band-stop filter based on intersected double ring resonators in metalâ€“insulatorâ€“metal structure. Optical and Quantum Electronics, 2020, 52, 1.	1.5	44
8	Enhanced Flexible Terahertz Microstrip Antenna Based on Modified Silicon-Air Photonic Crystal. Optik, 2020, 217, 164897.	1.4	19
9	Design of mid infrared high sensitive metal-insulator-metal plasmonic sensor. Chinese Journal of Physics, 2019, 61, 86-97.	2.0	35
10	Analysis and design of a terahertz microstrip antenna based on a synthesized photonic bandgap substrate using BPSO. Journal of Computational Electronics, 2019, 18, 231-240.	1.3	51
11	A bandwidth enhancement and size reduction of monopole microstrip antenna for ultra wideband application. World Journal of Engineering, 2018, 15, 330-335.	1.0	0
12	Design And Analysis Of Millimeter-Wave Microstrip Antenna With New FSS Superstrate Structure. , 2018, , .		0
13	Wideband and low dispersion slow light by altering the geometry of a photonic crystal waveguide. Optics Communications, 2018, 427, 396-404.	1.0	6
14	Modeling and performance analysis of Schottky barrier carbon nanotube field effect transistor SB-CNTFET. Journal of Computational Electronics, 2017, 16, 593-600.	1.3	3
15	Geometrically tunable slow light based on a modified photonic crystal waveguide. Chinese Journal of Physics, 2017, 55, 2318-2324.	2.0	8
16	Magneto-photonic crystal microcavities based on magnetic nanoparticles embedded in Silica matrix. Optics Communications, 2017, 384, 111-117.	1.0	18
17	Design and Analysis of a Microstrip Antenna Based on Superconducting Material for Millimeter Wave Applications. Acta Physica Polonica A, 2017, 131, 109-111.	0.2	2
18	Design and Analysis of Miniaturized Microstrip Patch Antenna with Metamaterials Based on Modified Split-Ring Resonator for UWB Applications. Frequenz, 2016, 70, .	0.6	3

#	Article	IF	Citations
19	Enhanced absorption of solar cell made of photonic crystal by geometrical design. Frontiers of Optoelectronics, 2016, 9, 93-98.	1.9	4
20	Bandwidth Improvement for Compact Microstrip Patch Antenna Using Metamaterials. Acta Physica Polonica A, 2016, 129, 538-540.	0.2	9
21	A simple small size disk microstrip patch antenna with a rectangular Aperture for ultra wide band application. , 2015, , .		2
22	Vector Fourier transform analysis of stacked rectangular microstrip patches on isotropic and anisotropic substrates. Aerospace Science and Technology, 2015, 47, 447-455.	2.5	1
23	Study of the Absorption in Solar Cells with 2D Photonic Crystals. Acta Physica Polonica A, 2015, 127, 1205-1207.	0.2	3
24	Mode Conversion in 2D Magneto Photonic Crystals Made of SiO2/ZrO2Matrix Doped With Magnetic Nanoparticles. Acta Physica Polonica A, 2015, 127, 1208-1210.	0.2	4
25	Performance evaluation of omni-directional circular UWB disc antenna conformed on a cylindrical surface. , 2014, , .		0
26	Band-gap properties of 2D photonic crystal made by silica matrix doped with magnetic nanoparticles. Journal of Computational Electronics, 2014, 13, 490-495.	1.3	29
27	Modeling the superconducting effects on resonance and radiation characteristics of a cylindrical-rectangular microstrip antenna covered with a dielectric layer. Journal of Computational Electronics, 2013, 12, 297-305.	1.3	10
28	Spectral-domain analysis of multilayer cylindricalâ€“rectangular microstrip antennas. Engineering Analysis With Boundary Elements, 2009, 33, 930-939.	2.0	10
29	A numerically efficient full-wave analysis of a tunable rectangular microstrip patch. International Journal of Electronics, 2004, 91, 57-70.	0.9	16
30	Uniaxially anisotropic substrate effects on resonance of rectangular microstrip patch antenna. Electronics Letters, 1999, 35, 255.	0.5	43